GEORGETOWN INDEPENDENT SCHOOL DISTRICT

2023-2024
SECONDARY COURSE GUIDE

GEORGETOWN ISD
Home of the most inspired students, served by the most empowered leaders...

Dear Students and Parents,

The information provided in this secondary course catalog is designed to assist students and parents in planning and making decisions regarding your high school career. This guide includes a description of each course, as well as information about graduation requirements, career pathways and programs of study, college admission processes, and postsecondary college and career readiness requirements.

Selecting courses is extremely important and you are encouraged to study the descriptions in this catalog when deciding your academic program of study. When selecting your courses, take time to consider your individual interests, graduation requirements, and expectations for college or a career.

The secondary curriculum offers a full range of courses, including advanced academics, an array of Career and Technology Education programs, fine arts, and a comprehensive selection of elective courses. In addition to the core academic programs, there are a variety of extra-curricular and co-curricular programs, as well as numerous clubs and organizations available.

If you have any questions, or need more information about the various resources, services, and programs available, please contact your campus counselor.

Fred Brent
Superintendent

The information in this catalog is subject to change based on new information mandated through the Texas Legislature, the Texas Education Agency or the State Board of Education. This course catalog will be updated periodically online as new information is received. All changes will be noted as an addendum.

Georgetown ISD is an equal opportunity employer and does not discriminate in hiring based on age, race, color, creed, religion, disability, gender, ethnic or national origin, or military or veteran status. GISD prohibits discrimination against individuals with disabilities and will reasonable accommodate applicants with a disability, upon request, and will provide equal employment opportunities in accordance with Titles VI and VII, Title IX, Age Discrimination Act, Section 504 of the Rehabilitation Act, as amended, Individuals with Disabilities Education Improvement Act, and local Board policies FB (Legal) and FB (Local).

Georgetown Independent School District

BOARD OF TRUSTEES

James Scherer
Place 1

Elizabeth McFarland
Place 2

Cody Hirt
Place 3

Stephanie Blanck
Place 4

Melanie Conner
Place 5

Jennifer Mauldin
Place 6

Dr. Stephen Benold
Place 7

East View High School
4490 E. University Ave.
Georgetown, TX 78626
512.943.1800

Georgetown High School
2211 N. Austin Ave.
Georgetown, TX 78626
512.943.5100

Richarte High School
2295 N. Austin Ave.
Georgetown, TX 78626
512.943.5120

Georgetown ISD Learner Profile

The Georgetown ISD learner…

- Communicates, collaborates, and applies critical thinking
- Creates and innovates
- Obtains knowledge through inquiry and exploration
- Adapts and perseveres
- Develops self-knowledge and personal responsibility
- Builds and models respectful relationships

Table of Contents

High School Graduation Requirements 5
Required State Assessments 6
Additional Graduation Requirements 6
- Financial Aid Application Graduation Requirement 6
- Speech Requirement 6
- Interaction on Proper Interaction with Peace Officers 6
- Instruction in CPR 6

Personal Graduation Planning 6
- College Bound 7
- Career Bound 7
- Military Bound 7
- Endorsement Pathways 8
- GISD Endorsement Pathway Chart 8

Recommended Program of Study Course Sequences 9
Math Sequences 36
Performance Acknowledgements 38
- Bilingualism and Bi-literacy Performance Acknowledgement 38
- Dual Credit Performance Acknowledgement 38
- AP Performance Acknowledgement 39
- PSAT/NMSQT®, SAT®, or ACT® Performance Acknowledgement 39
- Business or Industry Certification or License Performance Acknowledgement 39

High School Credit through Distance Learning 40
- High School Credit Awarded Upon College Course Completion (outside GISD) 40

High School Credit through Credit By Exam 41
- Credit By Exam for Credit Recovery 41
- Credit By Exam for Acceleration 41

College Credit through High School Courses 41
- College Board Advanced Placement Program 41
- Dual Enrollment (University of Texas at Austin OnRamps) 42
- Dual Credit Program - Austin Community College 43
  - Dual Credit 43
  - ACCTech (Articulated) 43
- College Credit Options through High School Courses: What's the Difference? 44
- GISD District Advanced Course Guidelines 45

Career Exploration through High School Courses 46
- Career and Technical Education 46

Additional Advanced Options 47
- Gifted and Talented Services 47
- Independent Study 47

College & Military Entrance 48
- College Entrance Exams 48

Admission to Texas Public Colleges and Universities 48
Texas Success Initiative- TSI 48
Armed Services Vocational Aptitude Battery 48
Free Application for Federal Student Aid (FAFSA) 49
Texas Application for State Financial Aid (TASFA) 49
Early Graduation Considerations 49
GPA Calculation and Reporting 50

High School Course Offerings
English/Language Arts HS-1
Other Language Arts / Reading HS-10
Mathematics HS-12
Science HS-22
Social Studies HS-33
Languages Other Than English HS-43
Electives HS-48
Career and Technical Education – General HS-48
CTE – Agriculture, Food and Natural Resources HS-51
CTE – Arts, Audio/Video and Communications HS-55
CTE – Business, Management and Administration HS-58
CTE – Education and Training HS-60
CTE – Finance HS-61
CTE – Health Science HS-62
CTE – Hospitality and Tourism HS-64
CTE – Human Services HS-66
CTE – Law, Public Safety, Corrections and Security HS-69
CTE – Science, Technology, Engineering and Math HS-71
CTE – Transportation, Distribution and Logistics HS-75
Fine Arts HS-77
Journalism and Communications HS-96
Other Electives HS-100
Physical Education/Athletics/Health HS-104
Committee Placement Electives HS-114

Middle School Course Listings
English/Language Arts MS-1
Mathematics MS-4
Science MS-8
Social Studies MS-10
Physical Education/Athletics/Health MS-12
Fine Arts MS-15
Other Electives MS-19

Not all courses listed in this catalog may be available on all campuses or may be offered in a given year. Please remember a minimum number of students is required in a class for the class to be staffed and scheduled.

High School Graduation Requirements

GISD offers students the opportunity to choose among State-mandated graduation requirement plans. Since entrance requirements vary greatly from college to college and employers have varying needs and requirements, students should carefully consider high school course selections and investigate postsecondary entrance and entry level employment requirements prior to selecting their graduation plan. Students in GISD must complete a minimum of 26* credits to receive a high school diploma on the Foundation⁺ Endorsement(s) Plan. The Distinguished Level of Achievement graduation plan is required to qualify for Automatic (Top 10%) Admission to Texas state colleges and universities.

All courses used to meet State graduation requirements must be selected from State Board of Education (SBOE)-approved courses, with the exception of some elective credits which may be locally approved. All courses in this catalog are State Board-approved unless noted as Local Credit Only. Locally developed electives (Local Credit Only) have been designed to meet an identified GISD need or interest.

Foundation High School Program 22 Credits*	**Foundation⁺ Endorsement(s) 26 Credits**	**Distinguished Level of Achievement 26 Credits**
● **4 credits English**: ELA I, II, III, one credit in any advanced English course ● **3 credits Mathematics:** Algebra I, Geometry, one credit in any advanced mathematics course ● **3 credits Science:** Biology, one credit in IPC or in any advanced science course, any advanced science course ● **3 credits Social Studies:** World Geography or World History (1 credit), U.S. History (1 credit), Government (0.5 credit), and Economics (0.5 credit) ● **2 credits in the same language:** World Languages or Computer Programming ● **1 credit Physical Education** ● **1 credit Fine Arts** ● **5 credits in Elective Courses** (0.5 credit Health course required in GISD, leaving 4.5 elective credits available) ***A 22-credit Foundation High School Plan without an endorsement can be considered at the beginning of the junior year. However, this requires a meeting with the counselor, parent/guardian and student to discuss post-secondary implications.**	● **4 credits English:** ELA I, II, III, one credit in any advanced English course ● **4 credits Mathematics:** Algebra I, Geometry, and two credits in any authorized mathematics course ● **4 credits Science:** Biology, one credit in IPC or in any advanced science course, any two advanced science courses ● **3 credits Social Studies:** World Geography or World History (1 credit), U.S. History (1 credit), Government (0.5 credit), and Economics (0.5 credit) ● **2 credits in the same language:** World Languages or Computer ● **1 credit Physical Education** ● **1 credit Fine Arts** ● **7 credits in Elective Courses** (0.5 credit Health course required in GISD, leaving 6.5 elective credits available) **Meet curriculum requirements for at least 1 endorsement**	**4 credits English:** ELA I, II, III, one credit in any advanced English course **4 credits Mathematics:** Algebra I, Geometry, Algebra 2, and one credit in any authorized mathematics course **4 credits Science:** Biology, one credit in IPC or in any advanced science course, any two advanced science courses **3 credits Social Studies:** World Geography or World History (1 credit), U.S. History (1 credit), Government (0.5 credit), and Economics (0.5 credit) **2 credits in the same language:** World Languages or Computer **1 credit Physical Education** **1 credit Fine Arts** **7 credits in Elective Courses** (0.5 credit Health course required in GISD, leaving 6.5 elective credits available) **Meet curriculum requirements for at least 1 endorsement**

Required State Assessments for Graduation

STAAR (State of Texas Assessments of Academic Readiness) End-of-Course (EOC) Requirements for Graduation:

- English 1
- English 2
- Algebra 1
- Biology
- US History

Each EOC exam will have a designated satisfactory performance score. If the student does not meet the score requirement, the student will be required to retake the test. Students not passing the EOC may retest during scheduled testing administrations.

Additional Graduation Requirements

In addition to meeting graduation credit requirements, students must also satisfy the following requirements to receive a high school diploma:

Financial Aid Application Requirement: All **12th grade students** must do one of the following in order to graduate:

- Complete and submit a Free Application for Federal Student Aid (FAFSA)
- Complete and submit a Texas Application for State Financial Aid (TASFA)
- Submit a signed opt-out form

Speech Requirement: Chapter §74.11. of Texas Education Code requires students to demonstrate proficiency in communication skills needed for professional and social success. This state requirement will be met through the completion of English IV or approved substitutions.

Instruction on Proper Interaction with Peace Officers: Chapter §74.39. of Texas Education Code requires students receive instruction in proper interaction with police officers at least once before graduation from high school. GISD students receive this instruction during their sophomore year.

Instruction in Cardiopulmonary Resuscitation (CPR): Chapter §74.38. of Texas Education Code requires students to receive instruction in CPR at least once in grades 7-12 before graduation. CPR Instruction is provided to GISD students during their senior year.

Personal Graduation Planning

Georgetown ISD personal graduation plans (PGPs) have been created to meet the post-secondary needs of all students. When selecting courses, students should align their PGP with their post-secondary aspirations, and where possible they should also consider courses that allow for multiple college, career, or military-related options after high school. It is

important for students to create a rigorous plan while maintaining a healthy balance of extra-curricular and/or part-time work opportunities. Choosing courses that meet their educational needs or interests is the best way to prepare for their future. In addition, students in Georgetown ISD are strongly encouraged to complete an Endorsement Pathway.

The GISD Personal Graduation Planning website houses information to aid students and parents in learning about all course options, including endorsement pathways, while supporting students in creating or updating their PGPs. It is the student and parent's responsibility to see that the requirements for graduation from high school are met. If students have any questions about courses, registration, state-required exit level exams or other graduation requirements, contact the campus counseling department.

College Bound

Students planning on attending an institution of higher education after graduation should investigate post-secondary entrance requirements and career pathways within Career and Technical Education (CTE) that align hands-on high school learning experiences with post-secondary aspirations. Since entrance requirements vary greatly from college to college, students who are college-bound should carefully consider high school course selections and investigate college entrance requirements prior to developing their graduation plan. It is important to note students who have completed college credit courses in high school are twice as likely to graduate from college on time in four years or a semester earlier than students who have not. It is also important to note that there are options to support students in paying for a college education which may include various scholarships, completion of the Free Application for Federal Student Aid (FAFSA)or Texas Application for State Financial Aid (TASFA). Students should research their requirements prior to developing their plan.

Career Bound

Students planning to seek employment in a career field after graduation should investigate industry certification requirements and industry experience requirements that could be met through advanced (CTE) courses, practicums, or career preparation work study hours prior to selecting their courses and developing their graduation plan. A large percentage of students enrolled in CTE courses are planning to pursue post-secondary education; therefore, it is advised that career bound students also investigate college and technical school entrance requirements prior to developing their graduation plan.

Military Bound

Students planning to seek employment in a branch of the armed services directly after graduation should research the requirements of the various branches of the military and the military occupation specialties therein and should select a program of study that will prepare them for success. Military bound students should also consider both physical fitness preparation and preparation for the Armed Services Vocational Aptitude Battery (ASVAB) test, which assesses arithmetic reasoning, word knowledge, paragraph comprehension, and mathematics knowledge, prior to selecting their courses and graduation plan. It is important to note that scores on the ASVAB determine access to certain military occupation specialties, and it is also important to note that students who seek to become commissioned officers in a branch of the military might want to consider selecting NJROTC in high school and pursuing an ROTC scholarship for college. Additionally, military enlistment can provide debt free access to a college education and cost free certification in a multitude of career fields.

Endorsement Pathways

An endorsement is an over-arching area of study. Within each of the five endorsement areas are multiple pathways designed so a student may choose courses toward completion of their high school diploma. The five endorsements are STEM, Business and Industry, Public Services, Arts and Humanities, and Multidisciplinary Studies.

Students must choose at least one endorsement, or area of concentration, upon entering the ninth grade. Earned endorsements will be noted on high school transcripts. Some endorsements can lead to industry certification upon completion of the course sequence and after successfully passing the certification examination.

Students can earn an endorsement by successfully completing at least one of the Pathway requirements on the GISD Endorsement Pathway chart below. View the specific course requirements for each Pathway area by clicking on the link in the chart below or by reviewing the Recommended Program of Study Course Sequence charts on page 9-34 of this guide. Additionally, families may choose to reference the GISD Endorsement Pathway Sequences sheet. Courses chosen during high school become the foundation for the future; therefore, careful selection of courses will form a Pathway related to a chosen post-secondary educational goal. Please remember, there is a minimum number of students required in a class for the class to be staffed and scheduled.

GISD Endorsement Pathway Chart

ARTS & HUMANITIES		BUSINESS & INDUSTRY	PUBLIC SERVICE
Art	**Band & Orchestra**	**Agriculture, Food, & Natural Resources**	**Health Science**
Drawing	Band	Animal Science	Nursing Aide/ Assistant
Painting	Orchestra	Plant Science: Floral Design	Patient Care Tech
Photography	Jazz Band	Applied Agricultural Engineering	Pharmacy Tech
Ceramics	**Choir**	**Arts, A/V Tech & Communications**	Biotechnology
Sculpture	Choir 1-4	Digital Communications: Audio/Video Production	**Education & Training**
Art History	**Theatre**	**Business Management, Marketing, & Finance**	Teaching & Early Learning
Dance	Theatre 1-4		**Cosmetology, Design, & Color Theory**
Dance 1-4	Theatre Tech	Accounting and Financial Services	Cosmetology
Dance Team	**World Languages**	Business Management	**Mental Health & General Human Services**
Color Guard	French (4 credits)	**Hospitality & Tourism**	Counseling & Mental Health
Social Studies	German (4 credits)	Culinary Arts	**Law, Public Safety, Corrections & Security**
Social Studies (5 credits)	Spanish (4 credits)	**Transportation, Distribution, & Logistics**	Criminal Justice
STEM		Automotive Technology	**NJROTC**
Engineering	**Computer Science**	**Journalism**	NJROTC 1-4
Engineering & CIM	Programming & Software Development: Computer Science	Yearbook	**MULTIDISCIPLINARY**
Aerospace, Rocketry, & Unmanned Flight			Option 1: College & Workforce Ready Option 2: 4x4 Core courses Option 3: Four Advanced Credits
Advanced Math	**Advanced Science**		
Math (5 credits)	Science (5 credits)		

Recommended Program of Study Course Sequence

The Endorsement Pathway cards below can be used as a guide to help students in developing their personal graduation plan (PGP). Each chart follows a GISD endorsement pathway and includes the following:

- Possible career paths a student may pursue after high school
- Recommended Course Sequences
- Course requirements to earn the specified endorsement
- Related High School Clubs and Organizations in which students can get involved to enrich their learning

Pay close attention to the number of course credits needed to earn the endorsement and the number of credits in the courses from the pathway that you have selected. Though you may adjust the recommended sequence to meet your needs, it is not advised without discussing the implications with your counselor.

<table>
<tr><th colspan="5">Arts & Humanities Endorsement</th></tr>
<tr><td colspan="5">Fine Arts: Visual Arts
(4 credits required)</td></tr>
<tr><td colspan="5">Possible career paths</td></tr>
<tr><td colspan="5">Performing and/or visual arts, education, design, architecture, videography, communications.</td></tr>
<tr><th>Pathway</th><th colspan="4">Sequencing Example</th></tr>
<tr><td colspan="5">Sequencing would be dependent on student’s field of interest. Below are some examples.</td></tr>
<tr><td></td><td>9th</td><td>10th</td><td>11th</td><td>12th</td></tr>
<tr><td>Art
Drawing</td><td>Art 1
1 credit</td><td>Art 2: Drawing
1 credit</td><td>Art 3: Drawing
1 credit</td><td>AP Drawing
1 credit</td></tr>
<tr><td colspan="5">Choose 4 credits from the Visual Art Category or choose 4 credits from up to 2 of the Fine Arts Disciplines including visual arts and performing arts categories</td></tr>
<tr><td colspan="5">Visual Arts</td></tr>
<tr><td colspan="5">● Art 1, 1 credit
● Art 2 & 3 Digital Art & Media, 1 credit each
● Art 2-4 Ceramics ,1 credit each
● Art 2-4 Drawing, 1 credit each
● Art 2-4 Painting, 1 credit each
● Art 2-4 Photography, 1 credit each
● Art 2-4 Sculpture, 1 credit each
● AP Drawing, 1 credit
● AP 2D Art & Design, 1 credit
● AP 3D Art & Design, 1 credit
● AP Art History, 1 credit</td></tr>
<tr><td colspan="5">Related High School Clubs Organizations</td></tr>
<tr><td colspan="5">National Art Honor Society, Game Design Club, Yearbook, NewsAdvanceder</td></tr>
</table>

Arts & Humanities Endorsement

Fine Arts: Performing Arts

(4 credits required)

Possible career paths

Performing arts, education, communications.

Pathway	Sequencing Examples			
Sequencing would be dependent on student's field of interest. Below are some examples.				
	9th	10th	11th	12th
Band	Band 1 *1 credit*	Band 2 *1 credit*	Band 3 *1 credit*	Band 4 *1 credit*
Choir	Choir 1 *1 credit*	Choir 2 *1 credit*	Choir 3 *1 credit*	Choir 4 *1 credit*
Theatre Fac Management	Theatre 1 *1 credit*	Theatre Tech 2 *1 credit*	Theatre Facility Management 2 *1 credit*	Theatre Facility Management 3 *1 credit*
Dance	Dance 1 *1 credit*	Dance 2 *1 credit*	Dance 3 *1 credit*	Dance 4 *1 credit*
Orchestra	Orchestra 1 *1 credit*	Orchestra 2 *1 credit*	Orchestra 3 *1 credit*	Orchestra 4 *1 credit*

Choose 4 credits from the Visual Art Category or choose 4 credits from up to 2 of the Fine Arts Disciplines listed below

Music	Dance	Theatre
• Band 1-4, *1 credit each* • Choir 1-4, 1 credit each • Jazz Band 1-4,*1 credit each* • Orchestra 1-4, *1 credit each* • Instrumental Ensemble 1-4, *1 credit each* • Vocal Ensemble 1-4,*1 credit each* • Music Theory, *1 credit* • AP Music Theory, *1 credit*	• Dance 1-4, *1 credit each* • Dance Team 1-4, *1 credit each* • Dance Color Guard 1-4, *1 credit each* • Dance 1 -2 Choreography, *1 credit each*	• Theatre 1-4, *1 credit each* • Technical Theatre 1-4, *1 credit each* • Theatre Production 1, *1 credit each* • Theatre Facility Management 2-4, *1 credit each*

Related High School Clubs Organizations

Band, Dance Team, Color Guard, Theatre, Choir, Drama Club, Texas Association of Future Educators, Texas Future Music Educators, Skills USA

Arts & Humanities Endorsement					
World Languages *(4 credits required)*					
Possible career paths					
Translator, Linguist, Ambassador, International Business partner, Communications, Educator					
Pathway	**Recommended Course Sequences**				
	8th	9th	10th	11th	12th
Spanish 1 in 8th	Spanish 1 *1 credit*	Spanish 2 *1 credit*	Spanish 3 *1 credit*	AP Spanish 4 *1 credit*	AP Spanish 5 *1 credit*
Spanish1 in 9th		Spanish 1 *1 credit*	Spanish 2 *1 credit*	Spanish 3 *1 credit*	AP Spanish 4 *1 credit*
German		German 1 *1 credit*	German 2 *1 credit*	German 3 *1 credit*	AP German 4 *1 credit*
French		French 1 *1 credit*	French 2 *1 credit*	French 3 *1 credit*	AP French 4 *1 credit*
Choose 4 credits in one language OR 2 credits in one language and 2 credits in an additional language.					
● French 1-4 *1 credit each* ● German 1-4, *1 credit each* ● Spanish 1-5, *1 credit each* *Please note: Students who are fluent in Spanish or another language, may request to take an exam to earn credit towards their language requirement and/or placement in a higher level of the language. Please see your campus counselor for more information.*					
Related High School Clubs or Organizations					
Book Club, Teen Court Club, Cultural Connections Club, Interact Club, Student Council,French Honor Society, Sociedad Honoraria Hispanica					

Arts & Humanities Endorsement

Social Studies

(5 credits required)

Possible career paths

Archaeologist, Museum Curator, political scientist, politician, lawyer, psychologist, philosopher, Ambassador, historian, educator, seminarian.

Pathway	Recommended Course Sequences			
	9th	10th	11th	12th
Social Studies Core	World Geography *1 credit*	World History *1 credit* *Or* Social Studies Elective credit *1 credit*	US History *1 credit* AND Social Studies Elective credit *1 credit*	Government *0.5 credit* AND Economics *0.5 credit*
Social Studies Advanced	AP Human Geography *1 credit*	AP World History *1 credit* *Or* Social Studies Elective credit *1 credit*	AP US History *1 credit* AND Social Studies Elective credit *1 credit*	AP Government *0.5 credit* AND AP Economics *0.5 credit*

Required Credits for this pathway (3)

1. World Geography/ AP Human Geography **OR** World History/ AP World History (one of these two courses is required for graduation)
2. US History/ AP US History* (required for graduation)
3. Government / AP Government AND Economics/ AP Economics* (both of these are required for graduation)

*Dual Credit or OnRamps Credits for US History, Government, and Economics would also count towards this pathway.

Choose 2 additional social studies elective credits from those listed below

- Ethnic Studies: African American Studies, *1 credit*
- Ethnic Studies: Mexican American Studies, *1 credit*
- European History AP, *1 credit*
- Psychology AP, *1 credit*
- Influence of the Old/New Testament, *1 credit*
- Sociology, *0.5 credit*
- Psychology, *0.5 credit*
- Personal Financial Literacy, *0.5 credit*

Related High School Clubs or Organizations

Book Club, Teen Court Club, Cultural Connections Club, Interact Club, Student Council, NJROTC

Business & Industry Endorsement

Agriculture, Food, Natural Resources: Animal Science

*Click on the link above to learn about Animal Science

(4 credits required)

Possible career paths

Agricultural & Food Technicians, Environmental Scientists, Farmworker, Veterinarian, Forest and Conservation Worker, Zoologist, Wildlife Biologist, Park Naturalist, Educator, Agribusiness, Energy Specialist, Ecologist.

Pathway	Recommended Course Sequences			
	9th	10th	11th	12th
Vet Med	Principles of Agriculture, Food, & Natural Resources *1 credit*	Small Animal Management *0.5 credit* AND Equine Science *0.5 credit*	Veterinary Medical Applications *1 credit*	Practicum in AFNR *2 credits**
Livestock	Principles of Agriculture, Food, & Natural Resources *1 credit*	Livestock Production *1 credit*	Advanced Animal Science *1 credit*	Practicum in AFNR *2 credits**

Choose 4 credits, including 2 credits in the same career cluster and one CTE advanced credit
(CTE advanced credits are in bold type)

- Principles of Agriculture, Food, & Natural Resources, *1 credit*
- Small Animal Management, *0.5 credit*
- Equine Science, *0.5 credit*
- **Livestock Production**, *1 credit*
- Wildlife, Fisheries, and Eco Management, *1 credit*
- **Veterinary Medical Applications,** *1 credit*
- **Advanced Animal Science,** *1 credit*
- **Practicum in Agriculture, Food, & Natural Resources*,** *2 credits*

Please note: Advanced Animal Science counts as a science credit. Please see the Course Guide for rank & GPA implications.

Possible Certifications

*Certified Veterinary Assistant Certification (CVA)

Related High School Clubs or Organizations

Archery Club, Future Farmers of America (FFA), Veterinary Assistant Program, Skills USA

Business & Industry Endorsement

Agriculture, Food, Natural Resources: Plant Science

* Click on the link above to learn about Plant Science

(4 credits required)

Possible career paths

Agricultural & Food Technicians, Environmental Scientists, Farmworker, Veterinarian, Forest and Conservation Worker, Zoologist, Wildlife Biologist, Park Naturalist, Educator, Agribusiness, Energy Specialist, Ecologist, Floral Design, Landscape/ Environmental Planner.

Recommended Course Sequences

Floral Design	9th Principles of Agriculture, Food, & Natural Resources *1 credit*	10th Floral Design* *1 credit*	11th Advanced Floral Design** *1 credit*	12th Practicum in AFNR*** *2 credits* *Or* Advanced Plant and Soil Science *1 credit*

Choose 4 credits, including 2 credits in the same career cluster and one CTE advanced credit
(CTE advanced credits are in bold type)

- Principles of Agriculture, Food, & Natural Resources, *1 credit*
- **Floral Design***, *1 credit*
- **Advanced Floral Design****, *1 credit*
- **Advanced Plant and Soil Science**, *1 credit*
- **Practicum in Agriculture, Food, & Natural Resources,** 2 credits

Please note: Advanced Plant & Soil Science counts as a science credit. Please see the Course Guide for rank & GPA implications.

Possible Certifications

Texas State Floral Assoc. Knowledge-based Certification*
Texas State Floral Assoc. Level 1**
Texas State Floral Assoc.Level 2***

Related High School Clubs or Organizations

Archery Club, Future Farmers of America (FFA), Skills USA

Business & Industry Endorsement				
Agriculture, Food, Natural Resources: Applied Agricultural Engineering *Click on the link above to learn more about Applied Agricultural Engineering *(4 credits required)*				
Possible career paths				
Agricultural & Food Technicians, Environmental Scientists, Farmworker, Veterinarian, Forest and Conservation Worker, Zoologist, Wildlife Biologist, Park Naturalist, Educator, Agribusiness, Energy Specialist, Ecologist, Floral Design, Landscape/ Environmental Planner.				
Pathway	**Recommended Course Sequences**			
	9th	10th	11th	12th
Ag Design & Fab	Principles of Agriculture, Food, & Natural Resources *1 credit*	Agriculture Mechanics & Metal Technologies *1 credit*	Agriculture Structural Design & Fabrication* *1 credit* *Or* Agriculture Structural Design & Fabrication/ Lab* *2 credits*	Agriculture Equipment Design & Fabrication *1 credit* OR Agriculture Equipment Design / Lab *2 credits* OR Practicum of Agriculture, Food, Natural Resources *2 credits*
Choose 4 credits, including 2 credits in the same career cluster and one CTE advanced credit **(CTE advanced credits are in bold type)**				
• Principles of Agriculture, Food, & Natural Resources, *1 credit* • Agriculture Mechanics & Metal Technologies, *1 credit* • **Agriculture Structural Design & Fabrication***, *1 credit* • **Agriculture Structural Design & Fabrication/ Lab*** 2 credit • **Agriculture Equipment Design & Fabrication,***1 credit* • **Agriculture Equipment Design & Fabrication/ Lab,** *2 credits* • Ag Lab & Field Experience (if taken, must be taken with course above), *1 credit* • **Practicum of Agriculture, Food, Natural Resources Practicum**, *2 credits*				
Possible Certifications				
AWS SENSE Welding*				
Related High School Clubs or Organizations				
Archery Club, Future Farmers of America (FFA), Automotive Technology, Skills USA				

Business & Industry Endorsement				
Arts, A/V Tech, & Communications *(4 credits required)*				
Possible career paths				
Performing Arts, Videography, Directing, Technical Design, Technical Writing, Editing, Broadcasting, Animation, Multimedia Communications, Education				
Pathway	**Recommended Course Sequences**			
	9th	10th	11th	12th
A/V	Principles of Arts, Audio/Video Technology & Communications *1 credit*	Audio/ Video Production 1 *1 credit* *OR* Audio/ Video Production 1 with lab *2 credits*	Audio/ Video Production 2 *1 credit* *OR* Audio/ Video Production 2 with lab *2 credits*	Practicum in Audio/Video Production *2 credits*
Graphic Design & Multimedia Arts	Principles of Arts, Audio/Video Technology & Communications *1 credit*	Commercial Photography 1 *1 credit* or Digital Media 1 credit	Commercial Photography 1 *1 credit* or Commercial Photography 2 *1 credit*	Commercial Photography 2 *1 credit* *or* Career Prep I *2 credits*
Choose 4 credits, including 2 credits in the same career cluster and one CTE advanced credit **(CTE advanced credits are in bold type)**				
• Principles of Arts, Audio/Video Technology & Communications, *1 credit* • Audio/ Video Production 1, *1 credit* • Audio/ Video Production 1 with lab, *2 credits* • **Audio/ Video Production 2**, *1 credit* • **Audio/ Video Production 2 with lab**, *2 credits* • Commercial Photography 1, *1 credit* • **Commercial Photography 2**, *1 credit* • Digital Media, 1 credit • **Practicum in Audio/Video Production**, 2 credits • **Entrepreneurship**, *1 credit* • **Career Prep**, 2 credits				
Related High School Clubs or Organizations				
Yearbook, Drama Club, Entrepreneurship, Game Design Club, Skills USA				

Business & Industry Endorsement

Accounting and Financial Services: Accounting

(4 credits required)

Possible career paths

Securities & Investments, business finance, sales, managers, analysts, accountants, insurance appraisals, banking services, education.

Pathway	Recommended Course Sequences			
	9th	10th	11th	12th
Accounting	Principles of Business, Marketing, & Finance *1 credit*	Business Information Management 1 *1 credit*	Accounting 1 *1 credit*	Accounting 2* *1 credit*
Insurance	Principles of Business, Marketing, & Finance *1 credit*	Business Information Management 1 *1 credit*	Insurance Operations** *1 credit*	Practicum of Business *2 credits*

Choose 4 credits, including 2 credits in the same career cluster and one advanced credit
(advanced credits are in bold type)

- Principles of Business, Marketing, & Finance, *1 credit*
- Accounting 1, *1 credit*
- **Accounting 2**, *1 credit*
- Business Information Management, *1 credit*
- **Insurance Operations**,*1 credit*
- **Practicum of Business***, 2 credits*

Possible Certifications

Insurance Service Representative**, Volunteer Income Tax Assistance*

Related High School Clubs or Organizations

Skills USA, Mu Alpha Theta

Business & Industry Endorsement				
Business Management *(4 credits required)*				
Possible career paths				
Management, Entrepreneurship, Human Resources, Administrative support, operations management, Business information systems, business owner, education.				
Pathway	**Recommended Course Sequences**			
	9th	10th	11th	12th
Business Management	Principles of Business, Marketing, & Finance *1 credit*	Business Information Management *1 credit*	Business Management *1 credit*	Entrepreneurship *1 credit* OR Business Law *1 credit* *OR* Practicum of Business *2 credits*
Choose 4 credits, including 2 credits in the same career cluster and one CTE advanced credit **(CTE advanced credits are in bold type)**				
● Principles of Business, Marketing, & Finance, *1 credit* ● Business Information Management, *1 credit* ● Business Law, *1 credit* ● **Business Management**, *1 credit* ● **Entrepreneurship**, *1 credit* ● **Practicum of Business**, *2 credits*				
Related High School Clubs or Organizations				
Skills USA, Mu Alpha Theta				

Business & Industry Endorsement				
Hospitality & Tourism: Culinary *Click on the link above to learn about Culinary Arts *(4 credits required)*				
Possible career paths				
Restaurant workers, chefs, bakers, hotel management, travel and tourism, recreation, amusement, and attractions management and services, sales, realtors,education.				
Pathway	**Recommended Course Sequences**			
Culinary	9th Intro to Culinary Arts *1 credit*	10th Culinary Arts* *2 credits*	11th Advanced Culinary Arts* *2 credits*	12th Practicum of Culinary Arts *2 credits*
Choose 4 credits, including 2 credits in the same career cluster and one CTE advanced credit **(CTE advanced credits are in bold type)**				
● Principles of Hospitality & Tourism, *1 credit* ● Intro to Culinary Arts, *1 credit* ● Culinary Arts, *2 credits* ● **Advanced Culinary Arts**, *2 credits* ● **Practicum of Culinary Arts**,2 *credits*				
Possible Certifications				
ServSafe Manager*				
Related High School Clubs or Organizations				
FCCLA, Skills USA				

Business & Industry Endorsement

Transportation, Distribution, & Logistics- Automotive Technology

(4 credits required)

Possible career paths

Automotive Mechanic, sales, transportation operations, management, warehousing and distribution operations, health, safety, and environmental maintenance, transportation training & education.

Pathway	Recommended Course Sequences			
Auto Tech	9th Automotive Basics *1 credit*	10th Automotive Technology 1: Maintenance & Light Repair * *2 credits*	11th Automotive Technology 2: Automotive Service *2 credits*	12th Practicum in Transportation Systems *2 credits*

Choose 4 credits, including 2 credits in the same career cluster and one CTE advanced credit
(CTE advanced credits are in bold type)

- Automotive Basics, *1 credit*
- Automotive Technology 1: Maintenance & Light Repair, *2 credits**
- **Automotive Technology 2: Automotive Service,** *2 credits*
- **Practicum in Transportation Systems**, *2 credits*

Possible Certifications

ASE Entry-Level*

Related High School Clubs or Organizations

Skills USA, Automotive Technology

Business & Industry Endorsement				
Journalism *(4 credits required)*				
Possible career paths				
Videography, Directing, Technical Design, Technical Writing, Editing, Broadcasting, Animation, Multimedia Communications, Education				
Pathway	**Recommended Course Sequences**			
	9th	10th	11th	12th
Yearbook	9th Journalism *1 credit*	10th Yearbook 1 *1 credit*	11th Yearbook 2 *1 credit*	12th Yearbook 3 *1 credit*
For additional Communication course options, see the Arts, A/V Tech, & Communications Pathway card				
Choose 4 credits, including 3 credits in newsAdvanceder or yearbook				
• Journalism, *1 credit* • Yearbook 1-3, *1 credit each*				
Related High School Clubs or Organizations				
Yearbook, Skills USA				

Business & Industry Endorsement
Combination Business & Industry *(4 credits required)*
Possible career paths
Management, Entrepreneurship, Human Resources, Administrative support, operations management, Business information systems, business owner, education.
Recommended Sequence
Sequencing would be dependent on prerequisite courses and student interest area
Choose 4 credits in a combination of classes from and of the Business & Industry pathways below
● Agriculture, Food & Natural Resources: Animal Science ● Agriculture, Food & Natural Resources: Natural Resources ● Agriculture, Food & Natural Resources: Animal Science: Ag Mechanics ● Arts, A/V technology, and Communications ● Business Management ● Finance ● Hospitality & Tourism: Culinary Arts ● Transportation, Distribution, & Logistics: Automotive Technology ● Journalism
Related High School Clubs or Organizations
Skills USA, Mu Alpha Theta

Multidisciplinary

Please note: We encourage all GISD 9th graders to start on the Multidisciplinary Endorsement

Option 1: College & Workforce Ready

Course Requirements

A total of 4 additional advanced credits that prepare the student to enter postsecondary education without the need for remediation, or to successfully enter the workforce. These may include courses taken from Option 3 below in addition to the Career Prep course, CTE Practicum level courses, or any course in which a CTE certification is obtained upon completion.

Option 2: Four Foundation Subject Areas (4x4)

Course Requirements

A total of 4 credits in each of the 4 foundation areas of 1.English language arts , including either English IV, Dual Credit English, or AP English Literature, 2. Math, 3. Science, 4. Social Studies

9th	10th	11th	12th
English 1	English 2	English 3	English 4
Math	Math	Math	Math
Biology	IPC or Chemistry*	Chemistry or Physics*	Science*
World Geography	World History	US History	Government & Economics

*After completion of Biology, a student's 2nd science credit should consist of IPC or Chemistry. 3rd and 4th science credits should consist of Chemistry (if not taken during 10th grade) and or Physics, and an additional advanced science course. Students planning for admission to a four year university are highly encouraged to take both Chemistry and Physics as two of their science credit options.

**Please note: Advanced, AP, Dual Credit, or OnRamps options can be taken in many of these courses to satisfy option 2.

Option 3: Four Advanced Credits

Course Requirements

A total of 4 AP, Dual Credit, or IB* credits selected from the following categories: English Language Arts, Math, Science, Social Studies, Languages Other Than English, Fine Arts
*IB applies to transfer students only as the IB program is not offered in GISD.

Public Service Endorsement

Health Science: Healthcare Therapeutic

*Click on the link above to learn more about Heath Science Programs

(4 credits required)

Possible career paths

Biotechnology, Pathophysiology, nursing, pharmacy, physician, research, education, military career professional

Pathway	Recommended Course Sequences			
	9th	10th	11th	12th
Nurse Aide/ Assistant	Principles of Health Science *1 credit*	Medical Terminology *1 credit*	Health Science Theory *1 credit*	Practicum in HS 1:CNA* *2 credits*
Patient Care Tech	Principles of Health Science *1 credit*	Medical Terminology *1 credit*	Health Science Theory *1 credit*	Practicum in HS 1:CPCT** *2 credits*
Pharmacy Tech	Principles of Health Science *1 credit*	Medical Terminology *1 credit*	Health Science Theory *1 credit*	Practicum in HS 2: Pharm Tech*** *2 credits*
Nurse Aide/Assistant PLUS	Principles of Health Science *1 credit*	Medical Terminology *1 credit* AND Health Science Theory *1 credit*	Practicum in HS 1:CNA* *2 credits*	Practicum in HS 1:CPCT** *2 credits* *OR* Practicum in HS 2: Pharm Tech*** *2 credits*
Biotech	Principles of Health Science *1 credit*	Medical Terminology *1 credit*	Biotechnology 1 *1 credit*	Biotechnology 2 *2 credits*

Choose 4 credits, including 2 credits in the same career cluster and one CTE advanced credit
(CTE advanced credits are in bold type)

- Principles of Health Science, *1 credit*
- **Health Science Theory**, *1 credit*
- Medical Terminology, *1 credit*
- **Biotechnology 1 & 2**, *1 credit each*
- **Pathophysiology**, *1 credit*
- **Anatomy & Physiology**, *1 credit*
- **Practicum in Health Science: CNA***, *2 credits*
- **Practicum in Health Science: CPCT**** , *2 credits*
- **Practicum in Health Science: Pharmacy Tech*****, *2 credits*

Please note: Anatomy & Physiology, Biotechnology I & II, and Pathophysiology count as science credits. Please see the Course Guide for rank & GPA implications.

Possible Certifications

Certified Nursing Assistant *
Certified Patient Care Technician**
Certified Pharmacy Tech ***

Related High School Clubs or Organizations

NJROTC, Future Health Professionals (Health Occupations Students of America- HOSA), Skills USA

Public Service Endorsement				
Education & Training *Click on the link above to learn about Education & Training *(4 credits required)*				
Possible career paths				
Teacher, Professor, Administrator, Literacy Specialist, Librarian, Special Education Educator, Education Policy writer, Curriculum specialist, professional support services provider				
Pathway	**Recommended Course Sequences**			
	9th	10th	11th	12
Early Learning	Principles of Education & Training *1 credit* OR Principles of Human Services *1 credit*	Child Development *1 credit*	**Child Guidance** *2 credits*	Practicum in Education & Training *2 credits*
Teaching Training	Principles of Education & Training *1 credit*	Child Development *1 credit*	**Instructional Practices** *2 credits*	Practicum in Education & Training *2 credits*
Choose 4 credits, including 2 credits in the same career cluster and one CTE advanced credit **(CTE advanced credits are in bold type)**				
• Principles of Education & Training, *1 credit* • Principles of Human Services, *1 credit* • Child Development, *1 credit* • **Child Guidance**, *2 credits* • **Instructional Practices*, 2 credits*** • **Practicum in Education & Training, 2 credits**				
Related High School Clubs or Organizations				
TAFE - Texas Association of Future Educators, TFME - Texas Future Music Educators				

Public Service Endorsement

Human Services- Cosmetology and Personal Care Services

(4 credits required)

Possible career paths

Hairdresser, hairstylist, cosmetologist, make-up artist, skincare specialist, esthetician, manicurist, pedicurist,embalmer, barber, manager, educator

Pathway	Recommended Course Sequences			
	9th	10th	11th	12th
Cosmetology	Principles of Cosmetology, Design, & Color Theory *1 credit*	Intro to Cosmetology *1 credit*	Cosmetology 1 *2 credits*	Cosmetology 2 *2 credits*

Choose 4 credits, including one CTE advanced credit
(CTE advanced credits are in bold type)

- Principles of Cosmetology, Design, & Color Theory, *1 credit*
- Intro to Cosmetology, *1 credit*
- **Cosmetology 1**, *2 credits*
- **Cosmetology 2**, *2 credits*

Additional note:
This pathway requires a time and financial commitment. A parent of an interested student is required to attend a meeting prior to registration in the Principles of Cosmetology, Design, & Color Theory course. Students are selected to participate in this course based on a lottery system.

Related High School Clubs or Organizations

FCCLA, Skills USA, Drama Club, TAFE - Texas Association of Future Educators

Public Service Endorsement				
Human Services- Counseling & Mental Health *(4 credits required)*				
Possible career paths				
Counselor, Therapist, Social Worker, Nutritionist, Childcare worker, Early Childhood Development Specialist, manager, political scientist, sociologist,city and regional manager, philanthropist, educator				
Pathway	**Recommended Course Sequences**			
Counseling	9th Principles of Human Services *1 credit*	10th Child Development *1 credit*	11th Counseling & Mental Health *1 credit*	12th Practicum in Human Services *2 credits*
Choose 4 credits from those listed below, including one CTE advanced credit **(CTE advanced credits are in bold type)**				
● Principles of Human Services ● Child Development ● **Counseling & Mental Health** ● **Practicum in Human Services** (2 credits)				
Related High School Clubs or Organizations				
TAFE - Texas Association of Future Educators, Key Club, Locker, Student Council, Interact Club				

Public Service Endorsement

Law, Public Safety, Corrections, & Security- Criminal Justice

(4 credits required)

Possible career paths

Military career professional, security technician,national security specialist, foreign service ambassador, politician, law enforcement officer, judge, forensic specialist

Recommended Course Sequences

Criminal Justice	9th Principles of Law, Public Safety, Corrections, & Security *1credit*	10th Law Enforcement 1 *1credit*	11th Law Enforcement 2 *1credit*	12th Forensic Science *1credit* *AND* Court Systems & Practices *1 credit* *OR* Practicum in Law, Public Safety, Corrections, & Security *2 credits*

Choose 4 credits from those listed below, including one CTE advanced credit
(CTE advanced credits are in bold type)

- Principles of Law, Public Safety, Corrections, & Security, *1credit*
- Law Enforcement 1, *1 credit*
- **Law Enforcement 2**, *1 credit*
- **Court Systems & Practices**, *1 credit*
- Forensic Science, *1 credit*
- **Practicum in Law, Public Safety, Corrections, & Security**, *2 credits*

Related High School Clubs or Organizations

NJROTC, Criminal Justice Club, Skills USA, TAFE - Texas Association of Future Educators, Key Club, Locker, Student Council, Interact Club

Public Service Endorsement				
NJROTC *(4 credits required)*				
Possible career paths				
Engineering, nuclear operations and engineering, nursing, aviation rescue swimmer, cryptologic technician, information systems technician, physician, medical support, naval aviator, attorney, business management, construction, electronics, food services and hospitality, flight operations, fire and rescue, law enforcement and security, mass communication specialist, mechanical industry technology, navy diver, intelligence specialist, musician, Navy Seal, logistics, religious program specialist, submarine electronics, national security specialist, foreign service ambassador, politician, and additional career paths within or outside of the military that require strong skills and experience in leadership, civics, and citizenship.				
Pathway	**Recommended Course Sequences**			
NJROTC	9th NJROTC 1 *1 credit*	10th NJROTC 2 *1 credit*	11th NJROTC 3 *1 credit*	12th NJROTC 4 *1 credit*
Choose 4 credits in the Navy Junior Officers Training Corps courses **(CTE advanced credits are in bold type)**				
• NJROTC 1, *1 credit* • NJROTC 2, *1 credit* • **NJROTC 3, *1 credit*** • **NJROTC 4, *1 credit***				
Related High School Clubs or Organizations				
Skills USA, Criminal Justice Club, Key Club, Locker, Student Council, Interact Club, Future Health Professionals, Engineering Club, SeaPerch,Game Design Club, Mu Alpha Theta				

Science, Technology, Engineering and Math Endorsement				
Engineering ** Click on the link above to learn more about Engineering* *(7 credits required)*				
Possible career paths				
Civil, Mechanical, Aerospace, Electrical, Industrial & Computer Engineering, Researcher, Engineering Technician,engineering educator.				
Pathway	**Recommended Course Sequences**			
	9th	10th	11th	12th
CIM	Intro to Engineering *1 credit*	Engineering Science (POE) *1 credit*	Computer Integrated Manufacturing *1 credit*	Engineering Design & Development *1 credit*
Engineering	Intro to Engineering *1 credit*	Engineering Science (POE) *1 credit*	Digital Electronics *1 credit* *Or* Civil Engineering & Architecture *1 credit*	Digital Electronics *1 credit* *Or* Civil Engineering & Architecture *1 credit* *Or* Engineering Design & Development *1 credit*
Recommended math course sequence for this pathway				
Algebra 1 in middle school	Geometry	Algebra 2	Precalculus	AP Calculus AB or BC
Required credits for this pathway (5)				
1. Algebra 2, 1 credit 4. Intro to Engineering Design, 1 credit		2. Chemistry, 1 credit 5. Engineering Science (POE), 1 credit		3. Physics, 1 credit
Choose 2 additional advanced engineering credits from those listed below				
• **Digital Electronics**, *1 credit* • **Civil Engineering & Architecture**, *1 credit* • **Aerospace Engineering**, *1 credit* • **Intro to Aircraft Design**, *1 credit* • **Computer Integrated Manufacturing**, *1 credit* • **Engineering Design & Development**, *1 credit* • **Scientific Research & Design (Rockets 1)**, *1 credit* • **Engineering Design & Problem Solving (Rockets 2)**, *1 credit* • **Engineering Design & Presentation II (Systems Go 3),** *1 credit* • **Practicum in STEM**, *2 credits* ***Please note:*** Engineering Science (POE) and Scientific Research & Design II count as science credits. Please see the Course Guide for rank & GPA implications.				
Related High School Clubs or Organizations				
Engineering Club, SeaPerch,Game Design Club, Mu Alpha Theta, Skills USA				

Science, Technology, Engineering and Math Endorsement

Engineering

** Click on the link above to learn more about Engineering*
(7 credits required)

Possible career paths

Civil, Mechanical, Aerospace, Electrical, Industrial & Computer Engineering, Researcher, Engineering Technician,engineering educator.

Pathway	Recommended Course Sequences			
	9th	10th	11th	12th
Aerospace	Intro to Engineering* *1 credit*	Engineering Science (POE) *1 credit*	Aerospace Engineering *1 credit* AND Intro to Aircraft Tech *1 credit*	Practicum in STEM *2 credits*
Rocketry	Intro to Engineering* *1 credit*	Engineering Science (POE) *1 credit* *AND* Scientific Research & Design II (Systems Go 1) *1 credit*	Engineering Design & Problem Solving (Systems Go 2), *1 credit*	Engineering Design & Presentation II (Systems Go 3) *1 credit*
Unmanned Flight: *Drones*	Intro to Engineering* *1 credit*	Engineering Science (POE) *1 credit*	Introduction to Unmanned Aerial Vehicles, *1 credit*	Practicum in STEM *2 credits* **Must take this final course to earn this endorsement pathway*

Recommended math course sequence for this pathway

Algebra 1 in middle school	Geometry	Algebra 2	Precalculus	AP Calculus AB or BC

Required credits for this pathway (5)

1. Algebra 2, 1 credit
2. Chemistry, 1 credit
3. Physics, 1 credit
4. Intro to Engineering Design, 1 credit
5. Engineering Science (POE), 1 credit

Choose 2 additional advanced engineering credits from those listed below

- **Digital Electronics**, *1 credit*
- **Civil Engineering & Architecture**, *1 credit*
- **Aerospace Engineering**, *1 credit*
- **Intro to Aircraft Design**, *1 credit*
- **Computer Integrated Manufacturing**, *1 credit*
- **Engineering Design & Development**, *1 credit*
- **Scientific Research & Design (Rockets 1)**, *1 credit*
- **Engineering Design & Problem Solving (Rockets 2)**, *1 credit*
- **Engineering Design & Presentation II (Systems Go 3),** *1 credit*
- **Introduction to Unmanned Aerial Vehicles***, 1 credit*
- **Practicum in STEM**, *2 credits*

Please note: Engineering Science (POE) and Scientific Research & Design II count as science credits. Please see the Course Guide for rank & GPA implications.

Related High School Clubs or Organizations

Engineering Club, SeaPerch,Game Design Club, Mu Alpha Theta, Skills USA

Science, Technology, Engineering and Math Endorsement					
Programming & Software Development: Computer Science ** Click on the link above to learn more about Computer Science* *(7 credits required)*					
Possible career paths					
Computer Hardware Engineers, Computer Programmer, Researcher, Engineering Technician, Computer Science Educator, manager, sales.					
Pathway	**Recommended Course Sequences**				
	7th/ 8th	9th	10th	11th	12th
CS - AP		Computer Science 1 *1 credit*	Computer Science Principles AP *1 credit*	Computer Science A AP *1 credit*	Game Programing & Design *1 credit*
CS	Fundamentals of Computer Science *1 credit*	Computer Science 1 *1 credit*	Computer Science A AP *1 credit*	Game Programing & Design *1 credit*	Tech Apps Independent Study *1 credit*
Recommended math course sequence for this pathway					
	Algebra 1	Geometry	Algebra 2	Precalculus	AP Calculus AB or BC
Required credits for this pathway (3)					
1. Algebra 2, *1 credit*		*2.* Chemistry, *1 credit*		*3.* Physics, *1 credit*	
Choose 4 Computer science or programming credits from those listed below **(advanced credits are in bold)**					
• Fundamentals of Computer Science, *1 credit*, Middle School offering only • **Computer Science Principles AP**, *1 credit* • Computer Science 1, *1 credit* • **Computer Science A AP**, *1 credit* • Game Programing & Design, *1 credit* • Tech Apps Independent Study, *1 credit*					
Related High School Clubs or Organizations					
Engineering Club, SeaPerch,Game Design Club, Mu Alpha Theta, Skills USA					

Science, Technology, Engineering and Math Endorsement

Advanced Math

(7 credits required)

Possible career paths

Engineer,Mathematician, Statistician, Researcher, Analyst, Economist, Computer Programmer, Software Developer, Mathematics educator.

Possible Course Sequences

Sequencing would be dependent on student's interests and course prerequisites.
Below are some examples.

		9th Algebra 1 *1 credit*	10th Geometry *1 credit*	11th Algebra 2 *1 credit* AND Computer Science AP *1 credit*	12th Pre-Calculus *1 credit*
	8th Algebra 1 *1 credit*	9th Geometry *1 credit*	10th Algebra 2 *1 credit*	11th Pre-calculus *1 credit*	12th AP Calculus AB *1 credit*
7th Algebra 1 *1 credit*	8th Geometry *1 credit*	9th Algebra 2 *1 credit*	10th Pre-calculus *1 credit*	11th AP Calculus AB *1 credit*	12th AP Statistics *1 credit*

Required credits for this pathway (5)

1. Algebra 1, *1 credit*
2. Geometry, *1 credit*
3. Algebra 2, *1 credit*
4. Chemistry, *1 credit*
5. Physics, *1 credit*

Choose 2 additional credits from those listed below (prerequisite is Algebra 2 or above)

- Advanced Quantitative Reasoning, *1 credit*
- Pre-calculus, *1 credit*
- AP Calculus AB, *1 credit*
- AP Calculus BC, *1 credit*
- AP Statistics, *1 credit*
- Statistics, *1 credit*
- AP Computer Science, *1 credit*
- Math Independent Study, *1 credit*

Related High School Clubs or Organizations

Engineering Club, SeaPerch, Mu Alpha Theta

Science, Technology, Engineering and Math Endorsement

Advanced Science

(6 credits required)

Possible career paths

Anthropologist, Scientist, Medical Physician, Researcher, Biochemist, Biophysicist, Dietician, Microbiologist, Psychologist, sociologist, astronaut, meteorologist, science educator.

Possible Course Sequences

Sequencing is dependent on the student's interests and course prerequisites. Below are some examples.

9th	10th	11th	12th
Biology *1 credit*	Chemistry *1 credit*	Physics *1 credit*	Anatomy *1 credit* AND AP Biology *1 credit*
9th	10th	11th	12th
Biology *1 credit*	Chemistry *1 credit*	Physics *1 credit*	Aquatic Science *1 credit* AND AP Environmental Science *1 credit*

Required Credits for this pathway (4)

1. Biology, *1 credit*
2. Chemistry, *1 credit*
3. Physics, *1 credit*
4. Algebra 2*, 1 credit*

Choose 2 additional science credits from those listed below

- Biology AP, *1 credit*
- Chemistry AP, *1 credit*
- Physics AP, *1 credit*
- Anatomy and Physiology, *1 credit*
- AP Environmental Science, *1 credit*
- Environmental Systems,*1 credit*
- Scientific Research and Design I & II, *1 credit each*
- Advanced Animal Science, *1 credit*
- Engineering Science, *1 credit*
- Aquatic Science, *1 credit*
- Astronomy, *1 credit*
- Pathophysiology, *1 credit*
- Forensic Science, *1 credit*
- Biotechnology 1 & 2, *1 credit each*

Related High School Clubs or Organizations

Engineering Club, SeaPerch, Mu Alpha Theta, Veterinary Assistant Program, HOSA

Science, Technology, Engineering and Math Endorsement

STEM Studies Pathway

(6 credits required)

Possible career paths

Doctor, Researcher, Mathematician, Statistician, Analyst, Engineer, Computer Scientist

Recommended Sequence

Sequencing would be dependent on math pathway

Required credits for this pathway

1. Algebra II, *1 credit*
2. Chemistry, *1 credit*
3. Physics, *1 credit*

Choose 3 additional credits from no more than 2 of the areas listed below

Advanced Math	Advanced Science	Computer Science	CTE STEM
• Advanced Quantitative Reasoning • Pre-calculus • AP Calculus AB • AP Calculus BC • AP Statistics • Statistics • AP Computer Science • Math Independent Study	• Biology AP • Chemistry AP • Physics AP • Anatomy and Physiology • AP Environmental Science • Environmental Systems • Scientific Research & Design • Advanced Animal Science • Engineering Science • Aquatic Science • Astronomy • Pathophysiology • Forensic Science • Biotechnology 1& 2	• Principles of Computer Science AP • Computer Science 1 • AP Computer Science A • Game Programming & Design • Technology Applications Independent Study	• Introduction to Engineering Design • Engineering Science • Gateway to Technology (Middle School) • Aerospace Engineering • Civil Engineering & Architecture • Digital Electronics • Engineering Design & Development

Each of the above math courses is one credit course

Related High School Clubs Organizations

NJROTC, Engineering Club, SeaPerch, Mu Alpha Theta, Veterinary Assistant Program, HOSA, Mu Alpha Theta, Game Design Club

Math Sequences

Students have a number of sequences to select from with regard to math courses. The following course sequences are most commonly found in GISD. For additional information about sequences that are not found in the course guide, contact your campus counselor. When planning your math sequence, students must keep college entrance requirements in mind. It is the responsibility of the student to choose a math sequence that meets post-secondary requirements.

Course Sequencing: Success in Algebra 1 in eighth grade
Advanced Geometry (required)
Advanced Algebra 2 (required)
OnRamps Pre-Cal OR Advanced Pre-Calculus

--select fourth course from options below--

AP Statistics	AP Calculus AB	AP Calculus BC
Option for students who completed Algebra 2 and Pre-Calculus and plan on proceeding in an education/career where math is *not* emphasized.	Option for students who may be selecting a post-secondary education or pathway that required Calculus as part of the course work	Option for students who may be selecting a post-secondary education or pathway that required Calculus as part of the course work

Course Sequencing: Success in Algebra 1 in ninth grade
Algebra 1 (required)
Geometry (required)
Algebra 2 (required)

--select fourth course from options below--

Pre-Calculus or OnRamps Pre-Cal	Math College Prep	Statistics or AP Statistics	AQR	Independent Studies Contemporary Mathematics 1332
Option for students who want to pursue post-secondary education or career with a math emphasis	Option for seniors who have completed Algebra 2 and who have not met the requirements for the Texas Success Initiative (TSI)	Option for students who completed Algebra 2 and plan on proceeding in an education/career where math is *not* emphasized.	Option for students who completed Algebra 2 and plan on proceeding in an education/career where math is *not* emphasized.	Dual credit option for students who completed Algebra 2 and plan on proceeding in an education/career where math is *not* emphasized.

Course Sequencing: Emerging Math Skills Needing Additional Support
Algebra 1 (required)*

**The Strategic Learning for HS Math course may be recommended by a counselor as an additional math course to support the student in Algebra I*

--select second and third courses from options below--

Option One	**Option Two**	**Option Three**
Geometry (required)	Geometry (required)	Algebraic Reasoning** *Alg 1 prerequisite*
Algebra 2 *Alg 1 prerequisite* *Geometry recommended*	Algebraic Reasoning** *Alg 1 prerequisite*	Geometry (required)

*Algebraic Reasoning: This course strengthens student's foundational math skills so the student can be more successful in future high school math courses and beyond. Students who exhibit struggle in Algebra 1 while gaining credit for the course should consider Algebraic Reasoning. Students who gain credit in Algebra 1 but do not show mastery on the End of Course Exam (EOC) should consider Algebraic Reasoning. Within this course, a teacher will remediate for the Algebra 1 EOC. *Teacher and/or counselor recommendation*

--select fourth course from options below--

Math College Prep	Statistics	AQR
Option for seniors who have completed Algebra 2 and who have not met the requirements for the Texas Success Initiative (TSI)	Option for students who completed Algebra 2 and plan on proceeding in an education/career where math is *not* emphasized.	Option for students who completed Algebra 2 and plan on proceeding in an education/career where math is *not* emphasized.

Performance Acknowledgements

Students graduating on the Foundation High School Program can earn Performance Acknowledgements on their transcript for outstanding performance in a dual credit course; in bilingualism and bi-literacy; on an AP exam; on the PSAT/NMSQT®, SAT® or ACT®; and by earning a nationally or internationally recognized business or industry certification or license. Please see below for specific Performance Acknowledgement requirements.

Bilingualism and Bi-literacy Performance Acknowledgement

A student may earn a performance acknowledgment on the student's transcript for outstanding performance in bilingualism and biliteracy as follows.

(1) A student may earn a performance acknowledgment by demonstrating proficiency in accordance with local school district grading policy in two or more languages by:

(A) completing all English language arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; AND

(B) satisfying one of the following:

(i) completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or

(ii) demonstrated proficiency in the Texas Essential Knowledge and Skills for Level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or

(iii) completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or

(iv) demonstrated proficiency in one or more languages other than English through one of the following methods:

(a) a score of 3 or higher on a College Board Advanced Placement® examination for a language other than English; or

(b) performance on a national assessment of language proficiency in a language other than English of at least Intermediate High or its equivalent.

(2) In addition to meeting the requirements of paragraph (1) of this subsection, to earn a performance acknowledgment in bilingualism and biliteracy, an English language learner must also have:

(A) participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and

(B) scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

Dual Credit Performance Acknowledgement

A student may earn a performance acknowledgement on the student's transcript for outstanding performance in a dual credit course by successfully completing:

(1) at least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0, or

(2) an associate degree while in high school.

AP Performance Acknowledgement

A student may earn a performance acknowledgment on the student's transcript for outstanding performance on a College Board Advanced Placement® test by earning a score of 3 or above on a College Board Advanced Placement® examination.

PSAT/NMSQT®, SAT®, or the ACT® Performance Acknowledgement

A student may earn a Performance Acknowledgement on the student's transcript for outstanding performance on an established, valid, reliable, and nationally norm-referenced preliminary college preparation assessment instrument used to measure a student's progress toward readiness for college and the workplace or on an established valid, reliable, and nationally norm-referenced assessment instrument used by colleges and universities as part of their undergraduate admissions process by:

(1) earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT®) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation;
(2) earning a total score of at least 1310 on the SAT®; or
(3) achieving the ACT® readiness benchmark score on at least three of the five subject tests on the ACT AspireTM examination; or
(4) earning a composite score on the ACT® examination of 28 (excluding the writing subscore).

Business or Industry Certification or License Performance Acknowledgement

A student may earn a performance acknowledgment on the student's transcript for earning a state-recognized or nationally or internationally recognized business or industry certification or license as follows.

(1) A student may earn a performance acknowledgment with:
    (A) performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification; or
    (B) performance on an examination sufficient to obtain a government-required credential to practice a profession.
(2) Nationally or internationally recognized business or industry certification shall be defined as an industry-validated credential that complies with knowledge and skills standards promulgated by a nationally or internationally recognized business, industry, professional, or government entity representing a particular profession or occupation that is issued by or endorsed by:
    (A) a national or international business, industry or professional organization;
    (B) a state agency or other governmental entity; or
    (C)a state-based industry association.
(3) Certifications or licensures for performance acknowledgements shall:
    (A) be age appropriate for high school students;
    (B) represent a student's substantial course of study and/ or end-of-program knowledge and skills;
    (C) include an industry recognized exam or series of exams, an industry validated skill test, or demonstrated proficiency through documented, supervised field experience; and
    (D) represent substantial knowledge and multiple skills needed for successful entry into a high skill occupation.

High School Credit Through Distance Learning

Students may choose to take correspondence, distance, and virtual courses outside the school day at their own expense, and those courses when successfully completed can count toward high school credits for graduation. Students are required to provide a GISD Correspondence Course Approval Form for any correspondence, distance, or virtual course to their counselor prior to enrollment in the course. Georgetown ISD recommends that any correspondence, distance, or virtual courses required for graduation are completed by the end of the fall semester of a student's senior year. Credit toward state graduation requirements shall be granted under the following conditions:

1. The institution offering the course is The University of Texas (UT), Texas Tech University, Texas Virtual School Network (TxVSN), or other public institution of higher education approved by the Commissioner of Education.

2. The course includes the state-required Texas Essential Knowledge and Skills for such a course.

Student athletes who are considering correspondence, distance, or virtual courses must check with the NCAA to inquire if a course of this type is acceptable as part of the NCAA core curriculum requirements. Please visit the NCAA website www.eligibilitycenter.org or 1-877-262-1492.

A correspondence, distance, or virtual course is not considered completed until the final grade is recorded in the campus registrar's office. Refer to the GISD Student Handbook regarding implications to grade point average.

High School Credit Awarded Upon College Course Completion (outside GISD)

A student may register for a college or university level course outside the school day while enrolled in high school to earn college credit. The student may choose to request that the college credit be transcribed for high school credit to meet a graduation requirement. A student who chooses to do this must request the transcript from the college or university and pay any associated fees.

Students who are granted release time for co-enrollment must meet all district requirements for graduation.

Refer to the GISD Student Handbook regarding implications to grade point average.

To pursue these opportunities, students must receive counselor, college/university and parent approval. Students must meet the entrance requirements including college entrance exams and are responsible for the application, registration, and all costs associated with this process. Please see the GISD Dual Credit Guide for more information.

High School Credit Through Credit by Exam

Credit by Examination (CBE) for Credit Recovery

A student who has had sufficient prior formal instruction as determined by the district on the basis of a review of the student's educational records and who has failed a course may gain credit for the course by passing a proficiency examination on the Texas Essential Knowledge and Skills of the course. See student handbook for more information and implications to grade point average.

Credit by Examination (CBE) for Acceleration

Examination for Acceleration allows students without prior instruction to advance to the next level of learning by demonstrating mastery of the required knowledge and skills. Students take a designated criterion-referenced test which covers the Texas Essential Knowledge and Skills and major learning for the course for which they wish credit. See student handbook and CBE website for more information and implications to grade point average. Additionally, students should speak with their campus counselor for more information regarding the CBE.

ACTFL Assessment of Performance toward Proficiency in Languages (AAPPL)

The ACTFL Assessment of Performance toward Proficiency in Languages (AAPPL) is an assessment of standards-based language learning across the three modes of communication (Interpersonal, Presentational, and Interpretive) as defined by the National Standards for Foreign Language Learning. The AAPPL assesses Interpersonal Listening/Speaking, Presentational Writing, Interpretive Reading, and Interpretive Listening, and ratings are assigned according to the ACTFL Performance Descriptors for Language Learners.

A student wishing to accelerate in a foreign language can earn up to LOTE level IV based on student performance on the exam. There are set testing windows throughout the year. Students should speak with their campus counselor for more information regarding the AAPPL exam.

College Credit Through High School Courses

College Board Advanced Placement® Program

The College Board's Advanced Placement (AP) Program offers high school students an opportunity to take college-level courses in a wide variety of subjects while still in high school. The benefits of taking an AP course include:

- AP courses offer the opportunity to study a subject in-depth at the college level. This better prepares students for college success.
- If a student receives a high enough score on an AP Exam, the student may be eligible for credit, advanced placement or both at most colleges in the United States. The AP Credit Search tool is a helpful resource for determining how much and what kind of credit a college could apply.
- The AP Program offers a number of AP Scholar Awards to students for outstanding performance on AP Exams. If a student qualifies, colleges will recognize this achievement.

AP courses are open-enrollment; any student may enroll in any AP course as long as the prerequisite courses (i.e., English I before English II) have been successfully completed. Careful consideration of the time demands of a student's

extracurricular activities, employment, community service, homework and other activities should be considered. If you have questions regarding these courses and/or earning credit through AP Exams, please contact your student's teacher, counselor/academic advisor or campus administrator. Please be aware that each college or university has its own guidelines for the awarding of college credit for AP exams, so be sure to research the specific colleges/universities of interest for more information. To learn more about the AP Program, go to: Advanced Placement® (AP) – The College Board

Dual Enrollment (University of Texas at Austin OnRamps)

Credit from The University of Texas at Austin is earned via the University Extension within the TEXAS Extended Campus. OnRamps courses do not require admission to the university but are aligned with courses taught to UT Austin's residential students. A university faculty member develops, designs, and oversees each course in accordance with departmental rigor and quality. UT Austin faculty serve as instructors of record and evaluate students' progress according to University standards.

Grading:
The grade for GISD is based on assignments created and graded by the high school teacher of record. The grade for The University of Texas is based on assignments created and graded by The University Of Texas instructor of record. Credit for the high school course is not dependent on credit earned in the college course, and the grades for each are two distinctive grades. In order to be eligible for college credit, students must make a minimum college grade of D or D-, depending on the academic department's grading scale. Eligible students can either accept or decline the college credit.

Process:

1. Students are enrolled in a yearlong course taught by their high school teacher for high school credit.
2. During the fall semester OnRamps students must complete a series of required assignments, which are designated by an Instructor of Record at The University of Texas at Austin. Students must earn a grade that would be equivalent to UT Austin credit or better on the required assignments to be eligible to be dually enrolled in the university course offered during the spring semester.
3. During the Spring semester OnRamps students must complete a series of additional required assignments that are designated by the university's Instructor of Record to determine successful completion of the college course.
4. The university's Instructor of Record will award students the appropriate grade based on their performance for the college course. The high school teacher will separately award credit for the grade earned in the high school course, which may differ from that for the college course.

High School Course	HS Credit	UT #	TCCNS Equivalency	UT OnRamps Course Name	College Credit
English III	1	RHE 306	ENGL 1301	Introduction to Rhetoric: Reading, Writing and Research	3
		RHE 309K	ENGL 1302	Reading and Writing the Rhetoric of American Identity	3
Chemistry	1	CH 301	CHEM 1311	College Chemistry: Principles of Chemistry I	3
		CH 104M	CHEM 1111	College Chemistry: Introduction to Chemical Practices (Lab)	1
Precalculus	1	M 305G	MATH 2312	Discovery Precalculus	3
Physics	1	PHYS 302K	PHYS 1301	Mechanics, Heat, and Sound: General Physics Technical Course 1	3
		PHYS 102M	PHYS 1101	Lab for Mechanics, Heat, and Sounds	1

**Availability of OnRamps courses varies by high school.*

Dual Credit Program - Austin Community College

Austin Community College (ACC) allows high school students the opportunity to earn college credit while in high school. These courses are considered *dual credit* if used to satisfy the high school graduation requirement and *articulated* if taken in high school and later recaptured at ACC. The benefits of these ACC programs include:

- Students get a head start on earning college credit.
- There is potential for savings on tuition and fees.
- College-level work can enhance self-esteem, education, and career goals.
- Many courses are transferable to other public colleges and universities.

Students may enroll in college while still enrolled in high school to extend learning or accumulate college hours. To take dual credit courses, students must receive counselor, ACC, and parent approval. Students must meet the entrance requirements including college entrance exams and are responsible for the application and registration process. This process is time sensitive. Students should check with their counselor for information regarding costs associated with taking dual credit courses and check with colleges to be sure that they will accept the course credit.

Dual Credit

Credit earned through dual credit counts for both college and high school credit in a core content area or an elective and fulfills high school graduation requirements. Students must submit an official transcript to the district in order to receive high school credit if they do not allow ACC to report the credit for them. To receive high school credit, the grade in the course must be a D (70%) or better. Several Austin Community College (ACC) courses are typically offered during the school day on the GHS and EVHS campuses. Course offerings can vary depending upon student interest and instructor availability. ACC classes are free—no tuition or fees are charged to high school students enrolled in the program on a GISD high school campus. The exception to this is the ACC economics dual credit course which requires a fee for a digital resource. Families may contact their high school counselor or CCMR Specialist for approved ACC Dual Credit course offerings. Please see the GISD Dual Credit Guide for more information.

ACCTech (Articulated)

Articulated college credit courses are a way to start a college technical major while in high school. In an articulated program, students begin a course of study in high school and continue in a community/technical college or university. GISD currently has technical courses taught at the high school which are aligned with Austin Community College courses for articulated college credit. The program is referred to as ACCTech.

Once a student enrolls in ACC and completes at least one ACC course, the student can then request the credit earned while in high school through articulated courses (credit in escrow). Students enrolled in an articulated course will register for articulated college credit during their Career and Technical Education class through the online CATEMA (Career and Technology Education Management Application) system. With a grade of 80 or above in the course and a 70 or above on the end of course assessment, these credits are held in escrow and placed on the student's college transcript, free-of-charge, once the student enrolls in ACC and completes at least one course. Students who plan to transfer should check other postsecondary institutions to ensure that they will accept articulated college credit courses.

Courses designated as "articulated" are subject to change. Students should check with their counselor to discuss their college plans and for the most recent list of approved courses.

College Credit Options Through High School Courses: What's the Difference?

	Advanced Placement® (AP)	Dual Credit (ACC)	Dual Enrollment (UT OnRamps)	Articulated Credit (ACC Tech Courses)
Description & Content	Students learn college level content and take a comprehensive exam to earn college credit. Content of the course is created by high school teachers who are required to align content with the AP framework for the course created by College Board.	Students learn college level content and earn high school and college credit simultaneously. Content of the course is created by ACC instructors.	Students learn college level content and earn high school credit while potentially earning college credit. Content of the course is created by UT professors.	Students receive career and technical training in high school that can result in college credits earned once the student has completed a single college credit course at that institution (ACC).
Exams & Assignments	Performance on teacher created assignments and assessments determines high school grade, but performance on a single comprehensive College Board exam in May determines whether a student earns college credit.	Performance on college instructor created assignments and assessments determines a single grade that is recorded as both the high school and college grades.	Performance on teacher created assignments and assessments determines high school grade, and performance on college assessments determines college grade.	Performance on teacher created assignments and assessments determines the high school grade.
Grading	High school teacher creates assignments and assigns grades. College Board scores the comprehensive AP exam in May, which does not impact a student's high school grade.	ACC instructor creates assignments and assigns grades.	High school teacher creates high school assignments and assigns all high school grades, and UT college professors create college assignments and assign all college grades.	High school teacher creates assignments and assigns grades.
College Credit	College credit may be granted if students earn a score of 3 or higher on the AP exam.	College credit is granted if students successfully complete the course.	College credit is granted if students successfully complete the UT assignments in the course and accept the college credit.	College credit is granted if students successfully complete the articulated course AND complete at least one course through ACC, whether through correspondence or via dual credit in high school.
Teacher / Instructor And Location	Taught on campus by a high school teacher trained by College Board instructors.	Taught on campus by an ACC instructor.	Taught on campus by a high school teacher trained by UT and in partnership with a UT instructor of record.	Taught on campus by a high school teacher trained by ACC.
Teacher / Instructor Training	High school teacher completes a College Board summer institute for four days every other year.	ACC instructor meets ACC's credentials.	High school teacher completes UT training for two weeks in the summer, one day in the fall and the spring in year one. Every year after, the teacher completes a three-day training at UT in the summer, one day in the fall and the spring.	High school teacher completes ACC summer training each year.
College Credit Acceptance	Accepted throughout the nation. Usually requires a score of 3 or higher on the AP exam. College acceptance of scores varies.	Accepted at public colleges and universities in Texas and some private universities.	Guaranteed to be accepted at any public university in Texas. Accepted at most private universities and many out of state.	Accepted by ACC once one ACC course has been successfully completed by the student, and then credits are transferable to most public colleges and technical schools.
Transcripts	No college transcript is generated; College Board creates a score report.	College transcript is automated and is based on student's performance in the course.	College transcript is based on what earned credits the student chooses to accept. Students can opt out of reporting their grade on a college transcript.	No college transcript is generated until the student completes at least one ACC course successfully.
Eligibility	Open to any student.	Students must qualify by earning a satisfactory score on the TSI (Texas Success Initiative) exam and by completing ACC advising processes.	Open to any student. However, if a student is earning a D or F in their OnRamps course at the end of the Fall semester, they must submit qualifying TSI scores in order to stay in the course for the Spring semester. UT OnRamps will contact students and provide instructions on maintaining eligibility.	Open to any student.
Class Rank	Refer to GISD Student Handbook for GPA implications			Articulated courses are not automatically counted in rank. See individual course descriptions.

GISD District Advanced Course Guidelines

Choosing Advanced Courses
Advanced, AP, Dual Credit, and Dual Enrollment courses are designed to enhance a student's academic experience by challenging motivated students beyond on-level coursework. These advanced courses move at a faster pace, are more academically challenging and require more independent learning than on-level courses.

Georgetown ISD is committed to providing advanced course possibilities by identifying and encouraging students with potential for success, communicating the value of college-rigor coursework, supporting advanced academic instruction, and providing students with opportunities for success. Our teachers are committed to encouraging student participation and success; planning for student learning; providing rigorous, quality instruction; and offering assistance for struggling students.

Petition for Advanced Course Exit
To ensure that students allow sufficient time to become acclimated to the courses and what the advanced course curriculum can offer, Georgetown ISD expects that any student who enrolls in a Advanced, AP, Dual Credit, or Dual Enrollment course will remain in the course until the window between the first and second progress report grading cycle (3rd - 6th week of school). At that time a student may request a ***Petition for Advanced Course Exit***. Exit processes are in place to assist students in making sound course selection decisions. Students and parents must be aware that grades earned in an advanced course follow the student to the on-level course and will be included in the student's overall course average.

Petition for Advanced Course Exit may be requested/submitted twice during the school year:

within the 3rd and 6th week of the first nine-week grading period (to begin in an on-level course within the first nine-weeks);

~ OR ~

the first ten (10) school days of December (to begin in an on-level course for the spring semester).

Calendar dates will be posted each year. The petition for exit requires that the student has conferenced with their teacher about their performance and have implemented recommendations for improvement. The petition for exit may or may not be granted by the campus. The decision will be based on input from the teacher, student performance in the course, the availability of space in other courses, and timing of the request.

Student Commitment Guidelines

As a student, I commit to advanced course(s) by recognizing the long-term benefits of participation and seeking assistance when needed.

- I understand that advanced courses are challenging and my initial grades may not reflect later performance, especially if it is my first time to take such a course.
- I understand that advanced courses require a great level of time and summer work is often a requirement.
- I will be prepared for class each day and actively participate in lessons and discussions.
- If I encounter difficulty in the course, I will conference with my teacher and attend tutorials.
- I understand that successfully following through on this commitment could result in extra GPA points, increased preparation for college, and possible college credit upon successful completion of college-level courses and/or AP Exam(s).

Parent Commitment Guidelines

As a parent, I commit to advanced course(s) by supporting my student's learning; supporting the teacher's efforts to provide rigorous, quality instruction; and by valuing the learning that occurs in an advanced course.

- I understand that advanced courses are challenging, and initial grades may not reflect later performance, especially if it is my child's first time taking advanced courses. I will support my child through the adjustment and use improvement as a measure of success.
- I will encourage my child to be prepared for class each day.
- I will expect my child to conference with the teacher and attend recommended tutorials if my child encounters difficulties with course content.
- I will contact the teacher for his/her input prior to initiating a petition for my child to exit the course.

This document is meant to help everyone understand the commitment that advanced courses require and help communicate the expectations so all students are successful in these rigorous courses. Students taking high school credit courses while in middle school will also abide the Advanced Course Commitment guidelines.

Career Exploration Through High School Courses

Career and Technical Education

Career and Technical Education in Georgetown ISD is focused on meeting the individual needs of all students by providing curricula to meet the demands of our 21st Century global economy. It is the goal of Georgetown's Career and Technical Education Program to provide for relevant, career-related experiences and rigorous high-quality academic instruction to ensure that each and every student attains mastery of the knowledge and skills necessary to achieve a lifetime of success. Additionally, Georgetown ISD is committed to our partnerships. We recognize our role and responsibility in preparing students to meet the future employment needs of these entities to maintain the health and well-being of our local, area, and state-wide economy and our society at-large.

Non-discrimination Statement

All students have the opportunity to enroll in Career and Technical Education courses along with the more traditional academic courses. Enrollment in Career and Technical Education courses is open to all qualified students without regard to race, color, creed, religious affiliation, sex or handicapping conditions. Safety is an important part of elective course work and must be demonstrated before students are allowed to work.

Programs of Study

Georgetown ISD Texas Programs of Study provide students with a rigorous and relevant high school experience. The Achieve Texas initiative organizes occupations and broad industry into career clusters based upon commonalities. Therefore, each student, working collaboratively with his/her parents and school counselor, will have the opportunity to develop an individualized four, six, or eight-year Program of Study tied to future interest and career goals. A Program of Study is a comprehensive plan designed to support college/career readiness through the strategic alignment of foundational academic, career-related technical, and enrichment courses which fosters multiple postsecondary options as related to each individual student's interest(s). Students completing any of the GISD Programs of Study will graduate prepared for postsecondary education, technical training, and/or entry-level career placement.

CTE Mission Statement

The mission of Georgetown Independent School District's Career and Technical Education department is to better prepare students for postsecondary education, or entry into the workforce by providing state of the art instruction and practical, hands-on lab experience from highly qualified staff and to assist students in becoming successful, critical thinking, competent and caring individuals through real world experience, guidance and leadership.

Additional Advanced Options

Gifted and Talented Services

Georgetown ISD defines *gifted and talented* as any child or youth in grades K-12 who performs at, or shows the potential for performing at a remarkably high level of accomplishment when compared to others of the same age, experience, or environment and who (1) exhibits high performance capability in general intellectual ability; or (2) excels in one or more specific academic fields: math, science, language arts, and/or social studies.

Students who participate in services designed for gifted students will demonstrate skills in self-directed learning, thinking, research, and communication as evidenced by the development of innovative products and performances that are advanced in relation to students of similar age, experience, or environment and reflect individuality and creativity. High school graduates who have participated in services for gifted students will have produced products and performances of professional quality as part of their program services.

Gifted students are encouraged to enroll in advanced courses, such as Advanced, AP, Dual Credit, and Dual Enrollment. Middle school and high school teachers of these courses complete 30 hours of gifted training, which includes nature and needs of gifted students, in addition to a yearly 6-hour update course.

Middle school and high school students may be referred for gifted testing between 8:00 am on the first instructional day of November and 3:00 pm on the first Tuesday in December.

Independent Study

These independent study courses are designed for students in grades 9-12 and will greatly enhance the opportunities for the production of advanced academic products through guided, multidisciplinary research. These courses are based on the TEA Texas Performance Standard Project (TPSP) that were enacted by Rider 69 in 1999 in the Texas legislature. A project that consists of the long-term development of a question or idea that is significant to professionals in the academic area of interest will be the focal point of these courses. Sophisticated research methods and technology appropriate to the field of study will be used. The project must demonstrate creative mastery of content through a final product of professional quality. The final product may be a written product, public performance and/or presentation. Students who successfully complete a project will earn independent study credit in the chosen discipline.

I. INDEPENDENT STUDY IN ENGLISH
II. INDEPENDENT STUDY IN JOURNALISM
III. INDEPENDENT STUDY IN MATHEMATICS
IV. INDEPENDENT STUDY IN SPEECH
V. INDEPENDENT STUDY OF SCIENTIFIC RESEARCH AND DESIGN
VI. INDEPENDENT STUDY IN TECHNOLOGY APPLICATIONS
VII. SOCIAL STUDIES RESEARCH METHODS
VIII. SOCIAL STUDIES ADVANCED STUDIES
IX. ECONOMICS ADVANCED STUDIES

College and Military Entrance

College Entrance Exams

Colleges and universities weigh admissions decisions in part based on the student performance on the SAT and/or ACT exams. SAT/ACT exam scores are not only used for admissions criteria; these scores can be used to determine scholarship and financial awards. All Georgetown ISD students have exposure to the PSAT suite of assessments from 8th–11th grades at no cost to the student. From this testing opportunity, GISD students are provided feedback in terms of strengths and weaknesses on skills needed to be successful on the SAT.

It is important to note that in the junior year students take admissions exams to demonstrate their readiness for college level work. Prior to the junior year, however, students should take advantage of utilizing PSAT assessment results as a driver for preparing themselves for success on the college admissions exams and the PSAT/NMSQT exam taken during the junior year, which could result in scholarships that cover tuition, room, board, and study abroad offers from some universities. Utilizing Khan Academy, which tailors online practice to areas in need of growth for the individual student once the College Board account and the Khan Academy account are linked, can help students create a practice plan for improvement. For more information on how to create or link accounts, refer to the campus College Career Military Readiness (CCMR) Specialist and/or school counselor.

Admission to Texas Public Colleges and Universities

Under the Automatic Admission policy (Texas Education Code §51.803), Texas students may be eligible for automatic admission to a state college or university as an undergraduate student if they meet certain criteria. For more information about this criteria, refer to the GISD Student Handbook or the campus College Career Military Readiness (CCMR) Specialist and/or school counselor.

Texas Success Initiative - TSI

Texas Success Initiative (TSI) - Texas law requires all entering students who wish to enroll in a Texas public higher education institution to meet college readiness standards in reading, writing, and math. Students who do not meet TSI standards upon graduation will be required to pass developmental courses at the college they are attending in order to start college-level coursework. Developmental courses are costly and do not count towards graduation. The same TSI standards are also required for a student who participates in Austin Community College's Dual Credit program. See the GISD Student Handbook for TSI standards for available assessments or the campus College Career Military Readiness (CCMR) Specialist and/or school counselor.

Armed Services Vocational Aptitude Battery

The Armed Services Vocational Aptitude Battery (ASVAB) Career Exploration Program facilitates career planning and exploration, combining a multiple-aptitude test with an interest self-assessment and wide range of career exploration tools. The test is a multiple-aptitude battery that measures developed abilities and helps predict future academic and occupational success. The test is FREE and is offered to all interested 10th - 12th grade students each school year. A student does not need to join the military to take the ASVAB. This exam provides useful career aptitude information for ALL students to utilize in their future planning. Results from the test are shared with the individual student and campus only.

For more information, contact the high school campus College, Career, and Military (CCMR) Specialist and/or school counselor.

Free Application for Federal Student Aid

The Free Application for Federal Student Aid (FAFSA) is available at www.FAFSA.ed.gov beginning October 1 of each year. It is an online application that should be completed during a student's senior year in high school. Completing a FAFSA may qualify a student for federal student loans, grants, the work-study program, scholarships and student/parent loans (subsidized & unsubsidized). Additionally, many universities require the FAFSA be filled out to be eligible for scholarship opportunities at the college or university. Families may submit the FAFSA as early as October 1 of the student's senior year. Most universities have a FAFSA priority deadline. Texas General Academic Teaching Institutions have a priority deadline of January 15th for FAFSA submission. Students should check the FAFSA deadline for each school to which they apply.

The FAFSA should be completed if you are a:

- U.S. Citizen
- Permanent U.S. resident with an Alien Registration Card (I-551)
- Conditional permanent U.S. resident with visa type I-551C
- Eligible noncitizen with an Arrival/Departure Record (I-94) showing you as a: (a) Refugee (b) Asylum granted (c) Parolee (d)Cuban-Haitian entrant. Additional information can be found at https://fafsa.ed.gov/ .

Texas Application for State Financial Aid

The TASFA is the Texas Application for State Financial Aid and is an alternative to the FAFSA for undocumented students in Texas. Texas allows undocumented students to apply for state financial aid and state tuition under certain conditions. The TASFA needs to be completed during the senior year in high school. It is currently only available in Advanceder form at the College for All Texans' website (http://www.collegeforalltexans.com). See your school counselor and/or CCMR Specialist for additional information on FAFSA and TASFA.

Early Graduation Considerations

Students considering graduating a semester or full year earlier than anticipated, must review the GISD Early Graduation Guide and meet with their high school counselor to update their personal graduation plan and discuss additional considerations and requirements.

This guide includes the following:32

- Timelines for early graduation
- SB 1888 & the Texas First Diploma Program
- GISD Early Graduation Form

GPA Calculation and Reporting

A Weighted GPA (WGPA) is used to determine a class rank for each student. Class rank indicates the student's academic standing relative to his/her peers (valedictorian, salutatorian, top ten percent, top quarter, second quarter, third quarter and fourth quarter). An exact numerical class rank is reported for each student.

Due to school closures in the Spring 2020 semester, the Georgetown ISD Board of Trustees established adjustments to GPA and rank calculations to be applied to that semester which included the following: Semester grades of complete (CMP)/incomplete (INC) for the Spring 2020 semester shall not be included in calculation of GPAs and weighted GPAs. No change was made to the courses counted towards rank in class outlined in Board Policy.

For more detailed information, see the Georgetown ISD student handbook and Board Policy EIC (Local).

I. English Language Arts

CAPSTONE ENGLISH ADVANCED

Course Key: **CAPENGA** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03221800 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Course application with proposal to be approved.

CAPSTONE ENGLISH INDEPENDENT STUDY

Capstone independent study courses will greatly enhance the opportunities for the production of advanced academic products through guided research. A project that consists of the long-term development of a question or idea that is significant to professionals in the academic area of interest will be the focal point of these courses. Sophisticated research methods and technology appropriate to the field of study will be used. The project must demonstrate creative mastery of content through a final product and presentation of professional quality to an appropriate audience. Students who successfully complete a project will earn independent study credit in the chosen discipline.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

CAPSTONE JOURNALISM ADVANCED

Course Key: **CAPJOA** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03231000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Course application with proposal to be approved.

CAPSTONE INDEPENDENT STUDY IN JOURNALISM (ADVANCED)

Capstone independent study courses will greatly enhance the opportunities for the production of advanced academic products through guided research. A project that consists of the long-term development of a question or idea that is significant to professionals in the academic area of interest will be the focal point of these courses. Sophisticated research methods and technology appropriate to the field of study will be used. The project must demonstrate creative mastery of content through a final product and presentation of professional quality to an appropriate audience. Students who successfully complete a project will earn independent study credit in the chosen discipline.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

CAPSTONE SPEECH ADVANCED

Course Key: **CAPSPA** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03241200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Course application with proposal to be approved.

CAPSTONE INDEPENDENT STUDY IN SPEECH

Capstone independent study courses will greatly enhance the opportunities for the production of advanced academic products through guided research. A project that consists of the long-term development of a question or idea that is significant to professionals in the academic area of interest will be the focal point of these courses. Sophisticated research methods and technology appropriate to the field of study will be used. The project must demonstrate creative mastery of content through a final product and presentation of professional quality to an appropriate audience. Students who successfully complete a project will earn independent study credit in the chosen discipline.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

ENG LANGUAGE DEV/ACQUISITION 1

Course Key: **ELDA1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03200800 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement.
Recommended Corequisite(s): ESOL I, ESOL II, ENG III SI, and ENG IV SI

ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION 1

This course must be taken concurrently with a co-requisite ELAR course. English Language Development and Acquisition 1 (ELDA) is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. These students have scored at the negligible/very limited academic language level of the state-approved English oral language proficiency tests. This course enables students to become increasingly more proficient in English in all four language domains. It addresses cognitive, linguistic, and affective needs in compliance with federal requirements. The English Language Development and Acquisition (ELDA) course will validate a student's native language and culture as a valuable resource and as a foundation to attain the English language. It will develop social language, survival vocabulary, and the basic building blocks of literacy for newly arrived and preliterate students.

ENG LANGUAGE DEV/ACQUISITION 2

Course Key: **ELDA2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03200810 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement.
Recommended Corequisite(s): ESOL I, ESOL II, ENG III SI, and ENG IV SI

ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION 2

This course must be taken concurrently with a co-requisite ELAR course. English Language Development and Acquisition 2 (ELDA) is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. These students have scored at the negligible/very limited academic language level of the state-approved English oral language proficiency tests. This course enables students to become increasingly more proficient in English in all four language domains. It addresses cognitive, linguistic, and affective needs in compliance with federal requirements. The English Language Development and Acquisition (ELDA) course will validate a student's native language and culture as a valuable resource and as a foundation to attain the English language. It will develop social language, survival vocabulary, and the basic building blocks of literacy for newly arrived and preliterate students.

ENGLISH 1

Course Key: **ENG1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03220100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

English language arts and reading embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

ENGLISH 1 ADVANCED

Course Key: **ENG1H** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03220100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

This course will explore the same topics as English 1 with more depth and complexity.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

ENGLISH 1 INCLUSION

Course Key: **ENG1I** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03220100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See English 1

ENGLISH 1 INCLUSION MODIFIED

Course Key: **ENG1IM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03220100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See English 1

ENGLISH 1 MODIFIED

Course Key: **ENG1M** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03220100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See English 1

ENGLISH 1 SHELTERED INST

Course Key: **ENG1SI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03220100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite: LPAC Placement
Course Description: English 1

This course teaches all English I TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

ENGLISH 1 SKILLS T

Course Key: **ENG1ST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03220107 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement

These courses will provide opportunities to participate in the English curriculum that has been adapted in scope, complexity, materials, methods of presentation and response styles appropriate to individual student needs. The scope of these courses and TEKS mastered is determined by the student's individual education plan (IEP). These courses meet the state graduation requirements for English

ENGLISH 1 SPKRS OTH LANG

Course Key: **ESOL1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03200600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement
Recommended Corequisite(s): English Language Development & Acquisition (ELDA) course

This course teaches all English I TEKS with additional expectations for English language learners (relating to English Language Proficiency Standards). ESOL I may be substituted for English I (relating to Graduation Requirements) and all student expectations apply to ESOL I students. Emphasis is placed on the English proficiency levels of all four language domains (Listening, Speaking, Reading, Writing) to provide appropriate instruction to enable students to meet these standards. This specialized course is design for newcomers or recent immigrants (enrolled in US schools for less than 3 years) with little or no English language.

ENGLISH 1 SPKRS OTH LANG MOD

Course Key: **ESOL1M** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03200600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, ARD Committee Placement
Recommended Corequisite(s): English Language Development & Acquisition (ELDA) course

See ESOL 1

ENGLISH 1 SPKRS OTH LANG ST

Course Key: **ESOL1ST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03200607 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, ARD Committee Placement
Recommended Corequisite(s): English Language Development & Acquisition (ELDA) course

See ESOL 1

ENGLISH 2

Course Key: **ENG2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03220200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

English language arts and reading embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

ENGLISH 2 ADVANCED

Course Key: **ENG2H** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03220200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

This course will explore the same topics as English 2 with more depth and complexity.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

ENGLISH 2 INCLUSION

Course Key: **ENG2I** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03220200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
Course Description: English 2

ENGLISH 2 INCLUSION MODIFIED

Course Key: **ENG2IM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03220200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
Course Description: English 2

ENGLISH 2 MODIFIED

Course Key: **ENG2M** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03220200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
Course Description: English 2

ENGLISH 2 SHELTERED INST

Course Key: **ENG2SI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03220200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement
Course Description: English 2

This course teaches all English II TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

ENGLISH 2 SKILLS T

Course Key: **ENG2ST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03220207 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
Course Description: English 2

ENGLISH 2 SPKRS OTH LANG

Course Key: **ESOL2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03200700 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement
Recommended Corequisite(s): English Language Development & Acquisition (ELDA) course

This course teaches all English II TEKS with additional expectations for English language learners (relating to English Language Proficiency Standards). ESOL II may be substituted for English II (relating to Graduation Requirements) and all student expectations apply to ESOL II students. Emphasis is placed on the English proficiency levels of all four language domains (Listening, Speaking, Reading, Writing) to provide appropriate instruction to enable students to meet these standards. This specialized course is design for newcomers or recent immigrants (enrolled in US schools for less than 3 years) with little or no English language.

ENGLISH 2 SPKRS OTH LANG MOD

Course Key: **ESOL2M** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03200700 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, ARD Committe Placement
Recommended Corequisite(s): English Language Development & Acquisition (ELDA) course

See ESOL 2

ENGLISH 2 SPKRS OTH LANG ST

Course Key: **ESOL2ST** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03200707 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, ARD Committe Placement
Recommended Corequisite(s): English Language Development & Acquisition (ELDA) course

See ESOL 2

ENGLISH 3

Course Key: **ENG3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03220300 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

English language arts and reading embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

ENGLISH 3 AP

Course Key: **ENG3A** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3220100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

English 3 AP
Prerequisite(s): None

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

For more information visit www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

ENGLISH 3 DUAL CREDIT 1301

Course Key:	**ENG3D1**	Length: SM	Course Type: Dual Credit	Course Weight:	Advanced
Service ID:	03220300	Credits: 0.50	Credit Type: State	Counted in Rank GPA:	Yes

Dual credit course offered through Austin Community College and taught at the high school campus during school hours. Students earn both high school and college credit upon completion for the following ACC course(s):

ENGL 1301 - English Composition I
A study of the principles of composition with emphasis on language, the mechanics of writing, the types of discourse, and research and documentation.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

ENGLISH 3 DUAL CREDIT 1302

Course Key:	**ENG3D2**	Length: SM	Course Type: Dual Credit	Course Weight:	Advanced
Service ID:	03220300	Credits: 0.50	Credit Type: State	Counted in Rank GPA:	Yes

Dual credit course offered through Austin Community College and taught at the high school campus during school hours. Students earn both high school and college credit upon completion for the following ACC course(s):

ENGL 1302 - English Composition II
ENGLISH 1302 is a continuation of English 1301 with emphasis on analysis of readings in fiction. Students will use literary elements to interpret short fiction.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

ENGLISH 3 DUAL CREDIT ONRAMPS

Course Key:	**ENG3DO**	Length: YR	Course Type: Dual Credit	Course Weight:	Advanced
Service ID:	03220300	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	Yes

Prerequisites: English I, English II

Dual enrollment course offered through The University of Texas at Austin and taught at the high school campus during school hours. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn six hours of UT credit with feedback and assessment provided by UT course staff.

RHE 306 - INTRODUCTION TO RHETORIC: READING, WRITING AND RESEARCH & RHE 309 K- READING AND WRITING THE RHETORIC OF AMERICAN IDENTITY

This two-semester, six-credit writing intensive sequence features a fall RHE 306 Research & Writing course in argumentation that situates rhetoric as an art of civic discourse, followed by the spring semester RHE 309K Rhetoric of American Identity. Over the two courses, students analyze the various positions held in any public debate and learn to advocate their own positions effectively.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

ENGLISH 3 INCLUSION

Course Key:	**ENG3I**	Length: YR	Course Type: Regular	Course Weight:	Core
Service ID:	03220300	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	Yes

Prerequisite(s): ARD Committee Placement
Course Description: English 3

ENGLISH 3 INCLUSION MODIFIED

Course Key: **ENG3IM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03220300 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
Course Description: English 3

ENGLISH 3 MODIFIED

Course Key: **ENG3M** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03220300 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
Course Description: English 3

ENGLISH 3 SHELTERED INST

Course Key: **ENG3SI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03220300 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement
Course Description: English 3

This course teaches all English 3 TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

ENGLISH 3 SKILLS T

Course Key: **ENG3ST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03220300 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
Course Description: English 3

ENGLISH 4

Course Key: **ENG4** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03220400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

English language arts and reading embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

ENGLISH 4 AP

Course Key: **ENG4A** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3220200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

English 4 AP
Prerequisite(s): None

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. For more information visit www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

ENGLISH 4 DUAL CREDIT 2322

Course Key: **ENG4DC** Length: SM Course Type: Dual Credit Course Weight: Advanced
Service ID: 03220400 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ENG3D1 (ACC ENGL 1301) and ENG3D2 (ACC ENGL 1302)

Dual credit course offered through Austin Community College and taught at the high school campus during school hours. Students earn both high school and college credit upon completion for the following ACC course(s):

ENGL 2322 - British Literature:Anglo-Saxon through 18th Century
English 2322 is a survey of English literature from Anglo-Saxon times through the 18th Century.

NOTE: Accelerated course awards a full year of credit in one semester. Only one semester of this credit will count toward class rank.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

ENGLISH 4 INCLUSION

Course Key: **ENG4I** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03220400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
Course Description: English 4

ENGLISH 4 INCLUSION MODIFIED

Course Key: **ENG4IM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03220400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
Course Description: English 4

ENGLISH 4 MODIFIED

Course Key: **ENG4M** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03220400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
Course Description: English 4

ENGLISH 4 SHELTERED INST

Course Key: **ENG4SI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03220400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement

Course Description: English 4

This course teaches all English 4 TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

ENGLISH 4 SKILLS T

Course Key: **ENG4ST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03220400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
Course Description: English 4

ENGLISH COLLEGE PREP 1

Course Key:	**ENGCP1**	Length: YR	Course Type: Regular	Course Weight:	Core
Service ID:	CP110100	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	Yes

Prerequisite(s): Administrative Placement Required

This is a college preparatory course designed to extend the understanding of English Language Arts concepts. The necessary components of grammar, persuasion, and argumentation needed for success in college are reviewed. Application of abstract and analytical thinking skills, advanced vocabulary, and writing skills are stressed. This is a fourth year course focused on those English Language Arts (ELA) skills necessary to pass the ELA placement tests at colleges, technical schools, and area community colleges.

II. Other Language Arts/Reading

CREATIVE WRITING (SM)

Course Key: **CWRS** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03221200 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

The study of creative writing allows high school students to earn one-half to one credit while developing versatility as a writer. Creative Writing, a rigorous composition course, asks high school students to demonstrate their skill in such forms of writing as fictional writing, short stories, poetry, and drama. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop peer and self-assessments for effective writing, and set their own goals as writers.

CREATIVE WRITING (YR)

Course Key: **CWRY** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03221200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

See Creative Writing (SM) - this course is the year-long version of Creative Writing.

ESOL READING 1

Course Key: **ESOLR1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03270700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): LPAC Placement, Identified LEP

These courses offer students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas.
For high school students whose first language is not English, the students' native language serves as a foundation for English language acquisition and language learning.

ESOL READING 2

Course Key: **ESOLR2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03270800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): LPAC Placement, Identified LEP

These courses offer students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas.
For high school students whose first language is not English, the students' native language serves as a foundation for English language acquisition and language learning.

ESOL READING 3

Course Key: **ESOLR3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03270900 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): LPAC Placement, Identified LEP

These courses offer students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are

organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas.
For high school students whose first language is not English, the students' native language serves as a foundation for English language acquisition and language learning.

READING 1

Course Key: **RDG1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03270700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None. Strongly recommended placement based on recommendation and academic need.

Reading I, II, III offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas

READING 1 MODIFIED

Course Key: **RDG1M** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03270700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement
Course Description: Reading 1

READING 2

Course Key: **RDG2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03270800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None. Strongly recommended placement based on recommendation and academic need.

Reading I, II, III offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas

READING 2 MODIFIED

Course Key: **RDG2M** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03270800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement
Course Description: Reading 2

READING 3

Course Key: **RDG3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03270900 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None. Strongly recommended placement based on recommendation and academic need.

Reading I, II, III offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas

III. Mathematics

ADV QUANTITATIVE REASONING

Course Key: **ADQR** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03102510 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, Geometry, Algebra 2

In Advanced Quantitative Reasoning, students will develop and apply skills necessary for college, careers, and life. Course content consists primarily of applications of high school mathematics concepts to prepare students to become well-educated and highly informed 21st century citizens. Students will develop and apply reasoning, planning, and communication to make decisions and solve problems in applied situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and modeling with algebra, geometry, trigonometry, and discrete mathematics.

ALG REASONING SHELTERED INSTR

Course Key: **ALGREAS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03102540 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, LPAC Placement, Identified LEP

This course teaches all Algebraic Reasoning TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

ALGEBRA 1

Course Key: **ALG1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Grade 8 Mathematics, or its equivalent

Students will build on the knowledge and skills of 6-8 mathematics which provided a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic and exponential functions and make connections among the functions in both mathematical and real-world scenarios. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations. Students will use technology to collect and explore data and analyze statistical relationships. Students will also study polynomials of degree one and two, radical expressions, sequences and laws of exponents.

ALGEBRA 1 ADVANCED

Course Key: **ALG1H** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03100500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Grade 8 Mathematics, or its equivalent

This course will explore the same topics as Algebra 1 with more depth and complexity. Counselor recommendation is recommended.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

ALGEBRA 1 DB INCL MODIFIED

Course Key: **ALG1DIM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03100500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Algebra 1 Double-Block

ALGEBRA 1 DB MODIFIED

Course Key: **ALG1DM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03100500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

See Algebra 1 Double-Block

ALGEBRA 1 DB SHELTERED INSTR

Course Key: **ALG1DS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, Identified LEP

See Algebra 1 DB

ALGEBRA 1 DOUBLE-BLOCK

Course Key: **ALG1D** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): 8th Grade Mathematics, or its equivalent
Recommendation: Failure of the first administration of the 8th grade Mathematics STAAR or placement on counselor recommendation
See Algebra 1

ALGEBRA 1 DOUBLE-BLOCK SM

Course Key: **ALG1DSY** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03100500 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): 8th Grade Mathematics or its equivalent and placement by counselor recommendation
See Algebra 1

This Algebra 1 course will offer a full year's worth of content and credit through double-blocked/two-period scheduling in a single semester. The semester grade earned in this course will be awarded for both semester 1 and semester 2 of the course on the student's high school transcript. Both semester grades will count in rank GPA.

ALGEBRA 1 INCLUSION

Course Key: **ALG1I** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Algebra 1

ALGEBRA 1 INCLUSION MODIFIED

Course Key: **ALG1IM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03100500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Algebra 1

ALGEBRA 1 MODIFIED

Course Key: **ALG1M** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03100500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Algebra 1

ALGEBRA 1 SHELTERED INSTR

Course Key: **ALG1S** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, Identified LEP

This course teaches all Algebra I TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills

ALGEBRA 1 SKILLS T

Course Key: **ALG1ST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03100507 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Algebra 1

ALGEBRA 2

Course Key: **ALG2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1
Recommended: Geometry

In Algebra 2, students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. Algebra 2 is a course required by most major universities.

ALGEBRA 2 ADVANCED

Course Key: **ALG2H** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03100600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1
Recommended: Geometry

This course will explore the same topics as Algebra 2 with more depth and complexity.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

ALGEBRA 2 DB INCLUSION

Course Key: **ALG2DI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, ARD Committee Placement
See Algebra 2

ALGEBRA 2 DB INCLUSION MOD

Course Key: **ALG2DIM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03100600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, ARD Committee Placement
See Algebra 2

ALGEBRA 2 DB SHELTERED INSTR

Course Key: **ALG2DS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, LPAC Committee Placement, Identified LEP
See Algebra 2

ALGEBRA 2 DOUBLE-BLOCK

Course Key: **ALG2D** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra I
Recommended: Geometry
See Algebra 2

ALGEBRA 2 INCLUSION

Course Key: **ALG2I** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, ARD Committee Placement
See Algebra 2

ALGEBRA 2 INCLUSION MODIFIED

Course Key: **ALG2IM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03100600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, ARD Committee Placement
See Algebra 2

ALGEBRA 2 MODIFIED

Course Key: **ALG2M** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03100600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, ARD Committee Placement
See Algebra 2

ALGEBRA 2 SHELTERED INSTR

Course Key: **ALG2S** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, LPAC Placement, Identified LEP

This course teaches all Algebra 2 TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

ALGEBRAIC REASONING

Course Key: **ALGREA** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03102540 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Pre-requisite: Algebra I

In Algebraic Reasoning, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

*Within this course, a student will receive remediation for the Algebra 1 EOC (if applicable).

ALGEBRAIC REASONING DB SM

Course Key: **ALGREADY** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03102540 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra I and placement by counselor recommendation
See Algebraic Reasoning

This Algebraic Reasoning course will offer a full year's worth of content and credit through double-blocked/two-period scheduling in a single semester. The semester grade earned in this course will be awarded for both semester 1 and semester 2 of the course on the student's high school transcript. Both semester grades will count in rank GPA.

ALGEBRAIC REASONING INC MOD

Course Key: **ALGREAIM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03102540 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra I, ARD Committee Placement

See Algebraic Reasoning

ALGEBRAIC REASONING INCLUSION

Course Key: **ALGREAI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03102540 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra I, ARD Committee Placement

See Algebraic Reasoning

ALGEBRAIC REASONING MODIFIED

Course Key: **ALGREAM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03102540 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra I, ARD Committee Placement

See Algebraic Reasoning

ALGEBRAIC REASONING SKILLS T

Course Key: **ALGREAT** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03102540 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra I, ARD Committee Placement

See Algebraic Reasoning

CALCULUS AB AP

Course Key: **CALAAP** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3100101 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Recommended Prerequisite(s): Precalculus

This course is a full-year course designed to cover one semester of college level calculus. Calculus AB Advanced Placement will develop the student's understanding of the concepts of calculus including functions, graphs, limits, derivatives, integrals, and their applications. College credit can be achieved by demonstrating competence on the Advanced Placement exam. For more information visit www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

CALCULUS BC AP

Course Key: **CALBAP** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3100102 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Recommended Prerequisite(s): Precalculus

This course is a full-year course designed to cover two semesters of college level calculus. In addition to the topics covered by Calculus AB, it will include parametric functions, vector functions, slope fields, Euler's method, polynomial approximations and series. College credit can be achieved by demonstrating competence on the Advanced Placement exam. For more information visit www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

COMPUTER SCIENCE A MATH AP

Course Key: **CSCIAMA** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3580110 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra I, Computer Science 1
Corequisite(s): AP Computer Science A LOTE AP

Advanced Placement (AP) Computer Science is designed to prepare students for the AP Computer Science A exam. The programming language used in this course is Java. Students will learn to design, implement, and analyze solutions to problems. Topics covered in this course include algorithms, data structures, and object-oriented programming. Students will develop programs individually and in teams. See

https://secure-media.collegeboard.org/digitalServices/pdf/ap/ap-course-overviews/ap-computer-science-a-course-overview.pdf for more information.

Note: This course satisfies the requirement for a fourth credit of Mathematics for students graduating on the Foundation High School Program who have already completed Algebra I, II, and Geometry.

NOTE REGARDING COMPUTER SCIENCE & LOTE GRADUATION REQUIREMENTS:

The State Board of Education has approved specific computer sciences to substitute for LOTE credits. Georgetown ISD offers the following approved LOTE substitution courses: Computer Science Principles AP, Computer Science I, and Computer Science A AP. Students must complete 2 courses in Computer Science to satisfy the graduation requirement.

Please note that outside of Texas public universities, not all colleges and universities accept computer science for admission purposes as satisfying the LOTE requirement. Additionally, once admitted colleges and universities may have traditional LOTE graduation requirements. Students are encouraged to reach out to their prospective college(s) before enrollment in these courses for information about college admissions and graduation requirements.

NOTE REGARDING GPA/RANK CREDITS:

Computer Science A AP is a unique course that awards 1.0 credit for LOTE and 1.0 credit for Math. Students will be awarded and transcribed a numeric grade for the math credit and a Pass/Fail for the LOTE credit. Pass/fail grades do not count in rank GPA.

Beginning with the graduating class of 2025: Students in the graduating class of 2025 or later may elect to have the numeric grade awarded and transcribed for the LOTE credit and a Pass/Fail for the Math credit by submitting a request within two weeks after the end of the school year in which the student has taken the class. Both numeric semester grades will be transferred from Math to LOTE and cannot be split between areas. This request must be received and processed before rank and GPA are run by the district.

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

GEOMETRY

Course Key: **GEO** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100700 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1

Students will strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; congruence; similarity, trigonometry; two- and three-dimensional figures; circles; and probability. Due to the emphasis of probability and statistics in the college and career readiness standards, standards dealing with probability have been added to the geometry curriculum to ensure students have proper exposure to these topics before pursuing their post-secondary education.

GEOMETRY ADVANCED

Course Key: **GEOH** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03100700 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1

This course will explore the same topics as Geometry with more depth and complexity.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

GEOMETRY INCLUSION

Course Key: **GEOI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100700 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, ARD Committee Placement
See Geometry

GEOMETRY INCLUSION MODIFIED

Course Key: **GEOIM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03100700 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, ARD Committee Placement
See Geometry

GEOMETRY MODIFIED

Course Key: **GEOM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03100700 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, ARD Committee Placement
See Geometry

GEOMETRY SHELTERED INSTRUCTION

Course Key: **GEOS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03100700 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, LPAC Placement, Identified LEP

This course teaches all Geometry TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

GEOMETRY SKILLS T

Course Key: **GEOST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03100700 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, ARD Committee Placement
See Geometry

MATH COLLEGE PREP 1

Course Key: **MACP1** Length: YR Course Type: Regular Course Weight: Core
Service ID: CP111200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Administrative Placement Required

College Prep Math incorporates the understanding of number, operation, qualitative reasoning; patterns relationships algebraic thinking; geometry; measurement; and probability and statistics. Students that have completed their third year math course and have not met college readiness requirements on the PSAT are eligible for this course. This fourth year course focuses on those math skills necessary to pass the math placement tests at colleges, technical schools, and area community colleges. Students will take the TSI as part of the college readiness component of this course.

MATH IND STUDY ADVANCED

Course Key: **MAISA** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03102500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, Geometry, Algebra 2 and course application with proposal to be approved.

In Independent Study in Mathematics, students will extend their mathematical understanding beyond the Algebra II level in a specific area or areas of mathematics such as theory of equations, number theory, non-Euclidean geometry, linear algebra, advanced survey of mathematics, or history of mathematics. This course will provide students opportunities to pursue interest in mathematical topics via independent research, directed learning, preparation for and participation in challenging mathematics competitions, and/or mentoring by a mathematics professional.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

MATH INDSTUDY DUAL CREDIT 1332

Course Key: **MAISD** Length: YR Course Type: Dual Credit Course Weight: Advanced
Service ID: 03102500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, Geometry, Algebra 2

Dual credit course offered through Austin Community College and taught at the high school campus during school hours.

Students earn both high school and college credit upon completion for the following ACC course(s):

MATH 1332 - CONTEMPORARY MATHEMATICS
This course is intended to provide future college-bound students interested in non-mathematics and non-science-based majors with a survey of topics in mathematics. The emphasis may be towards developing students' quantitative reasoning skills, illustrating the beauty of mathematics as a discipline, and/or imparting a feel for the different ways in which mathematics is used.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

MATH MODELS

Course Key: **MATM** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03102400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1

Mathematical Models with Applications is designed to build on the knowledge and skills for mathematics in previous grades and courses. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects; manipulatives; technology, including graphing calculators, data collection devices, and computers; and paper and pencil; and from methods such as algebraic techniques, geometric reasoning, patterns and mental math to solve problems.

MATH MODELS INCLUSION

Course Key: **MATMI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03102400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1; ARD Committee Placement
See Math Models

MATH MODELS INCLUSION MODIFIED

Course Key: **MATMIM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03102400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1; ARD Committee Placement
See Math Models

MATH MODELS MODIFIED

Course Key: **MATMM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03102400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1; ARD Committee Placement
See Math Models

MATH MODELS SHELTER INST

Course Key: **MATMS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03102400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1; LPAC Placement, Identified LEP

This course teaches all Math Models TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

MATH MODELS SKILLS T

Course Key: **MATMST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03102400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, ARD Committee Placement
See Math Models

PRECALCULUS

Course Key: **PCAL** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03101100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, Geometry, Algebra 2

Precalculus is the preparation for calculus. The course is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with Algebra and Trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.

PRECALCULUS ADVANCED

Course Key: **PCALH** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03101100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, Geometry, Algebra 2

This course will explore the same topics as Precalculus with more depth and complexity.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

PRECALCULUS DUAL CRD ONRAMPS

Course Key: **PCALDO** Length: YR Course Type: Dual Credit Course Weight: Advanced
Service ID: 03101100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, Geometry, Algebra 2

Dual enrollment course offered through The University of Texas at Austin and taught at the high school campus during school hours. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff.

M 305 G - DISCOVERY PRECALCULUS

In Discovery Pre-Calculus, students will deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so they can successfully work with the concepts in a rigorous university-level calculus course.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

PRECALCULUS INCLUSION

Course Key: **PCALI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03101100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1, Geometry, Algebra 2, ARD Committee Placement
See Pre-Calculus

STATISTICS

Course Key: **STATS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03102530 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra 1

In Statistics, students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis.

STATISTICS AP

Course Key:	**STATSA**	Length: YR	Course Type: Adv. Placement	Course Weight:	Advanced
Service ID:	A3100200	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	Yes

Recommended Prerequisite(s): Geometry, Algebra 2

This course is a college level first course in probabilities and statistics designed to teach the student the fundamentals of determining and interpreting probabilities and statistics. Topics include methods of counting, computing probabilities, probability distributions, frequency distributions, sampling, data gathering, various methods of statistical analysis, z-scores, hypothesis testing, experiment design, and regression models.Students are expected to take the Advanced Placement Exam. Click here for more information. For more information visit www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

STATISTICS INCLUSION

Course Key:	**STATSI**	Length: YR	Course Type: Regular	Course Weight:	Core
Service ID:	03102530	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	Yes

Prerequisite(s): Algebra 1, ARD Committee Placement
See Statistics

IV. Science

AQUATIC SCIENCE

Course Key: **AQUA** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03030000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology

In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Investigations and field work in this course may emphasize fresh water or marine aspects of aquatic science depending primarily upon the natural resources available for study near the school. Students who successfully complete Aquatic Science will acquire knowledge about a variety of aquatic systems, conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical-thinking and problem-solving skills.

AQUATIC SCIENCE INCLUSION

Course Key: **AQUAI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03030000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology, ARD Committee Placement
See Aquatic Science

AQUATIC SCIENCE INCLUSION MOD

Course Key: **AQUAIM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03030000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology, ARD Committee Placement
See Aquatic Science

AQUATIC SCIENCE MODIFIED

Course Key: **AQUAM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03030000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology, ARD Committee Placement
See Aquatic Science

AQUATIC SCIENCE SKILLS T

Course Key: **AQUAT** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03030000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology, ARD Committee Placement
See Aquatic Science

ASTRONOMY

Course Key: **AST** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03060100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Recommended Prerequisite(s): one unit of high school science credit

In Astronomy, students conduct laboratory and field investigations, use scientific methods, and make informed decisions using critical thinking and scientific problem solving. Students study the following topics: astronomy in civilization, patterns and objects in the sky, our place in space, the moon, reasons for the seasons, planets, the sun, stars, galaxies, cosmology, and space exploration. Students who successfully complete Astronomy will acquire knowledge within a conceptual framework, conduct observations of the sky, work collaboratively, and develop critical-thinking skills.

ASTRONOMY INCLUSION

Course Key: **ASTI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03060100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

ASTRONOMY INCLUSION MODIFIED

Course Key: **ASTIM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03060100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

ASTRONOMY MODIFIED

Course Key: **ASTM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03060100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

BIOLOGY

Course Key: **BIO** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03010200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

In Biology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.

BIOLOGY ADVANCED

Course Key: **BIOH** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03010200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

This course is highly recommended as a prerequisite for those students who plan on taking AP Biology and the AP exam as Juniors or Seniors. This course will explore the same topics as core Biology with more depth and complexity. Laboratory work, including dissections, collections, and student-designed experiments is required.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

BIOLOGY AP

Course Key: **BIOA** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3010200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Recommended Prerequisite(s): Biology, Chemistry

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes - energy and communication, genetics, information transfer, ecology, and interactions. Upon completion of the course, students will be able to take the AP Biology exam. See the following website for more information:
www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

BIOLOGY INCLUSION

Course Key: **BIOI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03010200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Biology

BIOLOGY INCLUSION MODIFIED

Course Key: **BIOIM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03010200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Biology

BIOLOGY MODIFIED

Course Key: **BIOM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03010200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Biology

BIOLOGY SHELTERED INST

Course Key: **BIOS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03010200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, Identified LEP
See Biology

This course teaches all Biology TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills

BIOLOGY SKILLS T

Course Key: **BIOST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03010207 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Biology

CAPSTONE SCI RESEARCH DSGN ADV

Course Key: **CAPSCIA** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 13037200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology, Chemistry, Integrated Physics and Chemistry (IPC), or Physics. Course application with proposal to be approved.

CAPSTONE INDEPENDENT STUDY OF SCIENTIFIC RESEARCH AND DESIGN

Capstone independent study courses will greatly enhance the opportunities for the production of advanced academic products through guided research. A project that consists of the long-term development of a question or idea that is significant to professionals in the academic area of interest will be the focal point of these courses. Sophisticated research methods and technology appropriate to the field of study will be used. The project must demonstrate creative mastery of content through a final product and presentation of professional quality to an appropriate audience. Students who successfully complete a project will earn independent study credit in the chosen discipline.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

CHEMISTRY

Course Key: **CHEM** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03040000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): One unit of high school science and Algebra I

In Chemistry, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

CHEMISTRY ADVANCED

Course Key: **CHEMH** Length: YR Course Type:Honors Course Weight: Advanced
Service ID: 03040000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): One unit of high school science and Algebra I. Enrollment in or credit for Algebra II is recommended.

This course is highly recommended as a prerequisite for those students who plan on taking Advanced Placement Chemistry and the AP exam as Juniors or Seniors. This course will explore the same topics as core Chemistry with more depth and complexity. This course requires a strong mathematical background.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

CHEMISTRY AP

Course Key: **CHEMA** Length: YR Course Type:Adv. Placement Course Weight: Advanced
Service ID: A3040000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Recommended Prerequisite(s): Algebra II, Chemistry

The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Upon completion of the course, students will be able to take the AP Chemistry exam. A graphing calculator (TI 83+) is extremely useful. See www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

CHEMISTRY DUAL CREDIT ONRAMPS

Course Key: **CHEMDO** Length: YR Course Type:Dual Credit Course Weight: Advanced
Service ID: 03040000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

Dual enrollment course offered through The University of Texas at Austin and taught at the high school campus during school hours. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn four hours of UT credit with feedback and assessment provided by UT course staff.

CH301 - PRINCIPLES OF CHEMISTRY I & CH104M - INTRODUCTION TO CHEMICAL PRACTICES I (Lab)

Principles of Chemistry I addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. Introduction to Chemical Practices I, the course's lab component, provides an introduction to the techniques of modern experimental chemistry, and is designed to instill basic laboratory and analytical skills. Both courses are offered in 1 class period.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

CHEMISTRY INCLUSION

Course Key: **CHEMI** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03040000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): One Unit of H.S. Science and Algebra I, ARD Committee Placement
See Chemistry

CHEMISTRY INCLUSION MODIFIED

Course Key: **CHEMIM** Length: YR Course Type:Regular Course Weight: Modified
Service ID: 03040000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): One Unit of H.S. Science and Algebra I, ARD Committee Placement
See Chemistry

CHEMISTRY SHELTERED INSTR

Course Key: **CHEMS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03040000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, Identified LEP
See Chemistry

This course teaches all Chemistry TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

CHEMISTRY SKILLS T

Course Key: **CHEMST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03040000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Chemistry

CT ADV PLANT AND SOIL SCIENCE

Course Key: **CTAPSS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13002100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s):

ADVANCED PLANT AND SOCIAL SCIENCE

Advanced Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. To prepare for careers in plant and soil science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to plant and soil science and the workplace.

CT ADVANCED ANIMAL SCIENCE

Course Key: **CTAAS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13000700 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production.

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

CT ANATOMY AND PHYSIOLOGY

Course Key: **CTANP** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 13020600 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology and Chemistry

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

CT BIOTECHNOLOGY 1

Course Key: **CTBIOT1** Length: YR Course Type: Articulated/Hono Course Weight: Advanced
Service ID: 13036400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology

Recommended Prerequisite(s): Chemistry, Principles of Biosciences

In Biotechnology I, students will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques. Students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biotechnology I will study a variety of topics that include structures and functions of cells, nucleic acids, proteins, and genetics.

CT BIOTECHNOLOGY 2

Course Key: **CTBIOT2** Length: YR Course Type:Honors Course Weight: Advanced
Service ID: 13036450 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biotechnology I and Chemistry

Biotechnology II has the components of any rigorous scientific or bioengineering program of study from the problem identification, investigation design, data collection, data analysis, and formulation and presentation of the conclusions. This course applies the standard skills mastered in Biotechnology I and includes assay design. After taking this course, students should be prepared for entry-level lab technician jobs.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

CT ENGINEERINGSCI/PRINENG PLTW

Course Key: **CTPE** Length: YR Course Type:Regular Course Weight: Core
Service ID: 13037500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra I and Biology, Chemistry, Integrated Physics, and Chemistry (IPC), or Physics.
Recommended Prerequisite: Introduction to Engineering Design - PLTW, Geometry

Engineering Science/Principles of Engineering - PLTW

This survey course exposes students to major concepts they will encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. Possible college credit available based PLTW EOC exam score.

CT FORENSIC SCIENCE

Course Key: **CTFS** Length: YR Course Type:Regular Course Weight: Core
Service ID: 13029500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology and Chemistry
Recommended Prerequisite(s): Principles of Law, Public Safety Corrections, and Security; and Law Enforcement I

Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science.

CT PATHOPHYSIOLOGY

Course Key: **CTPATH** Length: YR Course Type:Regular Course Weight: Core
Service ID: 13020800 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology and Chemistry, At least one course in Health Science cluster recommended

The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.

CT SYSTEMS GO 1 ADVANCED

Course Key: **CTSYS1** Length: YR Course Type:Honors Course Weight: Advanced
Service ID: 13037210 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisites: Completion/Concurrent enrollment in Algebra II; completion of biology, chemistry, IPC , or physics; completion of Intro to Engineering Design

SYSTEMS GO 1 - TSIOLKOLVSKY (SCIENTIFIC RESEARCH AND DESIGN 2)

This course utilizes the SystemsGo rocketry program curriculum. Students in this course will study scientific methods of investigation and will design and launch a rocket carrying one pound of material at least one mile high.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

CT SYSTEMS GO 2 ADVANCED

Course Key: **CTSYS2** Length: YR Course Type:Honors Course Weight: Advanced
Service ID: 13037300 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisites: Algebra II and Biology, Chemistry, IPC, or Physics, and SYSTEMS GO 1 - TSIOLKOLVSKY (Scientific Research and Design 2)

SYSTEMS GO 2 OBERTH (ENGINEERING DESIGN AND PROBLEM-SOLVING)

This course utilizes the SystemsGo rocketry program curriculum. Students in this course will study scientific methods of investigation and will design and launch a transonic rocket.

SEE ALSO: CTSYS3 - SYSTEMS GO 3/ENGINEERING DESIGN AND PRESENTATION II in the CTE STEM section of this guide.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

EARTH AND SPACE SCIENCE

Course Key: **ESS** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03060200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Required prerequisites: three units of science, one of which may be taken concurrently, and three units of mathematics, one of which may be taken concurrently.

This courses is offered only at Richarte High School. Earth and Space Science is a course designed to build on students' prior scientific and academic knowledge and skills to develop understanding of Earth's system in space and time.

ENV SYSTEMS INCLUSION

Course Key: **ESYI** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03020000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology, IPC or Chemistry, ARD Committee Placement
See Environmental Systems

ENV SYSTEMS INCLUSION MODIFIED

Course Key: **ESYIM** Length: YR Course Type:Regular Course Weight: Modified
Service ID: 03020000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology, IPC or Chemistry, ARD Committee Placement
See Environmental Systems

ENV SYSTEMS MODIFIED

Course Key: **ESYM** Length: YR Course Type:Regular Course Weight: Modified
Service ID: 03020000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology, IPC or Chemistry, ARD Committee Placement
See Environmental Systems

ENV SYSTEMS SHELTERED INSTR

Course Key: **ESYS** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03020000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology, IPC or Chemistry, LPAC Placement, Identified LEP
See Environmental Systems

Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills

ENV SYSTEMS SKILLS T

Course Key: **ESYST** Length: YR Course Type:Regular Course Weight: Modified
Service ID: 03020000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology, IPC or Chemistry, ARD Committee Placement
See Environmental Systems

ENVIRONMENTAL SCIENCE AP

Course Key: **ESCA** Length: YR Course Type:Adv. Placement Course Weight: Advanced
Service ID: A3020000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Recommended Prerequisite(s): Biology, Chemistry, Algebra I

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental Science is interdisciplinary and embraces a wide variety of topics from different areas of study. These areas include environmental problems, matter and energy, ecosystems, biodiversity, populations, water resources and pollution, air pollution, climate geology, and waste. For additional information see www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

ENVIRONMENTAL SYSTEMS

Course Key: **ESY** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03020000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Biology, and either Chemistry, IPC or Physics

In Environmental Systems, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; sources and flow of energy though an environmental system; relationship between carrying capacity and changes in populations and ecosystems; and changes in environments.

INT PHYSICS CHEM INCLUSION

Course Key: **IPCI** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03060201 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Integrated Physics Chemistry

INT PHYSICS CHEM INCLUSION MOD

Course Key: **IPCIM** Length: YR Course Type:Regular Course Weight: Modified
Service ID: 03060201 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Integrated Physics Chemistry

INT PHYSICS CHEM MODIFIED

Course Key: **IPCM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03060201 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Integrated Physics Chemistry

INT PHYSICS CHEM SHELTERED INS

Course Key: **IPCS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03060201 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, Identified LEP
See Integrated Physics Chemistry

Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

INT PHYSICS CHEM SKILLS T

Course Key: **IPCST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03060201 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Integrated Physics Chemistry

INTEGRATED PHYSICS CHEMISTRY

Course Key: **IPC** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03060201 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

This course enables students to conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical-thinking and scientific problem-solving. This course integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter and solution chemistry.

PHYSICS

Course Key: **PHY** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03050000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): One unit of high school science, Algebra I, and completion or concurrent enrollment in Algebra II

In Physics, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills.

PHYSICS 1 AP

Course Key: **PHY1A** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3050003 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Recommended Prerequisite(s): Algebra I, Geometry, and credit for or concurrent enrollment in Algebra II

AP Physics 1 is an algebra-based introductory college level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy and power; mechanical waves and sound; and introductory simple circuits. The course is intended for students who want to study physics as a basis for more advanced work in the life science, medicine, geology, and related areas or as a component in a non-science college program that has a science requirement. Upon completion students will be offered the opportunity to take the AP physics one exam. See www.apcentral.collegeboard.com

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

PHYSICS 2 AP

Course Key: **PHY2A** Length: YR Course Type:Adv. Placement Course Weight: Advanced
Service ID: A3050004 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Recommended Prerequisite(s): Credit for or concurrent enrollment in Pre-Calculus and earned credit in AP Physics I

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. See www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

PHYSICS C MECHANICS AP

Course Key: **PHYCMA** Length: YR Course Type:Adv. Placement Course Weight: Advanced
Service ID: A3050006 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Credit for or concurrent enrollment in Calculus

AP Physics C: Mechanics is equivalent to a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. It is offered concurrently with AP Physics C: Electricity and Magnetism. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; oscillations and gravitation; electrostatics; conductors; capacitors and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course. For additional information see www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

PHYSICS DUAL CREDIT ONRAMPS

Course Key: **PHYSDO** Length: YR Course Type:Dual Credit Course Weight: Advanced
Service ID: 03050000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Algebra I, Geometry
Recommended Prerequisite(s): Algebra II or Pre-Calculus

Dual enrollment course offered through The University of Texas at Austin and taught at the high school campus during school hours. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn up to four hours of UT credit with feedback and assessment provided by UT course staff.

PHY302K - MECHANICS, HEAT, AND SOUND: GENERAL PHYSICS TECHNICAL COURSE I
PHY102M - LABORATORY FOR PHYSICS 302K

Mechanics, Heat, and Sound introduces big ideas in physics, such as Newtonian mechanics, which describes objects changing their state
of motion because of forces causing them to accelerate. Taken together, the topics reinforce the general idea that the behavior of many objects in the world can be described precisely with simple mathematics.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

PHYSICS INCLUSION

Course Key: **PHYI** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03050000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): One Unit of H.S. Science and Algebra I, ARD Committee Placement
See Physics

PHYSICS INCLUSION MODIFIED

Course Key: **PHYIM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03050000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): One Unit of H.S. Science and Algebra I, ARD Committee Placement
See Physics

PHYSICS SHELTERED INSTR

Course Key: **PHYS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03050000 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): One unit of high school science and Algebra I, LPAC Committee Placement
See Physics

SCIENCE 3 HIGH SCHOOL SKILLS T

Course Key: **SCIH3ST** Length: YR Course Type: Local Credit Course Weight: Modified
Service ID: 84800SC3 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

These Science courses study science-based concepts related specifically to independent daily living and employment. Attention is given to relating science to home and job practices. Activities will foster student understanding of their roles and responsibilities in adult life. Experiences are "hands-on" with an emphasis on cooperative learning strategies. As the student moves through the levels of instruction, skills build and expand to promote transition to independent living. The scope of this course and TEKS mastered are determined by the student's individual education plan (IEP).

Local Credit Course: Does not count toward state graduation requirements.

SCIENCE 4 HIGH SCHOOL SKILLS T

Course Key: **SCIH4ST** Length: YR Course Type: Local Credit Course Weight: Modified
Service ID: 84800SC4 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

See Science 3 HS Skills T

Local Credit Course: Does not count toward state graduation requirements.

SCIENCE 5 HIGH SCHOOL SKILLS T

Course Key: **SCIH5ST** Length: YR Course Type: Local Credit Course Weight: Modified
Service ID: 84800SC5 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

See Science 3 HS Skills T

Local Credit Course: Does not count toward state graduation requirements.

V. Social Studies

CAPSTONE ECONOMICS ADVANCED

Course Key: **CAPECA** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03310301 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Course application with proposal to be approved.

CAPSTONE ECONOMICS ADVANCED STUDIES

Capstone independent study courses will greatly enhance the opportunities for the production of advanced academic products through guided research. A project that consists of the long-term development of a question or idea that is significant to professionals in the academic area of interest will be the focal point of these courses. Sophisticated research methods and technology appropriate to the field of study will be used. The project must demonstrate creative mastery of content through a final product and presentation of professional quality to an appropriate audience. Students who successfully complete a project will earn independent study credit in the chosen discipline.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

CAPSTONE SOCIAL STUDIES ADV

Course Key: **CAPSSA** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03380001 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Course application with proposal to be approved.

CAPSTONE SOCIAL STUDIES ADVANCED STUDIES

Capstone independent study courses will greatly enhance the opportunities for the production of advanced academic products through guided research. A project that consists of the long-term development of a question or idea that is significant to professionals in the academic area of interest will be the focal point of these courses. Sophisticated research methods and technology appropriate to the field of study will be used. The project must demonstrate creative mastery of content through a final product and presentation of professional quality to an appropriate audience. Students who successfully complete a project will earn independent study credit in the chosen discipline.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

CAPSTONE SS RSRCH METHODS ADV

Course Key: **CAPSSRA** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03380003 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Course application with proposal to be approved.

CAPSTONE SOCIAL STUDIES RESEARCH METHODS

Capstone independent study courses will greatly enhance the opportunities for the production of advanced academic products through guided research. A project that consists of the long-term development of a question or idea that is significant to professionals in the academic area of interest will be the focal point of these courses. Sophisticated research methods and technology appropriate to the field of study will be used. The project must demonstrate creative mastery of content through a final product and presentation of professional quality to an appropriate audience. Students who successfully complete a project will earn independent study credit in the chosen discipline.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

ECONOMICS DUAL CREDIT 2301

Course Key: **ECOD** Length: SM Course Type: Dual Credit Course Weight: Advanced
Service ID: 03310300 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Dual credit course offered through Austin Community College and taught at the high school campus during school hours. Students earn both high school and college credit upon completion for the following ACC course(s):

ECON 2301 - PRINCIPLES OF MACROECONOMICS

Principles of Macroeconomics deals with consumers as a whole, producers as a whole, the effects of government spending and taxation policies and the effects of the monetary policy carried out by the Federal Reserve Bank. Macroeconomics is concerned with unemployment, inflation, and the business cycle.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

ECONOMICS INCLUSION

Course Key: **ECOI** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03310300 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Economics-Free Enterprise

ECONOMICS INCLUSION MODIFIED

Course Key: **ECOIM** Length: SM Course Type: Regular Course Weight: Modified
Service ID: 03310300 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Economics-Free Enterprise

ECONOMICS MODIFIED

Course Key: **ECOM** Length: SM Course Type: Regular Course Weight: Modified
Service ID: 03310300 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Economics-Free Enterprise

ECONOMICS SHELTER INSTRUCTION

Course Key: **ECOS** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03310300 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, Identified LEP

See Economics-Free Enterprise. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

ECONOMICS SKILLS T

Course Key: **ECOST** Length: SM Course Type: Regular Course Weight: Modified
Service ID: 03310300 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See Economics-Free Enterprise

ECONOMICS-FREE ENTERPRISE

Course Key: **ECO** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03310300 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

Economics with Emphasis on the Free Enterprise System and Its Benefits is the culmination of the economic content and concepts studied from Kindergarten through required secondary courses. The focus is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Types of business ownership and market structures are discussed. The course also incorporates instruction in personal financial literacy. Students apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues.

ETHNIC STUDIES : MEXICAN AM SI

Course Key: **ETHSMAS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03380084 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, Identified LEP

This course teaches all Ethnic Studies - Mexican American Studies TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills

ETHNIC STUDIES : MEXICAN AMER

Course Key: **ETHSMA** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03380084 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

In Ethnic Studies: Mexican American Studies, an elective course, students learn about the history and cultural contributions of Mexican Americans. Students explore history and culture from an interdisciplinary perspective. The course emphasizes events in the 20th and 21st centuries, but students will also engage with events prior to the 20th century.

To support the teaching of the essential knowledge and skills, the use of a variety of rich primary and secondary source material such as biographies, autobiographies, landmark cases of the U.S. Supreme Court, novels, speeches, letters, diaries, poetry, songs, and artwork is encouraged. Motivating resources are available from museums, historical sites, presidential libraries, and local and state preservation societies.

ETHNIC STUDIES: AFRICAN AMER

Course Key: **ETHSAA** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03380085 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

In Ethnic Studies: African American Studies, an elective course, students learn about the history and cultural contributions of African Americans. This course is designed to assist students in understanding issues and events from multiple perspectives. This course develops an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions within the broader context of United States history. It requires an analysis of important ideas, social and cultural values, beliefs, and traditions. Knowledge of past achievements provides citizens of the 21st century with a broader context within which to address the many issues facing the United States.

To support the teaching of the essential knowledge and skills, the use of a variety of rich primary and secondary source material such as biographies, autobiographies, landmark cases of the U.S. Supreme Court, novels, speeches, letters, diaries, poetry, songs, and artwork is encouraged. Resources are available from museums, historical sites, presidential libraries, and local and state preservation societies.

EUROPEAN HISTORY AP

Course Key: **EHA** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3340200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

AP European History is designed to be the equivalent of a two-semester introductory college or university European history course. In AP European History students investigate significant events, individuals, developments, and processes in four historical periods from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing historical evidence; contextualization; comparison; causation; change and continuity over time; and argument development. The course also provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; individual and society; and national and European identity. For more information visit www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

HUMAN GEOGRAPHY (WORLD) AP

Course Key: **HGA** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3360100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. This course counts as World Geography credit. For more information visit www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

MACROECONOMICS AP

Course Key: **ECOA** Length: SM Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3310200 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. For more information visit www.apcentral.collegeboard.org

AP Course: Carefully review the Pre-AP/AP Course Commitment guidelines before selecting this course.

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

OLD/NEW TEST BIBLE W CIV

Course Key: **BIBLE** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03380072 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

INFLUENCE OF OLD/NEW TESTAMENT BIBLE ON WESTERN CIVILIZATION

Influence of the Old Testament (OT) and New Testament (NT) Bible on American Civilization will examine OT/NT Bible stories and teachings that have influenced the development of the United States. In the course, students will reflect on their knowledge of American civilization as they read and study from the course text and from their own translation of the OT/NT Bible. Students will analyze literary forms and contents of the Bible so they have a better understanding of its influences on literature, art, and culture.
Focus will be placed on analytical writing. The course will be taught in an objective, academic manner with the focus on the Bible's role in American life, language, and culture. The course will neither promote nor disparage religion and will not be taught from a particular sectarian point of view. Instructional materials and lessons that are of a devotional nature will not be used. NOTE: This course will be offered on campuses where there is sufficient student interest and instructor availability.

PERSONAL FINANCIAL LITERACY

Course Key: **PFL** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03380082 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

Personal Financial Literacy is designed to be an interactive and research-based course. The course will teach students to apply critical-thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and post-secondary education and training. There are many references to conducting a cost-benefit analysis for spending and investing decisions. Students evaluate the necessity of the purchase, the quality or value of the purchase or investment compared to other alternatives, and the total cost of acquisition, particularly in the context of financing options. Students also understand the power of both compound growth on investments and compound interest on debt and how these concepts affect the ability to build wealth over time.

PSYCHOLOGY

Course Key: **PSYCH** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03350100 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

In Psychology, an elective course, students study the science of behavior and mental processes. Students examine the full scope of the science of psychology, such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology

PSYCHOLOGY AP

Course Key: **PSYCHA** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3350100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

This course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas. For more information visit www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

SOCIOLOGY

Course Key: **SOC** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03370100 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

Sociology, an elective course, is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.

UNITED STATES GOVERNMENT

Course Key: **USG** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03330100 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

In United States Government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. This course is the culmination of the civic and governmental content and concepts studied from Kindergarten through required secondary courses. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems. Students identify the role of government in the U.S. free enterprise system and examine the strategic importance of places to the United States. Students analyze the impact of individuals, political parties, interest groups, and the media on the American political system, evaluate the importance of voluntary individual participation in a constitutional republic, and analyze the rights guaranteed by the U.S. Constitution. Students examine the relationship between governmental policies and the culture of the United States. Students identify examples of government policies that encourage scientific research and use critical-thinking skills to create a product on a contemporary government issue.

UNITED STATES GOVERNMENT AP

Course Key: **USGA** Length: SM Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3330100 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they complete a political science research or applied civics project. For more information visit www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

UNITED STATES HISTORY

Course Key: **USH** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03340100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

In United States History Studies Since 1877, which is the second part of a two-year study that begins in Grade 8, students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provide a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights. Students examine the impact of geographic factors on major events and eras and analyze their causes and effects. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic process. Students describe the relationship between the arts and popular culture and the times during which they were created. Students analyze the impact of technological innovations on American life. Students use critical-thinking skills and a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context.

UNITED STATES HISTORY AP

Course Key: **USHA** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3340100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. For more information visit www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

US GOVERNMENT DC 2305

Course Key: **USGD** Length: SM Course Type: Dual Credit Course Weight: Advanced
Service ID: 03330100 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Dual credit course offered through Austin Community College and taught at the high school campus during school hours. Students earn both high school and college credit upon completion for the following ACC course(s):

GOVT 2305 - UNITED STATES GOVERNMENT
This course is an introduction to United States government. The course includes a framework for understanding United States government and politics and the constitutional basis for the processes, the institutions, and the policies of United States

government and politics.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

US GOVERNMENT INCLUSION

Course Key: **USGI** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03330100 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See United States Government

US GOVERNMENT INCLUSION MOD

Course Key: **USGIM** Length: SM Course Type: Regular Course Weight: Modified
Service ID: 03330100 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See United States Government

US GOVERNMENT MODIFIED

Course Key: **USGM** Length: SM Course Type: Regular Course Weight: Modified
Service ID: 03330100 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See United States Government

US GOVERNMENT SHELTERED INSTR

Course Key: **USGS** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03330100 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, Identified LEP
See United States Government. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

US GOVERNMENT SKILLS T

Course Key: **USGST** Length: SM Course Type: Regular Course Weight: Modified
Service ID: 03330100 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See United States Government

US HISTORY DC 1301

Course Key: **USHDC1** Length: SM Course Type: Dual Credit Course Weight: Advanced
Service ID: 03380001 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

ACC course offered on high school campuses during school hours. Students earn both high school and college credit upon completion for the following ACC course(s):

HIST 1301 - United States History to 1876 (High school credit awarded for Advanced Social Studies)
This course is a survey of American history from 1492 to 1877. This class offers students opportunities to pursue historical topics of individual interest and enhance their reading, writing, and critical thinking skills.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

US HISTORY DC 1302

Course Key: **USHDC2** Length: SM Course Type: Dual Credit Course Weight: Advanced
Service ID: 03340100 Credits: 0.50 Credit Type: State Counted in Rank GPA: Yes

ACC course offered on high school campuses during school hours. Students earn both high school and college credit upon completion for the following ACC course(s):

HIST 1302 - United States History from 1877 (High school credit awarded for US History)
This course is a survey of American history from 1877 to the present and partially fulfills the legislative requirement. While it is primarily intended to be a lecture course, we will devote a substantial amount of class time to discussion and questions. This class offers students opportunities to pursue historical topics of individual interest and enhance their reading, writing, and critical thinking skills.

Note: Accelerated course awards a full year of credit in one semester. Only one semester of this credit will count toward class rank.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

US HISTORY INCLUSION

Course Key: **USHI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03340100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See US History

US HISTORY INCLUSION MODIFIED

Course Key: **USHIM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03340100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See US History

US HISTORY MODIFIED

Course Key: **USHM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03340100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See US History

US HISTORY SHELTERED INSTR

Course Key: **USHS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03340100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, Identified LEP
See US History. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

US HISTORY SKILLS T

Course Key: **USHST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03340107 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See US History

WORLD GEOGRAPHY

Course Key: **WG** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03320100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

In World Geography Studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view

affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions

WORLD GEOGRAPHY INCLUSION

Course Key: **WGI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03320100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See World Geography

WORLD GEOGRAPHY INCLUSION MOD

Course Key: **WGIM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03320100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See World Geography

WORLD GEOGRAPHY MODIFIED

Course Key: **WGM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03320100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See World Geography

WORLD GEOGRAPHY SHELTERED INST

Course Key: **WGS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03320100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, Identified LEP
See World Geography. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

WORLD GEOGRAPHY SKILLS T

Course Key: **WGST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03320100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See World Geography

WORLD HISTORY

Course Key: **WH** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03340400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

World History Studies is a survey of the history of humankind. Due to the expanse of world history and the time limitations of the school year, the scope of this course should focus on "essential" concepts and skills that can be applied to various eras, events, and people within the standards in subsection (c) of this section. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students evaluate the causes and effects of political and economic imperialism and of major political revolutions since the 17th century. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which constitutional governments evolved as well as the ideas from historic documents that influenced that process. Students trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. Students analyze the connections between major developments in science and technology and the growth of industrial economies, and they use the process of historical inquiry to research, interpret, and use multiple sources of evidence.

WORLD HISTORY AP

Course Key: **WHA** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3370100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

For more information visit www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

WORLD HISTORY INCLUSION

Course Key: **WHI** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03340400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See World History

WORLD HISTORY INCLUSION MOD

Course Key: **WHIM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03340400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See World History

WORLD HISTORY MODIFIED

Course Key: **WHM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03340400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See World History

WORLD HISTORY SHELTERED INSTR

Course Key: **WHS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03340400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): LPAC Placement, Identified LEP

See World History. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

WORLD HISTORY SKILLS T

Course Key: **WHST** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 03340400 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): ARD Committee Placement
See World History

VI. Languages Other Than English

COMPUTER SCIENCE A LOTE AP

Course Key: **CSCIALA** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3580120 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Corequisite(s): Computer Science A Math AP

See AP Computer Science under Mathematics for course description. Students enrolled in AP Computer Science also receive 1 credit in mathematics.

NOTE REGARDING COMPUTER SCIENCE & LOTE GRADUATION REQUIREMENTS:

The State Board of Education has approved specific computer sciences to substitute for LOTE credits. Georgetown ISD offers the following approved LOTE substitution courses: Computer Science Principles AP, Computer Science I, and Computer Science A AP. Students must complete 2 courses in Computer Science to satisfy the graduation requirement.

Please note that outside of Texas public universities, not all colleges and universities accept computer science for admission purposes as satisfying the LOTE requirement. Additionally, once admitted colleges and universities may have traditional LOTE graduation requirements. Students are encouraged to reach out to their prospective college(s) before enrollment in these courses for information about college admissions and graduation requirements.

NOTE REGARDING GPA/RANK CREDITS:

Computer Science A AP is a unique course that awards 1.0 credit for LOTE and 1.0 credit for Math. Students will be awarded and transcribed a numeric grade for the math credit and a Pass/Fail for the LOTE credit. Pass/fail grades do not count in rank GPA.

Beginning with the graduating class of 2025: Students in the graduating class of 2025 or later may elect to have the numeric grade awarded and transcribed for the LOTE credit and a Pass/Fail for the Math credit by submitting a request within two weeks after the end of the school year in which the student has taken the class. Both numeric semester grades will be transferred from Math to LOTE and cannot be split between areas. This request must be received and processed before rank and GPA are run by the district.

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

FRENCH 1

Course Key: **FREN1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03410100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

This course provides an introduction to the five Cs: communication (speaking, listening, reading, writing); culture (understanding the people, practices, products and perspectives); connections (with other subject areas); comparisons (one's own culture and language with another); and communities (using language beyond the school setting for personal and career development). Students will begin practicing their interpersonal, interpretive, and presentation communication skills in their target language.

FRENCH 2

Course Key: **FREN2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03410200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Credit in Level I

This course will enable students to further explore the five C's (communication, culture, connections, comparisons, and communities), completing the novice level of proficiency. Students will continue to work on their interpersonal, interpretive, and presentation skills in order to effectively communicate with others. This course aims to provide students with a well-rounded exploration and foundation of their respective target language.

FRENCH 2 ADVANCED

Course Key: **FREN2H** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03410200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Credit in Level I

This course will further explore the five C's, pushing into the intermediate level of proficiency. Students will begin strengthening their interpersonal, interpretive, and presentation skills in order to communicate with different audiences. Students will sharpen their global understanding of the language by analyzing authentic materials. Students will begin to practice strategies for AP and other college placement exams. It is strongly recommended that students planning to take a level III, to select level II Advanced in order to be better prepared. Although not exclusively, the course instructor will use the target language during instruction.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

FRENCH 3 ADVANCED

Course Key: **FREN3H** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03410300 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Credit in Levels I and II

This course will primarily focus on strengthening students' interpersonal, interpretive, and presentation skills. This course will stress students' abilities to effectively utilize different forms of communication. Students will be provided opportunities to practice their real world survival skills both in and outside of the classroom. This course will contain a component of AP curriculum and AP-style tasks in an attempt to prepare students for their respective AP Language and Culture exam. In an attempt to further prepare students for their respective AP language exam, a higher amount of the target language will be spoken by the course instructor.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

FRENCH 4 LANGUAGE & CULTURE AP

Course Key: **FREN4A** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3410100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Successful completion of Levels I, II, and III

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French.

The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). For additional AP French information, go to: www.apcentral.collegeboard.org

Note: Students who need Level V or VI of a LOTE course may request it as needed. Please see your counselor for additional information.

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

FRENCH 5

Course Key: **FREN5** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03410500 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Credit in Level IV

GERMAN 1

Course Key: **GER1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03420100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

This course provides an introduction to the five Cs: communication (speaking, listening, reading, writing); culture (understanding the people, practices, products and perspectives); connections (with other subject areas); comparisons (one's own culture and language with another); and communities (using language beyond the school setting for personal and career development). Students will begin practicing their interpersonal, interpretive, and presentation communication skills in their target language.

GERMAN 2

Course Key: **GER2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03420200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Credit in Level I

This course will enable students to further explore the five C's (communication, culture, connections, comparisons, and communities), completing the novice level of proficiency. Students will continue to work on their interpersonal, interpretive, and presentation skills in order to effectively communicate with others. This course aims to provide students with a well-rounded exploration and foundation of their respective target language.

GERMAN 2 ADVANCED

Course Key: **GER2H** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03420200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Credit in Level I

This course will further explore the five C's, pushing into the intermediate level of proficiency. Students will begin strengthening their interpersonal, interpretive, and presentation skills in order to communicate with different audiences. Students will sharpen their global understanding of the language by analyzing authentic materials. Students will begin to practice strategies for AP and other college placement exams. It is strongly recommended that students planning to take a level III course to select level II Advanced in order to be better prepared. Although not exclusively, the course instructor will use the target language during instruction.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

GERMAN 3 ADVANCED

Course Key: **GER3H** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03420300 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Credit in Levels I and II

This course will primarily focus on strengthening students' interpersonal, interpretive, and presentation skills. This course will stress students' abilities to effectively utilize different forms of communication. Students will be provided opportunities to practice their real world survival skills both in and outside of the classroom. This course will contain a component of AP curriculum and AP-style tasks in an attempt to prepare students for their respective AP Language and Culture exam. In an attempt to further prepare students for their respective AP language exam, a higher amount of the target language will be spoken by the course instructor.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

GERMAN 4 LANGUAGE & CULTURE AP

Course Key: **GER4A** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3420100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Successful completion of Levels I, II, and III

The AP German Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP German Language and

Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in German.

The AP German Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). For additional information go to: www.apcentral.collegeboard.org

Note: Students who need Level V or VI of a LOTE course may request it as needed. Please see your counselor for additional information.

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

SPANISH 1

Course Key: **SPA1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03440100 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): None

This course provides an introduction to the five Cs: communication (speaking, listening, reading, writing); culture (understanding the people, practices, products and perspectives); connections (with other subject areas); comparisons (one's own culture and language with another); and communities (using language beyond the school setting for personal and career development). Students will begin practicing their interpersonal, interpretive, and presentation communication skills in their target language.

SPANISH 2

Course Key: **SPA2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03440200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Credit in Level I

This course will enable students to further explore the five C's (communication, culture, connections, comparisons, and communities), completing the novice level of proficiency. Students will continue to work on their interpersonal, interpretive, and presentation skills in order to effectively communicate with others. This course aims to provide students with a well-rounded exploration and foundation of their respective target language.

SPANISH 2 ADVANCED

Course Key: **SPA2H** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03440200 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Credit in Level I

This course will further explore the five C's, pushing into the intermediate level of proficiency. Students will begin strengthening their interpersonal, interpretive, and presentation skills in order to communicate with different audiences. Students will sharpen their global understanding of the language by analyzing authentic materials. Students will begin to practice strategies for AP and other college placement exams. It is strongly recommended that students planning to take a level III course to select level II Advanced in order to be better prepared. Although not exclusively, the course instructor will use the target language during instruction.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

SPANISH 3 ADVANCED

Course Key: **SPA3H** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 03440300 Credits: 1.00 Credit Type: State Counted in Rank GPA: Yes

Prerequisite(s): Credit in Levels I and II

This course will primarily focus on strengthening students' interpersonal, interpretive, and presentation skills. This course will stress students' abilities to effectively utilize different forms of communication. Students will be provided opportunities to practice their real world survival skills both in and outside of the classroom. This course will contain a component of AP curriculum and AP-style tasks in an attempt to prepare students for their respective AP Language and Culture exam. In an attempt to further prepare students for their respective AP language exam, a higher amount of the target language will be spoken by the course instructor.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

SPANISH 4 LANG & CULTURE AP

Course Key:	**SPA4A**	Length: YR	Course Type: Adv. Placement	Course Weight:	Advanced
Service ID:	A3440100	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	Yes

Prerequisite(s): Successful completion of Levels I, II, and III

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish.

The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). For additional information go to: www.apcentral.collegeboard.org

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

SPANISH 5 LIT & CULTURE AP

Course Key:	**SPA5A**	Length: YR	Course Type: Adv. Placement	Course Weight:	Advanced
Service ID:	A3440200	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	Yes

Prerequisite(s): Successful completion three years of high school-level Spanish language study. Recommended successful completion of AP Spanish Language and Culture 4

The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism). For additional information go to: www.apcentral.collegeboard.org

Note: Students who need Level VI of a LOTE course may request it as needed. Please see your counselor for additional information.

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

VII. Electives: Career and Technical Education

CT CAREER PREP 1 MODIFIED

Course Key: **CTCAR1M** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 12701300 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): ARD Committee Placement; Students must be 16 years of age and have reliable transportation to enroll in this program. Students must average a minimum 10 hours of work per week.

Students must maintain employment throughout the entire school year at an approved jobsite to continue in this work-based learning program. The student's approved worksite should relate to his/her Program of Study. Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. This instructional arrangement should be an advanced component of a student's individual program of study. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations and portfolio development. Career preparation is relevant, rigorous and supports student attainment of academic standards and effectively prepares students for college and career success

CT CAREER PREP 2 MODIFIED

Course Key: **CTCAR2M** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 12701400 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): ARD Committee Placement; Students must be 16 years of age and have reliable transportation to enroll in this program. Students must average a minimum of 10 hours of work per week.

See Career Prep 2

CT CAREER PREP EXTEND 1 MOD

Course Key: **CTCARE1M** Length: YR Course Type: Regular Course Weight: Modified
Service ID: 12701305 Credits: 3.00 Credit Type: State Counted in Rank GPA: No

CAREER PREPARATION EXTENDED I MODIFIED

Recommended Prerequisite(s): ARD Committee Placement; Students must be 16 years of age and have reliable transportation to enroll in this program. Students must average a minimum 15 hours of work per week.

See Career Prep Extended I

CT CAREER PREP EXTEND 2 MOD

Course Key: **CTCARE2M** Length: YR Course Type: Regular Course Weight: Core
Service ID: 12701405 Credits: 3.00 Credit Type: State Counted in Rank GPA: No

CAREER PREPARATION EXTENDED II MODIFIED

Recommended Prerequisite(s): ARD Committee Placement; Students must be 16 years of age and have reliable transportation to enroll in this program. Students must average a minimum 15 hours of work per week.

See Career Prep Extended II

CT CAREER PREP EXTENDED 1

Course Key: **CTCARE1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 12701305 Credits: 3.00 Credit Type: State Counted in Rank GPA: No

CAREER PREPARATION EXTENDED I

Recommended Prerequisite(s): Students must be 16 years of age and have reliable transportation to enroll in this program. Students must average a minimum 15 hours of work per week.

Students must maintain employment throughout the entire school year at an approved jobsite to continue in this work-based learning program. The student's approved worksite should relate to his/her Program of Study. Career Preparation provides

opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. This instructional arrangement should be an advanced component of a student's individual program of study. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations and portfolio development. Career preparation is relevant, rigorous and supports student attainment of academic standards and effectively prepares students for college and career success.

CT CAREER PREP EXTENDED 2

Course Key: **CTCARE2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 12701405 Credits: 3.00 Credit Type: State Counted in Rank GPA: No

CAREER PREPARATION EXTENDED II

Recommended Prerequisite(s): Students must be 16 years of age and have reliable transportation to enroll in this program. Students must average a minimum 15 hours of work per week.

See Career Prep Extended I

CT CAREER PREPARATION 1

Course Key: **CTCAR1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 12701300 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

CAREER PREPARATION I

Recommended Prerequisite(s): Students must be 16 years of age and have reliable transportation to enroll in this program. Students must average a minimum 10 hours of work per week.

Students must maintain employment throughout the entire school year at an approved jobsite to continue in this work-based learning program. The student's approved worksite should relate to his/her Program of Study. Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. This instructional arrangement should be an advanced component of a student's individual program of study. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations and portfolio development. Career preparation is relevant, rigorous and supports student attainment of academic standards and effectively prepares students for college and career success.

CT CAREER PREPARATION 2

Course Key: **CTCAR2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 12701400 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

CAREER PREPARATION II

Recommended Prerequisite(s): Students must be 16 years of age and have reliable transportation to enroll in this program. Students must average a minimum 10 hours of work per week.

Students must maintain employment throughout the entire school year at an approved job site to continue in this work-based learning program. The student's approved work site should relate to his/her Program of Study. Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. This instructional arrangement should be an advanced component of a student's individual program of study. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations and portfolio development. Career preparation is relevant, rigorous and supports student attainment of academic standards and effectively prepares students for college and career success.

CT GEN EMPLOY SKILLS MODIFIED

Course Key: **CTGESM** Length: YR Course Type: Regular Course Weight: Modified
Service ID: N1270153 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

This course provides students with knowledge of the prerequisite skills for general employment as well as the means of obtaining those skills. Employability skills include fundamentals of maintenance of personal appearance and grooming. The course also includes the knowledge, skills, and attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong members of the work team. Discovering job possibilities that link skills, abilities, interests, values, needs, and work environment preferences is a part of the process of obtaining employability skills and abilities and is experiential learning that takes place over time.

This course is designed to guide students in obtaining the knowledge and the needed employability skills that are transferable among a variety of jobs and careers and are considered essential in any employment situation. Students will learn and apply basic knowledge of what is expected in the workplace.

CT PROJECT-BASED RESEARCH 1

Course Key: **CTPRJR1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 12701500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

PROJECT BASED RESEARCH 1

Prerequisite(s): None

Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

CT PROJECT-BASED RESEARCH 2

Course Key: **CTPRJR2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 12701510 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

PROJECT BASED RESEARCH 2

Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings

CT PROJECT-BASED RESEARCH 3

Course Key: **CTPRJR3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 12701520 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

PROJECT BASED RESEARCH 3

Project-Based Research is a course for students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings

VII. Electives: Career and Technical Education: Agriculture, Food & Natural Resources

CT AG EQUIPMENT DESIGN/LAB

Course Key: **CTAGM3L** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13002360 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Agricultural Mechanics and Metal Technologies

AGRICULTURAL EQUIPMENT DESIGN AND FABRICATION/LAB

In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural equipment design and fabrication. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

CT AG MECHANICS & METAL TECH

Course Key: **CTAGM1** Length: YR Course Type: Articulated Course Weight: Core
Service ID: 13002200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Principles of Agriculture, Food, & Natural Resources

AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES

Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT AG STRUCTURE DSGN FABR/LAB

Course Key: **CTAGM2L** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13002310 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

AGRICULTURAL STRUCTURES DESIGN AND FABRICATION LAB

In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

CT AG STRUCTURES DESIGN & FAB

Course Key: **CTAGM2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13002300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Ag Mechanics and Metal Technologies

AGRICULTURAL STRUCTURES DESIGN AND FABRICATION

To be prepared for careers in agricultural power, structural, and technical systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to agricultural power, structural and technical systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply and transfer their knowledge and technical skills in a variety of settings. This course is designed to develop an understanding of agricultural power systems, metal fabrications techniques, agricultural structures, electrical controls, and land and water management systems.

CT AGR EQUIPMENT DESIGN

Course Key: **CTAGM3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13002350 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Agricultural Mechanics and Metal Technologies

AGRICULTURAL EQUIPMENT DESIGN AND FABRICATION

In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural equipment design and fabrication. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

CT EQUINE SCIENCE

Course Key: **CTEQUIN** Length: SM Course Type: Regular Course Weight: Core
Service ID: 13000500 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Recommended Corequisite(s): Small Animal Management

In Equine Science, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys, and mules. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

CT FLORAL DESIGN

Course Key: **CTFD** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13001800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None (Course satisfies fine arts graduation requirement)

FLORAL DESIGN

Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral 50 enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. To prepare for careers in floral design, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

CT FLORAL DESIGN ADVANCED

Course Key: **CTFDA** Length: YR Course Type: Regular Course Weight: Core
Service ID: N1300270 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Floral Design

ADVANCED FLORAL DESIGN

In this course, students build on the knowledge from the Floral Design course and are introduced to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning. This course focuses on building skills in advanced floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event.

CT LIVESTOCK PRODUCTION

Course Key: **CTLP** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13000300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

LIVESTOCK PRODUCTION

In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

CT PRACTICUM AG FOOD NAT RES

Course Key: **CTPRAG** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13002500 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): A minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster.

PRACTICUM IN AGRICULTURE, FOOD AND NATURAL RESOURCES

The practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories.

CT PRINCIPLES AGR FOOD NAT RES

Course Key: **CTPAGN** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13000200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES

To be prepared for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

CT SMALL ANIMAL MANAGEMENT

Course Key: **CTSMANI** Length: SM Course Type: Regular Course Weight: Core
Service ID: 13000400 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Recommended Corequisite(s): Equine Science

SMALL ANIMAL MANAGEMENT

In Small Animal Management, students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings.

CT VETERINARY MED APPLICATIONS

Course Key: **CTVET** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13000600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Equine Science, Small Animal Management, or Livestock Production.

VETERINARY MEDICAL APPLICATIONS

Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. Students in this course are

working towards a Veterinary Assistant certification.

SEE ALSO: CTAAS: CT Advanced Animal Science listed under Science section

CT WILDLIFE FISH & ECO MGT

Course Key:	**CTWFE**	Length: YR	Course Type: Regular	Course Weight:	Core
Service ID:	13001500	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	No

Prerequisite(s): None

WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT

To be prepared for careers in natural resource systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices.

VII. Electives: Career and Technical Education: Arts, Audio/Video & Communications

CT AUDIO/VIDEO PRODUCTION 1

Course Key: **CTAVP1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13008500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None.

AUDIO/VIDEO PRODUCTION I

In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products.

CT AUDIO/VIDEO PRODUCTION 2

Course Key: **CTAVP2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13008600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Audio/Video Production I

AUDIO/VIDEO PRODUCTION II

Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products.

CT AV PRODUCTION/LAB 1

Course Key: **CTAVP1L** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13008510 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None.

AUDIO/VIDEO PRODUCTION I/LAB

In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products. Students who take the lab version of this course can have time devoted specifically to the production and post-production process.

CT AV PRODUCTION/LAB 2

Course Key: **CTAVP2L** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13008610 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Audio/Video Production I

AUDIO/VIDEO PRODUCTION/LAB II

Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products.

Students who take this lab can have time devoted specifically to the production and post-production process.

CT COMMERCIAL PHOTOGRAPHY

Course Key: **CTCPHO1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13009100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

COMMERCIAL PHOTOGRAPHY I

Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. In addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs.

CT COMMERICAL PHOTOGRAPHY 2

Course Key: **CTCPHO2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13009200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended prerequisite: Commercial Photography I

COMMERCIAL PHOTOGRAPHY II

Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. In addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs.

CT DIGITAL MEDIA

Course Key: **CTDM** Length: YR Course Type: Articulated Course Weight: Core
Service ID: 13027800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Principles of Business, Marketing, and Finance

DIGITAL MEDIA

Students study digital and interactive media and its application in information assesses current and emerging technologies while designing and creating multimedia projects that address customer needs and resolves problems. Knowledge and skills acquired will enable students to successfully perform in a technology driven society.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT PRACTICUM A/V PRODUCTION

Course Key: **CTAVPP** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13008700 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Audio/Video Production II and Audio/Video Production II Lab

Careers in audio/video production span all aspects of the audio/video communications industry. Building upon the concepts taught in Audio/Video Production II and its corequisite Audio/Video Production II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

CT PRIN ART AV TECH COM

Course Key: **CTAAV1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13008200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY AND COMMUNICATIONS

The Arts, Audio/Video Technology, and Communications Career Cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

CT PROF COMMUNICATIONS SKILLST

Course Key: **CTPCST** Length: SM Course Type: Regular Course Weight: Modified
Service ID: 13009900 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

See Professional Communication

CT PROFESSIONAL COMMUNICATION

Course Key: **CTPC** Length: SM Course Type: Regular Course Weight: Core
Service ID: 13009900 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

PROFESSIONAL COMMUNICATION

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

VII. Electives: Career and Technical Education: Business Management & Administration

CT BUSINESS INFO MGT 1

Course Key: **CTBIM1** Length: YR Course Type:Articulated Course Weight: Core
Service ID: 13011400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

BUSINESS INFORMATION MANAGEMENT I

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and post-secondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT BUSINESS INFO MGT 1 MOD

Course Key: **CTBIM1M** Length: YR Course Type:Regular Course Weight: Modified
Service ID: 13011400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

See BUSINESS INFORMATION MANAGEMENT I

CT BUSINESS LAW

Course Key: **CTBL** Length: YR Course Type:Regular Course Weight: Core
Service ID: 13011700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

BUSINESS LAW

Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.

CT BUSINESS MANAGEMENT

Course Key: **CTBM** Length: YR Course Type:Articulated Course Weight: Core
Service ID: 13012100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None
Recommended Prerequisite: Principles of Business, Marketing, and Finance

BUSINESS MANAGEMENT

Students recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students analyze the primary functions of management and leadership, which are planning, organizing, staffing, directing or leading, and controlling. Topics will incorporate social responsibility of business and industry. Students develop a foundation in the economical, financial, technological, international, social, and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate management decisions.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT ENTREPRENEURSHIP

Course Key:	**CTENT**	Length: YR	Course Type: Articulated	Course Weight:	Core
Service ID:	13034400	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	No

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance, Business Management

ENTREPRENEURSHIP

Students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students understand the capital required, the return on investment desired, and the potential for profit.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT PRACT BUSINESS MANAGEMENT

Course Key:	**CTBMP**	Length: YR	Course Type: Regular	Course Weight:	Core
Service ID:	13012200	Credits: 2.00	Credit Type: State	Counted in Rank GPA:	No

Recommended prerequisites: None

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies.

CT PRIN BUSINESS MKTG FINANCE

Course Key:	**CTBMF**	Length: YR	Course Type: Regular	Course Weight:	Core
Service ID:	13011200	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	No

Prerequisite(s): None

PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

VII. Electives: Career and Technical Education: Education & Training

CT INSTRUCTIONAL PRACTICES

Course Key: **CTEDT2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13014400 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Recommend Prerequisite(s): Principles of Education and Training

INSTRUCTIONAL PRACTICES

Instructional Practices is a field-based (practicum) internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel. This course can be selected in a student's 4-year plan for the 2020-21 school year or later.

CT PRACTICUM IN ED TRAINING

Course Key: **CTEDT3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13014500 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructional Practices
Recommended prerequisite: Principles of Education and Training

PRACTICUM IN EDUCATION AND TRAINING

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel. This course can be selected in a student's 4-year plan for the 2021-22 school year or later.

CT PRIN EDUCATION AND TRAINING

Course Key: **CTEDT1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13014200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

PRINCIPLES OF EDUCATION AND TRAINING

Principles of Education and Training is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self-knowledge as well as educational and career information to analyze various careers within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

VII. Electives: Career and Technical Education: Finance

CT ACCOUNTING 1

Course Key: **CTACC1** Length: YR Course Type: Articulated Course Weight: Core
Service ID: 13016600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

ACCOUNTING I

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT ACCOUNTING 2

Course Key: **CTACC2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13016700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Accounting I

ACCOUNTING II

Students continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in management decision making.

CT INSURANCE OPERATIONS

Course Key: **CTINS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13016500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Principles of Business, Marketing, and Finance

In Insurance Operations, students will understand the laws and regulations in order to manage business operations and transactions in the insurance industry.

CT MONEY MATTERS

Course Key: **CTMM** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13016200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisites: None

MONEY MATTERS

This course is currently only offered at Richarte High School. In Money Matters, students will investigate money management from a personal financial perceptive. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to establish short-term and long-term financial goals through various methods such as investing, tax planning, asset allocating, risk management, retirement planning, and estate planning.

VII. Electives: Career and Technical Education: Health Science

CT HEALTH SCIENCE THEORY

Course Key: **CTHST** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13020400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Biology

HEALTH SCIENCE THEORY

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

SEE ALSO: CTANP - CT Anatomy and Physiology and CTPATH - CT Pathophysiology listed under science section.

CT MEDICAL TERMINOLOGY

Course Key: **CTMT** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13020300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

MEDICAL TERMINOLOGY

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

CT PRACTICUM HEALTH SCI 1 CNA

Course Key: **CTPHS1CN** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13020500 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Health Science Theory, and Biology
Recommended Prerequisite(s): Principles of Health Science

PRACTICUM IN HEALTH SCIENCE - CERTIFIED NURSING ASSISTANT (CNA)

The practicum is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. A student may earn industry-recognized certification in this course. Fees are required for this course - see a Health Science teacher for details.

CT PRACTICUM HEALTH SCI 2 CPCT

Course Key: **CTPHS2PC** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13020510 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Health Science Theory, and Biology
Recommended Prerequisite(s): Principles of Health Science

PRACTICUM IN HEALTH SCIENCE - CERTIFIED PATIENT CARE TECHNICIAN (CPCT)

The practicum is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. A student may earn industry-recognized certification in this course. Fees are required for this course - see a Health Science teacher for details.

CT PRACTICUM HEALTH SCI 2 PT

Course Key: **CTPHS2PT** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13020510 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Health Science Theory, and Biology

Recommended Prerequisite: Principles of Health Science

PRACTICUM IN HEALTH SCIENCE - PHARMACY TECHNICIAN

The Practicum is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. A student may earn industry-recognized certification in this course. Fees are required for this course - see a Health Science teacher for details.

CT PRINCIPLES HEALTH SCIENCE

Course Key:	**CTPHS**	Length: YR	Course Type: Regular	Course Weight:	Core
Service ID:	13020200	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	No

Prerequisite(s): None

PRINCIPLES OF HEALTH SCIENCE

The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. This course satisfies the local health graduation requirement.

VII. Electives: Career and Technical Education: Hospitality & Tourism

CT ADV CULINARY ARTS

Course Key: **CTADCLA** Length: YR Course Type: Articulated Course Weight: Core
Service ID: 13022650 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Culinary Arts

ADVANCED CULINARY ARTS

Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT CULINARY ARTS

Course Key: **CTCA** Length: YR Course Type: Articulated Course Weight: Core
Service ID: 13022600 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Lifetime Nutrition and Wellness (with teacher approval) or Introduction to Culinary Arts

CULINARY ARTS

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. This course is offered as an internship course. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. A student may earn industry-recognized certification in this course.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT CULINARY ARTS PRACTICUM

Course Key: **CTCAP** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13022700 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Advanced Culinary Arts

PRACTICUM IN CULINARY ARTS

The course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace. Students are taught employability skills, which include job-specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Instruction may be delivered through school-based laboratory training or through work-based delivery arrangements such as cooperative education, mentoring and job shadowing. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

CT INTRO TO CULINARY ARTS

Course Key: **CTINCLA** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13022550 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

INTRODUCTION TO CULINARY ARTS

Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the

management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.

CT PRIN HOSPITALITY TOURISM

Course Key:	**CTHOS1**	Length: YR	Course Type: Regular	Course Weight:	Core
Service ID:	13022200	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	No

Prerequisite(s): None

PRINCIPLES OF HOSPITALITY AND TOURISM

Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success in that industry.

VII. Electives: Career and Technical Education: Human Services

CT CHILD DEVELOPMENT

Course Key: **CTCD** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13024700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Principles of Human Services

CHILD DEVELOPMENT

This course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

CT CHILD GUIDANCE

Course Key: **CTCG** Length: YR Course Type: Articulated Course Weight: Core
Service ID: 13024800 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Principles of Human Services and Child Development

CHILD GUIDANCE

This technical laboratory course addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children, including those with special needs.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT COSMETOLOGY 1

Course Key: **CTCOS1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13025200 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Introduction to Cosmetology

COSMETOLOGY I

In Cosmetology I, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes Texas Department of Licensing and Regulation (TDLR) requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

CT COSMETOLOGY 1/LAB 1

Course Key: **CTCOS1L** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13025210 Credits: 3.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Introduction to Cosmetology

COSMETOLOGY I/ COSMETOLOGY I LAB

In Cosmetology I, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes Texas Department of Licensing and Regulation (TDLR) requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

This course will is available for selection in 4 year plans for the 2020-2021 school year and beyond.

CT COSMETOLOGY 2

Course Key: **CTCOS2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13025300 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Cosmetology I

COSMETOLOGY II

In Cosmetology II, students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies, and materials; and practical skills.

CT COSMETOLOGY 2/LAB 2

Course Key: **CTCOS2L** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13025310 Credits: 3.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Cosmetology I/Cosmetology Lab I

COSMETOLOGY II/COSMETOLOGY LAB II

In Cosmetology II, students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies, and materials; and practical skills.

This course is available for selection in 4 year plans in the 2021-2022 school year and beyond.

CT COUNSELING MENTAL HEALTH

Course Key: **CTCMH** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13024600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Principles of Human Services

COUNSELING AND MENTAL HEALTH

In Counseling and Mental Health, students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations, and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

CT DOLLARS AND SENSE

Course Key: **CTDS** Length: SM Course Type: Regular Course Weight: Core
Service ID: 13024300 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

DOLLARS AND SENSE

Dollars and Sense focuses on consumer practices and responsibilities, the money management process, decision-making skills, impact of technology, and preparation for human services careers. Students are encouraged to participate in career and technical student organizations and other leadership organizations.

CT INTRO TO COSMETOLOGY

Course Key: **CTCOSM** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13025100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

INTRODUCTION TO COSMETOLOGY

In Introduction to Cosmetology, students explore careers in the cosmetology industry. To prepare for success, students must

have academic and technical knowledge and skills relative to the industry. Students may begin to earn hours toward state licensing requirements.

CT LIFETIME NUTRITION AND WELL

Course Key: **CTLNW** Length: SM Course Type: Regular Course Weight: Core
Service ID: 13024500 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): None

LIFETIME NUTRITION AND WELLNESS

This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

CT PRACTICUM HUMAN SERVICES

Course Key: **CTPHSC** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13025000 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

PRACTICUM IN HUMAN SERVICES

Practicum in Human Services provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community-services careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the Human Services cluster. Students are encouraged to participate in extended learning experiences as career and technical student organizations and other leadership or extracurricular organizations.

CT PRIN COSMETOLOGY DSGN COLOR

Course Key: **CTCOSP** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13025050 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

PRINCIPLES OF COSMETOLOGY, DESIGN AND COLOR THEORY

In Principles of Cosmetology Design and Color Theory, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Students will attain academic skills and knowledge as well as technical knowledge and skills related to cosmetology design and color theory. Students will develop knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

CT PRINCIPLES OF HUMAN SERVICE

Course Key: **CTPHSE** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13024200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

PRINCIPLES OF HUMAN SERVICES

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

VII. Electives: Career and Technical Education: Law, Public Safety, Corrections & Security

CT COURT SYSTEMS AND PRACTICES

Course Key: **CTCSP** Length: YR Course Type:Articulated Course Weight: Core
Service ID: 13029600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Law Enforcement I

COURT SYSTEMS AND PRACTICES

Court Systems and Practices is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation.

SEE ALSO: CTFS - CT Forensic Science listed under science section.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT LAW ENFORCEMENT 1

Course Key: **CTLE1** Length: YR Course Type:Articulated Course Weight: Core
Service ID: 13029300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Principles of Law, Public Safety, Corrections, and Security

LAW ENFORCEMENT I

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT LAW ENFORCEMENT 2

Course Key: **CTLE2** Length: YR Course Type:Articulated Course Weight: Core
Service ID: 13029400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Law Enforcement I

LAW ENFORCEMENT II

Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT PRACTICUM LAW PUB SAF CORR

Course Key: **CTPLPSC** Length: YR Course Type:Regular Course Weight: Core
Service ID: 13030100 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

CT PRINCIPLES LAW PUB SAFETY

Course Key:	**CTPLPS**	Length: YR	Course Type: Articulated	Course Weight:	Core
Service ID:	13029200	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	No

Prerequisite(s): None

PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

VII. Electives: Career and Technical Education: Science, Technology, Engineering & Math

COMPUTER SCIENCE 1

Course Key: **CSCI1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03580200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Algebra I

Computer Science I will foster students' creativity and innovation with opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate to solve problems presented throughout the course. Through data analysis, students will identify task requirements and use computer science concepts to synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science using tools such as visual programming environments, robots, and the Java programming language.

See also AP Computer Science A Math, listed under the Mathematics section.

NOTE REGARDING COMPUTER SCIENCE & LOTE GRADUATION REQUIREMENTS:

The State Board of Education (SBOE) has approved specific computer sciences to substitute for LOTE credits. Georgetown ISD offers the following approved LOTE substitution courses: Computer Science Principles AP, Computer Science I, and Computer Science A AP. Students must complete two courses in Computer Science to satisfy the graduation requirement.

Please note that outside of Texas public universities, not all colleges and universities accept computer science for admission purposes as satisfying the LOTE requirement. Additionally, once admitted colleges and universities may have traditional LOTE graduation requirements. Students are encouraged to reach out to their prospective college(s) before enrollment in these courses for information about college admissions and graduation requirements.

Computer Science 1 and Computer Science Principles AP do not count toward a student's GISD weighted GPA when used to satisfy the LOTE graduation requirement. For more information regarding the calculation of rank and GPA, see the Georgetown ISD student handbook and Board Policy EIC (Local).

COMPUTER SCIENCE PRINCIPLES AP

Course Key: **CSCIPA** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3580300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

AP Computer Science Principles course is designed to be equivalent to a first- semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world.

College Board Course Description:
https://apcentral.collegeboard.org/pdf/ap-computer-science-principles-course-overview.pdf

See also AP Computer Science A Math listed under Mathematics courses. The AP Computer Science Principles course is complementary to AP Computer Science A. Students can take these courses in any order or at the same time, as schedules permit.

NOTE REGARDING COMPUTER SCIENCE & LOTE GRADUATION REQUIREMENTS:

The State Board of Education (SBOE) has approved specific computer sciences to substitute for LOTE credits. Georgetown ISD offers the following approved LOTE substitution courses: Computer Science Principles AP, Computer Science I, and Computer Science A AP. Students must complete two courses in Computer Science to satisfy the graduation requirement.

Please note that outside of Texas public universities, not all colleges and universities accept computer science for admission purposes as satisfying the LOTE requirement. Additionally, once admitted colleges and universities may have traditional LOTE graduation requirements. Students are encouraged to reach out to their prospective college(s) before enrollment in these

courses for information about college admissions and graduation requirements.

Computer Science 1 and Computer Science Principles AP do not count toward a student's GISD weighted GPA when used to satisfy the LOTE graduation requirement. For more information regarding the calculation of rank and GPA, see the Georgetown ISD student handbook and Board Policy EIC (Local).

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

CT AEROSPACE ENGINEERING PLTW

Course Key: **CTAEN** Length: YR Course Type:Regular Course Weight: Core
Service ID: N1303745 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Introduction to Engineering Design; Algebra II or concurrent enrollment in Algebra II. Principles of Engineering recommended.

Required Corequisite: CT Intro to Aircraft Technology

AEROSPACE ENGINEERING - PROJECT LEAD THE WAY

This Project Lead the Way course propels students learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles. Students will participate in the building of a Van's RV-12 airplane. This is a double block class, that will involve travel to the Georgetown Airport on some class days. Possible college credit available based PLTW EOC exam score.

CT CIVIL ENG ARCHITECTURE PLTW

Course Key: **CTCEA** Length: YR Course Type:Regular Course Weight: Core
Service ID: N1303747 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Completion/concurrent enrollment in appropriate college preparatory mathematics and science courses

CIVIL ENGINEERING & ARCHITECTURE - PROJECT LEAD THE WAY

Students learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students use 3-d design software to design and document solutions for major course projects. Students communicate and present solutions to their peers and members of a professional community of engineers and architects. This course is designed for 11th or 12th grade students. Possible college credit available based PLTW EOC exam score.

CT COMP INT MANUFACTURING PLTW

Course Key: **CTCIM** Length: YR Course Type:Regular Course Weight: Core
Service ID: N1303748 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Introduction to Engineering Design and Principles of Engineering

COMPUTER INTEGRATED MANUFACTURING - PROJECT LEAD THE WAY

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system. Possible college credit available based PLTW EOC exam score.

CT DIGITAL ELECTRONICS

Course Key: **CTDE** Length: YR Course Type:Regular Course Weight: Core
Service ID: 13037600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Algebra I and Geometry

DIGITAL ELECTRONICS - PROJECT LEAD THE WAY

Digital electronics is the foundation of all modern electronic devices such as mobile phones, MP3 players, laptop computers,

digital cameras and high-definition televisions. Students are introduced to the process of combinational and sequential logic design, engineering standards and technical documentation. Possible college credit available based PLTW EOC exam score.

CT ENGINEERING DESIGN DEV PLTW

Course Key: **CTEDD** Length: YR Course Type: Regular Course Weight: Core
Service ID: N1303749 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Completion/concurrent enrollment in appropriate college preparatory mathematics and science courses

ENGINEERING DESIGN AND DEVELOPMENT - PROJECT LEAD THE WAY

In this capstone course, students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. Students perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams design, build, and test their solutions while working closely with industry professionals who provide mentoring opportunities. Finally, student teams present and defend their original solution to an outside panel. This course is appropriate for 12th grade students.

CT INTRO AIRCRAFT TECHNOLOGY

Course Key: **CTAEAT** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13039350 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Required Corequisite(s): CT Aerospace Engineering

Introduction to Aircraft Technology is designed to teach the theory of operation of aircraft airframes, powerplants, and associated maintenance and repair practices. Maintenance and repair practices include knowledge of the function, diagnosis, and service of general curriculum subjects, airframe structures, airframe systems and components, powerplant theory and maintenance, and powerplant systems and components of aircraft. Industry recognized professional licensures, certifications, and registrations are available for students who meet the requirements set forth by the accrediting organization. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

CT INTRO TO ENG DESIGN PLTW

Course Key: **CTIED** Length: YR Course Type: Regular Course Weight: Core
Service ID: N1303742 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Algebra I

INTRODUCTION TO ENGINEERING DESIGN - PROJECT LEAD THE WAY

The major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3-D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. Possible college credit available based PLTW EOC exam score.

SEE ALSO CTPE - CT Engineering Science listed under science section.

CT PRACTICUM STEM

Course Key: **CTPSTE** Length: YR Course Type: Regular Course Weight: Core
Service ID: 13037400 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Algebra I and Geometry
Recommended Prerequisite(s): two Science, Technology, Engineering, and Mathematics (STEM) Career Cluster credits

PRACTICUM IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS

Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

CT SYSTEMS GO 3/ENG DSGN PRES3

Course Key: **CTSYS3** Length: YR Course Type: Honors Course Weight: Advanced
Service ID: 13036600 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

SYSTEMS GO 3/ENGINEERING DESIGN AND PRESENTATION II

Recommended Prerequisite(s): Principles of Applied Engineering or Engineering Design and Presentation I

This course utilizes the SystemsGo rocketry program curriculum. Students in this course will study scientific methods of investigation.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

GAME PROGRAMMING/DESIGN

Course Key: **GAME** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03580380 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Computer Science I

Game Programming and Design teaches students the skills needed to create a computer game. Students continue to develop the skills they acquired in Computer Science I to plan, design, program, and evaluate computer games. Students will collaborate with one another, their instructor, and various electronic communities to solve gaming problems. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will present their games to an evaluation panel.

TECHAPPS INDEPENDENT STUDY 1

Course Key: **TAIS1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03580900 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Minimum of 2 high school information technology courses

Students gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of information technology concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, information technology experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid internship, or as career preparation

VII. Electives: Career and Technical Education: Transportation, Distribution & Logistics

CT AUTOMOTIVE BASICS

Course Key: **CTAUTOB** Length: YR Course Type: Articulated Course Weight: Core
Service ID: 13039550 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

AUTOMOTIVE BASICS

Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT AUTOMOTIVE TECHNOLOGY 1

Course Key: **CTAT1** Length: YR Course Type: Articulated Course Weight: Core
Service ID: 13039600 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Automotive Basics

AUTOMOTIVE TECHNOLOGY I: MAINTENANCE AND LIGHT REPAIR

Automotive Technology I : Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology I : Maintenance and Light Repair, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT AUTOMOTIVE TECHNOLOGY 2

Course Key: **CTAT2** Length: YR Course Type: Articulated Course Weight: Core
Service ID: 13039700 Credits: 2.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Automotive Technology I

AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE

Automotive Technology II: Automotive Service includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II: Automotive Service includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Articulated Course: This course can offer potential college credit through the Austin Community College articulation agreement.

CT INTRODUCTION TO UAV

Course Key:	**CTUAV**	Length: YR	Course Type: Innovative	Course Weight:	Core
Service ID:	N1304670	Credits: 1.00	Credit Type: State	Counted in Rank GPA:	No

Prerequisite(s): None

INTRODUCTION TO UNMANNED AERIAL VEHICLES (UAV)

The Introduction to Unmanned Aerial Vehicle (UAV) Flight course is designed to prepare students for entry-level employment or continuing education in piloting UAV operations. Principles of UAV is designed to instruct students in UAV flight navigation, industry laws and regulations, and safety regulations. Students are also exposed to mission planning procedures, environmental factors, and human factors involved in the UAV industry.

CT PRACTICUM TRANS SYSTEMS

Course Key:	**CTPTS**	Length: YR	Course Type: Regular	Course Weight:	Core
Service ID:	13040450	Credits: 2.00	Credit Type: State	Counted in Rank GPA:	No

Prerequisite(s): Teacher approval

PRACTICUM IN TRANSPORTATION SYSTEMS

Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or worked based.

VII. Electives: Fine Arts

AP 2D ART AND DESIGN

Course Key: **ARTS2A** Length: YR Course Type:Adv. Placement Course Weight: Advanced
Service ID: A3500400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): 1 Art, Level 2 course and teacher recommendation

This class is designed for the advanced visual art student to compile a quality portfolio of original 2-D artworks. Students will meet the requirements of the College Board Advanced Placement Program in an independent study environment, including summer project development prior to the fall semester. Students will work collaboratively with faculty to select appropriate media and will demonstrate mastery of various 2-D design techniques including, but not limited to: graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking. Students are expected to provide basic supplies for this course and pay all fees associated with obtaining design materials. Student is responsible for photographing the submitted artworks. There will likely be extensive supply costs for this course. NOTE: This course was previously titled Art Studio 2D AP.

For more information, see https://apcentral.collegeboard.org/pdf/ap-art-and-design-course-and-exam-description.pdf?course=ap-2-d-art-and-design

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

AP 3D ART AND DESIGN

Course Key: **ART3A** Length: YR Course Type:Adv. Placement Course Weight: Advanced
Service ID: A3500500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): 1 Art, Level 2 course and teacher recommendation

This class is designed for the advanced visual art student to compile a quality portfolio of original 3-D sculptures and/or ceramic artworks. Students will meet the requirements of the College Board Advanced Placement Program in an independent study environment, including summer project development prior to the fall semester.. Students will work collaboratively with faculty to select appropriate media and will demonstrate mastery of various 3-D design techniques. Students are expected to provide basic supplies for this course and pay all fees associated with obtaining design materials. Student is responsible for photographing the submitted artworks. There will likely be extensive supply costs for this course. NOTE: This course was previously named ARTS3A, Art Studio 3D AP.

For more information, see https://apcentral.collegeboard.org/pdf/ap-art-and-design-course-and-exam-description-0.pdf?course=ap-3-d-art-and-design

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

AP DRAWING

Course Key: **ARTDA** Length: YR Course Type:Adv. Placement Course Weight: Advanced
Service ID: A3500300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): 1 Art, Level 2 course and teacher recommendation

This class is designed for the advanced visual art student to compile a quality portfolio of original artworks. Students will meet the requirements of the College Board Advanced Placement Program in an independent study environment, including summer project development prior to the fall semester. Students will work collaboratively with faculty to select appropriate media and will demonstrate mastery of various drawing techniques. Students are expected to provide basic supplies for this course and pay all fees associated with obtaining design materials. Students are responsible for photographing the submitted artworks. There will likely be extensive supply costs for this course. Note: This course was previously titled AP Studio Art: Drawing.

For more information, see https://apcentral.collegeboard.org/pdf/ap-art-and-design-course-and-exam-description-1.pdf?course=ap-drawing

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

AP MUSIC THEORY

Course Key: **MUSTHA** Length: YR Course Type:Adv. Placement Course Weight: Advanced
Service ID: A3150200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended Prerequisite(s): Music Theory or teacher approval

AP Music Theory should be considered a college level music theory course. This course includes advanced study in the musical areas of counterpoint, harmony, chords, scales, musical forms and part-writing. Advanced harmony and part-writing will be covered as well as advanced ear training. Students are expected to take the AP Music Theory Exam near the end of this course. Thus, the primary focus for the course is preparing for the exam.

For additional information, please visit
https://apcentral.collegeboard.org/pdf/ap-music-theory-course-and-exam-description.pdf?course=ap-music-theory

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

ART 1

Course Key: **ART1** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03500100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

Art I is a beginning art class covering perception, creative expression, art history, and aesthetic judgment. Student-created artwork will demonstrate, compare, and contrast the Elements of Art. Students will demonstrate proper use of various art media, compare and contrast different art styles and trends throughout history and apply aesthetic judgment in evaluating artwork. Students may need to provide some supplies.

ART 2 CERAMICS

Course Key: **ART2C** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03500900 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art I

Ceramics II is a second year studio class designed to enhance the Art I components of form and texture. Students will be encouraged to discover their own three-dimensional artistic voice in this exciting art form. Students will use a wide range of hand-building and wheel throwing techniques with earthen clay while gaining insight into the history of various world cultures through the study of this ancient art form. Functional, sculptural and decorative artwork will be produced. Students will be expected to keep and use a sketchbook for documenting, problem solving and critiquing art works and techniques. There may be an art lab fee of up to $30 for this course.

ART 2 DIGITAL ART & MEDIA

Course Key: **ART2DM** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03501220 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art I

This lab course is the introduction of technology using an artistic focus. Students will learn to use Adobe Creative Cloud programs and 3D modeling/animation programs such as Blender with traditional design techniques. Students will view the computer as an important tool for the artist and use computer programs to facilitate the design process of exploring, developing ideas, and producing finished work. Students will have the opportunity to transfer original artwork through various electronic and digital scanning methods. Students will learn the basics of hardware and a variety of art software programs. The student will build a visual electronic portfolio throughout the course. Careers in the field of electronic media are introduced to the students. Students will have access to a digital camera at school.

ART 2 DRAWING

Course Key: **ART2D** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03500500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art I

Drawing II is a second year art class focusing on creative expression while exploring different drawing media and techniques. Continued use of the Elements of Art and the Principles of design will make students more aware of individual strengths and

interests. Students will be introduced to art criticism and analysis. Students may need to provide some supplies. Additionally, there may be an art lab fee of up to $30 for this course.

ART 2 PAINTING

Course Key: **ART2P** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03500600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art I

Painting II is a second year art class focusing on creative expression while exploring different painting media and techniques, illustrating color theory, and color schemes. Also included are more advanced work with perception, creative expression, art history, and aesthetic judgment of various painted artworks. Art criticism and analysis will also take place through the study of leading painters and their artworks. Students may need to provide some supplies. Additionally, there may be an art lab fee of up to $30 for this course.

ART 2 PHOTOGRAPHY

Course Key: **ART2PH** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03501200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art I

This is a second year course for students who wish to demonstrate the Elements of Art and Principles of Design through the lens of a camera. Students will study the work of photographers and videographers in the world of art dating back to the beginning of the processes. Students will analyze work and apply newly developed concepts to works that are individually produced. This course is designed to give students the photographic fundamentals needed to begin an area of concentration in the visual arts. Students may be expected to provide some supplies or equipment. There may be an art lab fee of up to $30 for this course.

ART 2 SCULPTURE

Course Key: **ART2S** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03501000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art I

This class is designed for the second year visual art student who wants to focus in the 3D aspects of Visual Arts. Students will study various 3D artworks from past to present, plus sketch, design, and build their own sculptures. Students will use conventional and unconventional materials, methods, and tools to create artworks. Students are expected to help provide some supplies, tools, and an art lab fee of up to $30.

ART 3 CERAMICS

Course Key: **ART3C** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03501800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art II Ceramics

Ceramics III is a more advanced continuation of Ceramics II and is designed for the serious art student. The course continues the upward spiral of the visual art curriculum. Students will experience various earthen clay, glazes, stains and mixed media techniques while using a higher level of problem solving skills. Students will become more involved in the production of glazes, operating the kiln and producing more thought provoking art works. The course will assist students with the beginning construction of a portfolio for AP Art courses or university-level studies. Students will be expected to keep and use a sketchbook for documenting, problem solving and critiquing art works and techniques. There may be an art lab fee of up to $30 for this course.

ART 3 DIGITAL ART AND MEDIA 2

Course Key: **ART3DM** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03502220 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art II

This lab course is the introduction of technology using an artistic focus. Students will learn to use Adobe Creative Cloud programs and 3D modeling/animation programs such as Blender with traditional design techniques. Students will view the computer as an important tool for the artist and use computer programs to facilitate the design process of exploring, developing ideas, and producing finished work. Students will have the opportunity to transfer original artwork through various

electronic and digital scanning methods. Students will learn the basics of hardware and a variety of art software programs. The student will build a visual electronic portfolio throughout the course. Careers in the field of electronic media are introduced to the students. Students will have access to a digital camera at school.

ART 3 DRAWING

Course Key: **ART3D** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03501300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art II Drawing

Drawing III is a more advanced continuation of Drawing II and is designed for the serious art student. The course continues the upward spiral of the visual art curriculum. Students will problem-solve while experiencing new drawing media techniques. The course will assist students with the beginning construction of a portfolio for AP Art courses or university-level studies. Students may need to provide some supplies. Additionally, there may be an art lab fee of up to $30 for this course.

ART 3 PAINTING

Course Key: **ART3P** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03501400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art II Painting

Painting III is a more advanced continuation of Painting II and is designed for the serious art student wishing to pursue a career in the visual arts through design while preparing a strong portfolio. The course continues the upward spiral of the visual art curriculum. Art criticism and analysis will also take place through the study of leading painters and their artworks. The course will assist students with the beginning construction of a portfolio for AP Art courses or university-level studies. Students will be expected to keep and use a sketchbook and may need to provide additional supplies. There may be an art lab fee of up to $30 for this course.

ART 3 PHOTOGRAPHY

Course Key: **ART3PH** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03502200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art II Photography

Art III Photography is a more advanced, continuation of Art II Photography and is designed for the serious art student wishing to pursue a career in the visual arts through design while preparing a strong portfolio. Students will explore photography and video from an alternative viewpoint. Students will work with sculpture and installation projects incorporating photography and video that is student produced. Students will explore many conceptual ideas while solving visual problems through the use of various mediums. Students will learn to work as a group building large scale works along with smaller independent projects creating a cohesive group installation. The course will assist students with the beginning construction of a portfolio for AP Art courses or university-level studies Students may be expected to provide some supplies or equipment. There may be an art lab fee of up to $30 for this course.

ART 3 SCULPTURE

Course Key: **ART3S** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03501900 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art II Sculpture

Art III Sculpture is a more highly advanced, continuation of Art II Sculpture and is designed for the serious art student wishing to pursue a career in the visual arts through design while preparing a strong portfolio. This class is designed for the visual art student who wants to continue to focus in the 3-D aspects of the Visual Arts. Students will study various 3-D artworks from past to present, plus sketch, design, and build their own sculptures. Students will use conventional and unconventional materials, methods, and tools to create artworks. The course will assist students with the beginning construction of a portfolio for AP Art courses or university-level studies. Students are expected to have prior knowledge of various 3-D techniques. Students are expected to help provide some supplies, tools, and an art fee of up to $30.

ART 4 CERAMICS

Course Key: **ART4C** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03502700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art III Ceramics

Ceramics IV is a more highly advanced, continuation of Ceramics III and is designed for the serious art student. The course continues the upward spiral of the visual art curriculum. Students will experience various earthen clay, glazes, stains and mixed media techniques while using a higher level of problem solving skills. Students will become more involved in the production of glazes, operating the kiln and producing more thought provoking art works. Students will be expected to keep and use a sketchbook for documenting, problem solving and critiquing art works and techniques. The course will assist students with the continued construction of a portfolio for AP Art courses or university-level studies. There may be an art lab fee of up to $30 for this course.

ART 4 DRAWING

Course Key: **ART4D** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03502300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art III Drawing

Drawing IV is a more highly advanced, continuation of Drawing III and is designed for the serious art student. The course continues the upward spiral of the visual art curriculum. Students will problem-solve while experiencing new drawing media techniques. The course will assist students with the continued construction of a portfolio for AP Art courses or university-level studies Students may need to provide some supplies. There may be an art lab fee of up to $30 for this course.

ART 4 PAINTING

Course Key: **ART4P** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03502400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art III Painting

Painting IV is a more highly advanced, continuation of Painting III and is designed for the serious art student wishing to pursue a career in the visual arts through design while preparing a strong portfolio. The course continues the upward spiral of the visual art curriculum. Art criticism and analysis will also take place through the study of leading painters and their artworks. Students will be expected to keep and use a sketchbook and may be expected to provide additional supplies. The course will assist students with the continued construction of a portfolio for AP Art courses or university-level studies. There may be an art lab fee of up to $30 for this course.

ART 4 PHOTOGRAPHY

Course Key: **ART4PH** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03503100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art III Photography

Art IV Photography is a more highly advanced, continuation of Art III Photography and is designed for the serious art student wishing to pursue a career in the visual arts through design while preparing a strong portfolio. Students will continue to explore photography and video from even more alternative viewpoints. Students focus on building a strong portfolio for AP Art courses and college applications. Students' work will involve more conceptual ideas and continued use of alternative processes with an emphasis on independent study. Students may be expected to provide some equipment. The course will assist students with the continued construction of a portfolio for AP Art courses or university-level studies. There may be an art lab fee of up to $30 for this course.

ART 4 SCULPTURE

Course Key: **ART4S** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03502800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Art III Sculpture

Art IV Sculpture is a more highly advanced, continuation of Art III Sculpture and is designed for the serious art student wishing to pursue a career in the visual arts through design while preparing a strong portfolio. This class is designed for the visual art student who wants to continue to focus in the 3-D aspects of the Visual Arts. Students will study various 3-D artworks from past to present, plus sketch, design, and build their own sculptures. Students will use conventional and unconventional materials, methods, and tools to create artworks. The course will assist students with the continued construction of a portfolio for AP Art courses or university-level studies. Students are expected to have prior knowledge of various 3-D techniques. Students are expected to help provide some supplies, tools, and an art fee of up to $30.

ART HISTORY AP

Course Key: **ARTHA** Length: YR Course Type: Adv. Placement Course Weight: Advanced
Service ID: A3500100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

The AP Art History course is equivalent to a two-semester college survey course exploring the nature of art, art making, and responses to art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, students develop in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content. They experience, research, discuss, read, and write about art, artists, art making, responses to, and interpretations of art.

For more information, see https://apcentral.collegeboard.org/pdf/ap-art-history-course-and-exam-description.pdf?course=ap-art-history

Advanced Placement Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

BAND 1

Course Key: **BAND1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03150100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Enrollment in a band class the previous year or instructor approval
Corequisite(s): PE Substitution Marching Band

This full year course continues the development of performance techniques, music reading skills, listening skills, music theory knowledge and music history exposure developed in previous band classes. Students enrolled in Band 1 will develop self-discipline, problem-solving skills, leadership skills, time-management skills and continually work with peers as part of a musical performance team. Students will be placed into a particular band class or section based upon ability demonstrated by audition. All students enrolled in Band 1 - regardless of the particular band class - are required to participate in marching band during the first semester. Students will be expected to provide supplies and there are certain fees connected to the course.

Beginning in the 2020-2021 school year, students enrolled in Band 1 will be co-enrolled in PESUBMB (PE Substitution Marching Band) and will receive 1 credit of PE in addition to the fine arts credit.

BAND 1 INSTRUMENTAL ENSEMBLE

Course Key: **BANDI1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03151700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor approval and concurrent enrollment in Band 1, 2, 3, or 4

Students develop greater technique in producing characteristic tone while enhancing skills in music reading, performance and ensemble methods. NOTE: There is no PE waiver for Instrumental Ensemble.

BAND 1 JAZZ NON VARSITY

Course Key: **BANDJ1NV** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03151300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor Approval, concurrent enrollment in Band 1 - 4 or Orchestra 1 - 4, and audition

Jazz Ensemble is a course for advanced, experienced musicians showing an interest and understanding of the jazz idiom. Students will study and perform a wide variety of jazz styles. Students not concurrently enrolled in band or orchestra may audition for membership under special circumstances with permission of the instructor. Students may be placed into differing sections of Jazz Ensemble based upon skill level exhibited in audition. Students will be expected to provide supplies and there are certain fees connected to the course.

BAND 1 JAZZ VARSITY

Course Key: **BANDJ1V** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03151300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor Approval, concurrent enrollment in Band 1 - 4 or Orchestra 1 - 4, and audition

Jazz Ensemble is a course for advanced, experienced musicians showing an interest and understanding of the jazz idiom.

Students will study and perform a wide variety of jazz styles. Students not concurrently enrolled in band or orchestra may audition for membership under special circumstances with permission of the instructor. Students may be placed into differing sections of Jazz Ensemble based upon skill level exhibited in audition. Students will be expected to provide supplies and there are certain fees connected to the course.

BAND 2

Course Key: **BAND2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03150200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Band 1

This full year course continues the development of performance techniques, music reading skills, listening skills, music theory knowledge and music history exposure developed in previous band classes. Students enrolled in Band 2 will develop self-discipline, problem-solving skills, leadership skills, time-management skills and continually work with peers as part of a musical performance team. Students will be placed into a particular band class or section based upon ability demonstrated by audition. All students enrolled in Band 2 - regardless of the particular band class - are required to participate in marching band during the first semester. Students will be expected to provide supplies and there are certain fees connected to the course.

Students who are enrolled in Marching Band 2-4 who need to fulfill their PE graduation requirement may also request a PE substitution credit (PESUBMB) in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

BAND 2 INSTRUMENTAL ENSEMBLE

Course Key: **BANDI2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03151800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor approval and concurrent enrollment in Band 2, 3, or 4

Students develop greater technique in producing characteristic tone while enhancing skills in music reading, performance and ensemble methods. NOTE: There is no PE waiver for Instrumental Ensemble.

BAND 2 JAZZ NON VARSITY

Course Key: **BANDJ2NV** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03151400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Band 1 Jazz, Instructor Approval, concurrent enrollment in Band 2 - 4 or Orchestra 2 - 4, and audition

Jazz Ensemble is a course for advanced, experienced musicians showing an interest and understanding of the jazz idiom. Students will study and perform a wide variety of jazz styles. Students not concurrently enrolled in band or orchestra may audition for membership under special circumstances with permission of the instructor. Students may be placed into differing sections of Jazz Ensemble based upon skill level exhibited in audition. Students will be expected to provide supplies and there are certain fees connected to the course.

BAND 2 JAZZ VARSITY

Course Key: **BANDJ2V** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03151400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Band 1 Jazz, Instructor Approval, concurrent enrollment in Band 2 - 4 or Orchestra 2 - 4, and audition

Jazz Ensemble is a course for advanced, experienced musicians showing an interest and understanding of the jazz idiom. Students will study and perform a wide variety of jazz styles. Students not concurrently enrolled in band or orchestra may audition for membership under special circumstances with permission of the instructor. Students may be placed into differing sections of Jazz Ensemble based upon skill level exhibited in audition. Students will be expected to provide supplies and there are certain fees connected to the course.

BAND 3

Course Key: **BAND3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03150300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Band 2

This full year course continues the development of performance techniques, music reading skills, listening skills, music theory knowledge and music history exposure previously developed in previous band classes. The course continues the upward

spiral of the band curriculum. Students enrolled in Band 3 will develop self-discipline, problem-solving skills, leadership skills, time-management skills and continually work with peers as part of a musical performance team. Students will be placed into a particular band class or section based upon ability demonstrated by audition. All students enrolled in Band 3 - regardless of the particular band class - are required to participate in marching band during the first semester. Students will be expected to provide supplies and there are certain fees connected to the course.

Students who are enrolled in Marching Band 2-4 who need to fulfill their PE graduation requirement may also request a PE substitution credit (PESUBMB) in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

BAND 3 INSTRUMENTAL ENSEMBLE

Course Key: **BANDI3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03151900 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor approval and concurrent enrollment in Band 3 or 4

Students develop greater technique in producing characteristic tone while enhancing skills in music reading, performance and ensemble methods. NOTE: There is no PE waiver for Instrumental Ensemble.

BAND 3 JAZZ NON VARSITY

Course Key: **BANDJ3NV** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03151500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Band 2 Jazz, Instructor Approval, concurrent enrollment in Band 3 - 4 or Orchestra 3 - 4, and audition

Jazz Ensemble is a course for advanced, experienced musicians showing an interest and understanding of the jazz idiom. Students will study and perform a wide variety of jazz styles. Students not concurrently enrolled in band or orchestra may audition for membership under special circumstances with permission of the instructor. Students may be placed into differing sections of Jazz Ensemble based upon skill level exhibited in audition. Students will be expected to provide supplies and there are certain fees connected to the course.

BAND 3 JAZZ VARSITY

Course Key: **BANDJ3V** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03151500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Band 2 Jazz, Instructor Approval, concurrent enrollment in Band 3 - 4 or Orchestra 3 - 4, and audition

Jazz Ensemble is a course for advanced, experienced musicians showing an interest and understanding of the jazz idiom. Students will study and perform a wide variety of jazz styles. Students not concurrently enrolled in band or orchestra may audition for membership under special circumstances with permission of the instructor. Students may be placed into differing sections of Jazz Ensemble based upon skill level exhibited in audition. Students will be expected to provide supplies and there are certain fees connected to the course.

BAND 4

Course Key: **BAND4** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03150400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Band 3

This full year course continues the development of performance techniques, music reading skills, listening skills, music theory knowledge and music history exposure previously developed in previous band classes. The course continues the upward spiral of the band curriculum. Students enrolled in Band 4 will develop self-discipline, problem-solving skills, leadership skills, time-management skills and continually work with peers as part of a musical performance team. Students will be placed into a particular band class or section based upon ability demonstrated by audition. All students enrolled in Band 4 - regardless of the particular band class - are required to participate in marching band during the first semester. Students will be expected to provide supplies and there are certain fees connected to the course.

Students who are enrolled in Marching Band 2-4 who need to fulfill their PE graduation requirement may also request a PE substitution credit (PESUBMB) in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

BAND 4 INSTRUMENTAL ENSEMBLE

Course Key: **BANDI4** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03152000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor approval and concurrent enrollment in Band 4

Students develop greater technique in producing characteristic tone while enhancing skills in music reading, performance and ensemble methods. NOTE: There is no PE waiver for Instrumental Ensemble.

BAND 4 JAZZ NON VARSITY

Course Key: **BANDJ4NV** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03151600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Band 3 Jazz, Instructor Approval, concurrent enrollment in Band 4 or Orchestra 4, and audition

Jazz Ensemble is a course for advanced, experienced musicians showing an interest and understanding of the jazz idiom. Students will study and perform a wide variety of jazz styles. Students not concurrently enrolled in band or orchestra may audition for membership under special circumstances with permission of the instructor. Students may be placed into differing sections of Jazz Ensemble based upon skill level exhibited in audition. Students will be expected to provide supplies and there are certain fees connected to the course.

BAND 4 JAZZ VARSITY

Course Key: **BANDJ4V** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03151600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Band 3 Jazz, Instructor Approval, concurrent enrollment in Band 4 or Orchestra 4, and audition

Jazz Ensemble is a course for advanced, experienced musicians showing an interest and understanding of the jazz idiom. Students will study and perform a wide variety of jazz styles. Students not concurrently enrolled in band or orchestra may audition for membership under special circumstances with permission of the instructor. Students may be placed into differing sections of Jazz Ensemble based upon skill level exhibited in audition. Students will be expected to provide supplies and there are certain fees connected to the course.

CHOIR 1

Course Key: **CHOIR1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03150900 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

This full-year course continues the development of singing - performance technique, music reading skills, listening skills, music theory knowledge and music history exposure previously developed in middle school choir. Students enrolled in Choir 1 will develop greater self-discipline, problem-solving skills, leadership skills, time-management skills and continually work with peers as part of a musical performance team. Students will be placed into a particular choir class or section based upon ability demonstrated by audition. All students enrolled in Choir 1 - regardless of the particular choir class - are required to participate in curricular events and will be asked to participate in some outside-of-the-school-day extra-curricular events. Students will be expected to provide supplies and there are certain fees connected to the course.

CHOIR 1 VOCAL ENSEMBLE

Course Key: **CHOIRVE1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03152100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor approval and concurrent enrollment in Choir 1, 2, 3, or 4

Students develop greater technique in producing characteristic vocal tone while enhancing skills in music reading, performance and ensemble methods. This course will cover the State adopted vocal ensemble curriculum which includes the study of various choral and solo literature.

CHOIR 2

Course Key: **CHOIR2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03151000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Choir 1

This full-year course continues the development of singing - performance technique, music reading skills, listening skills, music theory knowledge and music history exposure previously developed in Choir 1. Students enrolled in Choir 2 will develop greater self- discipline, problem-solving skills, leadership skills, time-management skills and continually work with peers as part of a musical performance team. Students will be placed into a particular choir class or section based upon ability demonstrated by audition. All students enrolled in Choir 2 - regardless of the particular choir class - are required to participate in curricular events and will be asked to participate in some outside-of-the-school-day extra-curricular events. Students will be expected to provide supplies and there are certain fees connected to the course.

CHOIR 2 VOCAL ENSEMBLE

Course Key: **CHOIRVE2** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03152200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor approval and concurrent enrollment in Choir 2, 3, or 4

Students develop greater technique in producing characteristic vocal tone while enhancing skills in music reading, performance and ensemble methods. This course will cover the State adopted vocal ensemble curriculum which includes the study of various choral and solo literature.

CHOIR 3

Course Key: **CHOIR3** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03151100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Choir 2

This full-year course continues the development of singing - performance technique, music reading skills, listening skills, music theory knowledge and music history exposure previously developed in Choir 2. Students enrolled in Choir 3 will develop greater self- discipline, problem-solving skills, leadership skills, time-management skills and continually work with peers as part of a musical performance team. Students will be placed into a particular choir class or section based upon ability demonstrated by audition. All students enrolled in Choir 3 - regardless of the particular choir class - are required to participate in curricular events and will be asked to participate in some outside-of-the-school-day extra-curricular events. Students will be expected to provide supplies and these are certain fees connected to the course.

CHOIR 3 VOCAL ENSEMBLE

Course Key: **CHOIRVE3** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03152300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor approval and concurrent enrollment in Choir 3 or 4

Students develop greater technique in producing characteristic vocal tone while enhancing skills in music reading, performance and ensemble methods. This course will cover the State adopted vocal ensemble curriculum which includes the study of various choral and solo literature.

CHOIR 4

Course Key: **CHOIR4** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03151200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Choir 3

This full-year course continues the development of singing - performance technique, music reading skills, listening skills, music theory knowledge and music history exposure previously developed in Choir 3. Students enrolled in Choir 4 will develop greater self- discipline, problem-solving skills, leadership skills, time-management skills and continually work with peers as part of a musical performance team. Students will be placed into a particular choir class or section based upon ability demonstrated by audition. All students enrolled in Choir 4 - regardless of the particular choir class - are required to participate in curricular events and will be asked to participate in some outside-of-the-school-day extra-curricular events. Students will be expected to provide supplies and there are certain fees connected to the course.

CHOIR 4 VOCAL ENSEMBLE

Course Key: **CHOIRVE4** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03152400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor approval and concurrent enrollment in Choir 4

Students develop greater technique in producing characteristic vocal tone while enhancing skills in music reading, performance and ensemble methods. This course will cover the State adopted vocal ensemble curriculum which includes the study of various choral and solo literature.

DANCE 1

Course Key: **DAN1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03830100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None
Corequisite(s): PE Substitution Dance

Dance I is a course designed to introduce the student to the fundamentals of dance. This class will include basic dance technique and history in genres such as ballet, modern, jazz, social, folk and choreography. Fall and/or spring after school rehearsals and recital participation is required. Course expectations include specific skills acquired in "Foundations of Personal Fitness". Students are required to provide some supplies and pay a materials fee of up to $30.

Beginning in the 2020-2021 school year, students enrolled in Dance 1 Color Guard will be co-enrolled in PESUBD (PE Substitution Dance) and will also receive 1 credit of PE.

DANCE 1 CHOREOGRAPHY

Course Key: **DANCH1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03832500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Teacher Approval

Choreography 1 is an advanced dance class focusing on the choreography for one of the extra-curricular dance organizations - Dance Team or Color Guard. This class is highly focused on independent study with individualized training in specific areas of specialization. This year-long course may include additional performances outside of the dance organization.

DANCE 1 COLORGUARD

Course Key: **DANC1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03833300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Audition Only
Corequisite(s): PE Substitution Color Guard 1

Color guard is a year-round class in which students learn dance and body principles and apply them to the art of color guard and it's components of flag, rifle, saber, and various props. The year includes performances and participation at summer camps, football games and contests with the Marching Band, public and community performances, recitals, as well as Winterguard competitions in the Spring semester. Before and after school practice is required as well as one class period for each semester. There are required fees for this course.

Beginning in the 2020-2021 school year, students enrolled in Dance 1 Color Guard will be co-enrolled in PESUBCG1 (PE Substitution Color Guard 1) and will also receive 1 credit of PE.

DANCE 1 DANCE TEAM

Course Key: **DANT1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03833300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Audition Placement
Corequisite(s): PE Substitution Dance

Dance Team is an extra-curricular activity based upon the dance curriculum. Dance Team members are selected only by audition near the end of the spring semester. The dance team participates in many outside-of-the-school-day performances including, but not limited to, events with the marching band, football games, pep rallies, parades, basketball games, dance competitions, various spring performances and summer camps/training. Before and/or after school practice is required as well as one class period for each semester. There are required fees for this course.

Beginning in the 2020-2021 school year, students enrolled in Dance 1 Dance Team will be co-enrolled in PESUBD (PE Substitution Dance) and will also receive 1 credit of PE.

DANCE 2

Course Key: **DAN2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03830200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Dance 1

Dance II is a course designed to allow students a more in-depth study of the fundamentals of dance. This class will include more in- depth dance techniques in ballet, modern, jazz, improvisation, and choreography as well as an overview of dance history. Fall and/or spring after school rehearsals and recital participation is required. Course expectations include specific skills acquired in "Foundations of Personal Fitness". Students are required to provide some supplies and pay a materials fee of up to $30.

Students who are enrolled in Dance 2-4 who need to fulfill their PE graduation requirement may also request a PE substitution credit (PESUBD) in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

DANCE 2 CHOREOGRAPHY

Course Key: **DANCH2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03832600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Dance 1 Choreography and Teacher Approval

DANCE 2 COLORGUARD

Course Key: **DANC2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03833400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Dance 1 Colorguard and Audition Placement

Color guard is a year-round class in which students learn dance and body principles and apply them to the art of color guard and it's components of flag, rifle, saber, and various props. The year includes performances and participation at summer camps, football games and contests with the Marching Band, public and community performances, recitals, as well as Winterguard competitions in the Spring semester. Before and after school practice is required as well as one class period for each semester. There are required fees for this course.

Students who are enrolled in Dance Colorguard 2-4 who need to fulfill their PE graduation requirement may also request a PE substitution credit (PESUBCG) in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

DANCE 2 DANCE TEAM

Course Key: **DANT2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03833400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Dance 1 Dance Team and Audition Placement

Dance Team is an extra-curricular activity based upon the dance curriculum. Dance Team members are selected only by audition near the end of the spring semester. The dance team participates in many outside-of-the-school-day performances including, but not limited to, events with the marching band, football games, pep rallies, parades, basketball games, dance competitions, various spring performances and summer camps/training. Before and/or after school practice is required as well as one class period for each semester. There are required fees for this course.

Students who are enrolled in Dance Team 2-4 who need to fulfill their PE graduation requirement may also request a PE substitution credit (PESUBD) in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

DANCE 3

Course Key: **DAN3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03830300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Dance 2

Dance III is a course designed to allow students a more in-depth study of dance technique in ballet, modern, jazz, improvisation, and choreography as well as an overview of dance history. The course continues the upward spiral of the dance

curriculum. Fall and/or spring after school rehearsals and recital participation is required as well as attendance at outside-of-school dance events. Course expectations include specific skills acquired in "Foundations of Personal Fitness". Students are required to provide some supplies and pay a materials fee of up to $30.

Students who are enrolled in Dance 2-4 who need to fulfill their PE graduation requirement may also request a PE substitution credit (PESUBD) in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

DANCE 3 CHOREOGRAPHY

Course Key: **DANCH3** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03832700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Dance 2 Choreography and Teacher Approval

DANCE 3 COLORGUARD

Course Key: **DANC3** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03833500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Dance 2 Colorguard and Audition Placement

Color guard is a year-round class in which students learn dance and body principles and apply them to the art of color guard and it's components of flag, rifle, saber, and various props. The year includes performances and participation at summer camps, football games and contests with the Marching Band, public and community performances, recitals, as well as Winterguard competitions in the Spring semester. Before and after school practice is required as well as one class period for each semester. There are required fees for this course.

Students who are enrolled in Dance Colorguard 2-4 who need to fulfill their PE graduation requirement may also request a PE substitution credit (PESUBCG) in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

DANCE 3 DANCE TEAM

Course Key: **DANT3** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03833500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Dance 2 Dance Team and Audition Placement

Dance Team is an extra-curricular activity based upon the dance curriculum. Dance Team members are selected only by audition near the end of the spring semester. The dance team participates in many outside-of-the-school-day performances including, but not limited to, events with the marching band, football games, pep rallies, parades, basketball games, dance competitions, various spring performances and summer camps/training. Before and/or after school practice is required as well as one class period for each semester. There are required fees for this course.

Students who are enrolled in Dance Team 2-4 who need to fulfill their PE graduation requirement may also request a PE substitution credit (PESUBD) in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

DANCE 4

Course Key: **DAN4** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03830400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Dance 3

Dance IV is a course designed to allow students a more in-depth study of dance technique in ballet, modern, jazz, improvisation, and choreography as well as an overview of dance history. The course continues the upward spiral of the dance curriculum. Fall and/or spring after school rehearsals and recital participation is required as well as attendance at outside-of-school dance events. Course expectations include specific skills acquired in "Foundations of Personal Fitness". Students are required to provide some supplies and pay a materials fee of up to $30.

Students who are enrolled in Dance 2-4 who need to fulfill their PE graduation requirement may also request a PE substitution credit (PESUBD) in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

DANCE 4 CHOREOGRAPHY

Course Key: **DANCH4** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03832800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Dance 3 Choreography and Teacher Approval

DANCE 4 COLORGUARD

Course Key: **DANC4** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03833600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Dance 3 Colorguard and Audition Placement

Color guard is a year-round class in which students learn dance and body principles and apply them to the art of color guard and it's components of flag, rifle, saber, and various props. The year includes performances and participation at summer camps, football games and contests with the Marching Band, public and community performances, recitals, as well as Winterguard competitions in the Spring semester. Before and after school practice is required as well as one class period for each semester. There are required fees for this course.

Students who are enrolled in Dance Colorguard 2-4 who need to fulfill their PE graduation requirement may also request a PE substitution credit (PESUBCG) in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

DANCE 4 DANCE TEAM

Course Key: **DANT4** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03833600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Dance 3 Dance Team and Audition Placement

Dance Team is an extra-curricular activity based upon the dance curriculum. Dance Team members are selected only by audition near the end of the spring semester. The dance team participates in many outside-of-the-school-day performances including, but not limited to, events with the marching band, football games, pep rallies, parades, basketball games, dance competitions, various spring performances and summer camps/training. Before and/or after school practice is required as well as one class period for each semester. There are required fees for this course.

Students who are enrolled in Dance Team 2-4 who need to fulfill their PE graduation requirement may also request a PE substitution credit (PESUBD) in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

MUSIC THEORY

Course Key: **MUSTH** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03155400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Concurrent or previous enrollment in high school band, choir or orchestra

Students enrolled in music theory will receive comprehensive instruction in the musical areas of counterpoint, harmony, chords, scales, and musical forms and part-writing. Students will also acquire and advance individual skills in sight-reading, sight-singing and ear training.

MUSICAL THEATRE 1

Course Key: **MUSTHT1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03251900 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended prerequisite: Courses in two of the following disciplines: theatre, dance, or music or by audition.

Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will also provide an atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of musical theatre. Students will receive comprehensive and rigorous instruction so that they may make informed choices about the craft, college, and the profession. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and other aspects of a musical production.

ORCH INSTRUMENTAL ENSEMBLE 1

Course Key: **ORIE1** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03151700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor approval and concurrent enrollment in Orchestra 1, 2, 3, or 4

Instrumental Ensemble - Orchestra serves students already enrolled in the orchestra in two ways. The course provides time to develop technique in a small group environment during school hours. The course can also provide the opportunity for a student to begin study on an alternate string instrument. For instance, a student already enrolled in orchestra as a violinist could have the opportunity to learn to play viola, cello, or bass.

ORCH INSTRUMENTAL ENSEMBLE 2

Course Key: **ORIE2** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03151800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor approval and concurrent enrollment in Orchestra 2, 3, or 4

Instrumental Ensemble - Orchestra serves students already enrolled in the orchestra in two ways. The course provides time to develop technique in a small group environment during school hours. The course can also provide the opportunity for a student to begin study on an alternate string instrument. For instance, a student already enrolled in orchestra as a violinist could have the opportunity to learn to play viola, cello, or bass.

ORCH INSTRUMENTAL ENSEMBLE 3

Course Key: **ORIE3** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03151900 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor approval and concurrent enrollment in Orchestra 3 or 4

Instrumental Ensemble - Orchestra serves students already enrolled in the orchestra in two ways. The course provides time to develop technique in a small group environment during school hours. The course can also provide the opportunity for a student to begin study on an alternate string instrument. For instance, a student already enrolled in orchestra as a violinist could have the opportunity to learn to play viola, cello, or bass.

ORCH INSTRUMENTAL ENSEMBLE 4

Course Key: **ORIE4** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03152000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Instructor approval and concurrent enrollment in Orchestra 4

Instrumental Ensemble - Orchestra serves students already enrolled in the orchestra in two ways. The course provides time to develop technique in a small group environment during school hours. The course can also provide the opportunity for a student to begin study on an alternate string instrument. For instance, a student already enrolled in orchestra as a violinist could have the opportunity to learn to play viola, cello, or bass.

ORCHESTRA 1

Course Key: **ORCH1** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03150500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Middle School Orchestra, Instructor Approval or previous private instruction required

Orchestra is for experienced musicians desiring to improve musical performance skills on string instruments while performing orchestral repertoire. Students will audition and be placed into a particular orchestra class based on skill level and instrumentation needs. Students in Orchestra are provided with multiple opportunities for individual achievement through extra-curricular auditions and competitions. Attendance at rehearsals and performances outside of normal school hours is required. Students will be expected to provide supplies and there are certain fees connected to the course.

ORCHESTRA 1 BEGINNER

Course Key: **ORCH1B** Length: YR Course Type:Regular Course Weight: Core
Service ID: 03150500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Audition placement. This course is designed for students with little to no prior experience on a string instrument.

ORCHESTRA 2

Course Key: **ORCH2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03150600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite: Orchestra 1
Orchestra is for experienced musicians desiring to improve musical performance skills on string instruments while performing orchestral repertoire. Students will audition and be placed into a particular orchestra class based on skill level and instrumentation needs. Students in Orchestra are provided with multiple opportunities for individual achievement through extra-curricular auditions and competitions. Attendance at rehearsals and performances outside of normal school hours is required. Students will be expected to provide supplies and there are certain fees connected to the course.

ORCHESTRA 3

Course Key: **ORCH3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03150700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Orchestra 2

Orchestra is for experienced musicians desiring to improve musical performance skills on string instruments while performing orchestral repertoire. The course continues the upward spiral of the orchestra curriculum. Students will audition and be placed into a particular orchestra class based on skill level and instrumentation needs. Students in Orchestra are provided with multiple opportunities for individual achievement through extra-curricular auditions and competitions. Attendance at rehearsals and performances outside of normal school hours is required. Students will be expected to provide supplies and there are certain fees connected to the course.

ORCHESTRA 4

Course Key: **ORCH4** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03150800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Orchestra 3

Orchestra is for experienced musicians desiring to improve musical performance skills on string instruments while performing orchestral repertoire. The course continues the upward spiral of the orchestra curriculum. Students will audition and be placed into a particular orchestra class based on skill level and instrumentation needs. Students in Orchestra are provided with multiple opportunities for individual achievement through extra-curricular auditions and competitions. Attendance at rehearsals and performances outside of normal school hours is required. Students will be expected to provide supplies and there are certain fees connected to the course.

TECH THEATRE 2: FACILITY MGMT

Course Key: **THTFM2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03253800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Technical Theatre 1, Band 1, Choir 1, or Orchestra 1
Through a variety of experiences with technical theatre, Technical Theatre II will afford students the opportunity to continue to study and develop their knowledge of technical theatre arts on a more challenging level. Students explore and apply a myriad of technical theatre concepts and skills. Students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

TECH THEATRE 3: ADV FAC MGMT

Course Key: **THTFM3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03253900 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Technical Theatre 2, Band 2, Choir 2, or Orchestra 2
Through a variety of experiences with technical theatre, Advanced Theatre Management III will afford students the opportunity to continue to study and develop their knowledge of technical theatre arts on a more challenging level. Students explore and apply a myriad of technical theatre concepts and skills. Students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

TECH THEATRE 4: ADV FAC MGMT

Course Key: **THTFM4** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03254000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Technical Theatre 3, Band 3, Choir 3, or Orchestra 3
Through a variety of experiences with technical theatre, Advanced Theatre Management IV will afford students the opportunity to continue to study and develop their knowledge of technical theatre arts on a more challenging level. Students explore and apply a myriad of technical theatre concepts and skills. Students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

TECHNICAL THEATRE 1

Course Key: **THTT1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03250500 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Theatre 1 (previous or concurrent) or teacher recommendation

This is a full year course in which students are introduced to the practice and design of theatrical sets, scenery, lighting, sound, costumes, properties and makeup. Students will gain training in stage management and stage crew work. All students are required to fulfill minimum work hours outside of the school day and write a review of a live theatrical performance seen during each grading cycle. Additionally, students may work as crew members for the annual musical and the UIL One-Act Play Festival. Students will be expected to paint, move heavy/dirty equipment, work with power tools, and work with hot electrical equipment. Students must exhibit a healthy respect for the safety of themselves and those near them.

TECHNICAL THEATRE 2

Course Key: **THTT2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03250600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Technical Theatre 1 or teacher recommendation

This is a full year course in which students research and design theatrical sets, scenery, lighting, sound, costumes, properties and makeup. Students will gain training and experience in stage management and stage crew work. Students will start a professional portfolio with items in each of the aforementioned areas. All students are required to fulfill minimum work hours outside of the school day during each grading cycle. Additionally, students will work as crew members for the annual musical and the UIL One-Act Play Festival. Crews for performances and events at the Klett PAC and/or the EVHS Theater are also chosen from members of this class. Students can earn additional theatre production credit by serving in this capacity. Students will be expected to paint, move heavy/dirty equipment, work with power tools, and work with hot electrical equipment. Students must exhibit a healthy respect for the safety of themselves and those near them.

TECHNICAL THEATRE 3

Course Key: **THTT3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03251100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Technical Theatre 2 or teacher recommendation

This is a full year course in which students research and design theatrical sets, scenery, lighting, sound, costumes, properties and makeup. Students will gain training and experience in stage management and stage crew work. Students will continue building a professional portfolio with items in each of the aforementioned areas. All students are required to fulfill minimum work hours outside of the school day during each grading cycle. Additionally, students will work as crew members for the annual musical and the UIL One-Act Play Festival. Crews for performances and events at the Klett PAC and/or the EVHS Theater are also chosen from members of this class. Students can earn additional theatre production credit by serving in this capacity. Students will be expected to paint, move heavy/dirty equipment, work with power tools, and work with hot electrical equipment. Students must exhibit a healthy respect for the safety of themselves and those near them.

TECHNICAL THEATRE 4

Course Key: **THTT4** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03251200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Technical Theatre 3 or teacher recommendation

This is a full year course in which students research and design theatrical sets, scenery, lighting, sound, costumes, properties and makeup. Students will gain training and experience in stage management and stage crew work. Students will continue

building a professional portfolio with items in each of the aforementioned areas. All students are required to fulfill minimum work hours outside of the school day during each grading cycle. Additionally, students will work as crew members for the annual musical and the UIL One -Act Play Festival. Crews for performances and events at the Klett PAC and/or the EVHS Theater are also chosen from members of this class. Students can earn additional theatre production credit by serving in this capacity. Students will be expected to paint, move heavy/dirty equipment, work with power tools, and work with hot electrical equipment. Students must exhibit a healthy respect for the safety of themselves and those near them.

THEATRE 1

Course Key: **THT1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03250100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

Theatre I is a full year course designed to introduce the student to theatre. The class will include theatre terminology, mime, improvisation, characterization, movement, voice and diction, scene study, performance, and some elements of technical theatre. Students are required to attend and analyze live theatrical events held outside of regular school hours.

THEATRE 2

Course Key: **THT2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03250200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Theatre I

Theatre II is a full year course designed to continue student growth in the study of theatre. Students will experience theatrical literature of greater complexity, continue in-depth scene study and characterization, and demonstrate advanced acting techniques. Students are required to attend and analyze live theatrical events held outside of regular school hours

THEATRE 3

Course Key: **THT3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03250300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Theatre II

Theatre III is a full year course designed to extend and continue the advanced experiences in Theatre II. The course continues the upward spiral of the theatre curriculum. Scene study, theatre history, performance, auditioning, directing, and playwriting are studied in greater depth. Students will have "hands-on" experience in directing, playwriting, auditioning, and will work with problems of production and performance. Students are required to attend and analyze live theatrical events held outside of regular school hours.

THEATRE 4

Course Key: **THT4** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03250400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Theatre III

Theatre IV is a full year course designed to extend and continue the advanced experiences in Theatre III. The course continues the upward spiral of the theatre curriculum. Scene study, theatre history, performance, auditioning, directing, and playwriting are studied at the most advanced level. Students will have even more "hands-on" experience in directing, playwriting, auditioning, and will also work with problems of production and performance. Students are required to attend and analyze live theatrical events held outside of regular school hours.

THEATRE PRODUCTION 1

Course Key: **THTP1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03250700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Concurrent or previous enrollment in an approved Theatre course and be a member of a production cast or crew

Theatre Production is an advanced Theatre performance ensemble, and requires audition and teacher approval. Students in this course are actively involved in rehearsals and a variety of performances throughout the school year, occurring outside regular school hours.

THEATRE PRODUCTION 2

Course Key: **THTP2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03250800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Theatre Production 2

THEATRE PRODUCTION 3

Course Key: **THTP3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03250900 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Theatre Production 3

THEATRE PRODUCTION 4

Course Key: **THTP4** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03251000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Theatre Production 4

VII. Electives: Journalism & Communications

ADV. BROADCAST JOURNALISM 1

Course Key: **BJRN1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03231900 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Journalism, Photojournalism, Advanced Technical Theater or Advanced Computer Course

Students will learn the basics of video production including story types, writing in broadcast style, digital video camera techniques, basic shooting of video and basic editing. A basic understanding of audio techniques, set lighting, electronic editing, script writing, direction and special effects will be acquired. On and off camera techniques will be explored. Individual projects such as music videos, documentaries and special school and district projects will be produced.

ADV. BROADCAST JOURNALISM 2

Course Key: **BJRN2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03231901 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Broadcast Journalism/ Video Production I

Students will learn the advanced methods of video production including story types, writing in broadcast style, digital video camera techniques, basic shooting of video and basic editing. A use of audio techniques, set lighting, electronic editing, script writing, direction and special effects will be acquired. On and off camera techniques will be explored. Individual projects such as music videos, documentaries and special school and district projects will be produced. Each second year student will be responsible for creating, writing, producing and editing a five minute video production.

ADV. BROADCAST JOURNALISM 3

Course Key: **BJRN3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03231902 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Broadcast Journalism/ Video Production I and II

Students will learn the advanced methods of video production including story types, writing in broadcast style, digital video camera techniques, basic shooting of video and basic editing. A use of audio techniques, set lighting, electronic editing, script writing, direction and special effects will be acquired. On and off camera techniques will be explored. Individual projects such as music videos, documentaries and special school and district projects will be produced. Each second and third year student will be responsible for creating, writing, producing and editing a five minute video production

ADV. JOURNALISM: NEWSPAPER 1

Course Key: **NEWS1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03230140 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Journalism or Photojournalism I

This is the class that produces the school newspaper. Students apply techniques of layout by designing pages and by writing copy, cut lines, and headlines, as well as by cropping pictures using desktop publishing software. They also sell advertisements to local merchants, gaining knowledge of the business community. Students will be required to cover events and work outside of regular school hours.

ADV. JOURNALISM: NEWSPAPER 2

Course Key: **NEWS2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03230150 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Advanced Journalism and Newspaper I

Students write stories and plan, edit, and makeup/layout the school newspaper. These students are editors of the school newspaper.

ADV. JOURNALISM: NEWSPAPER 3

Course Key: **NEWS3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03230160 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Advanced Journalism: Newspaper I and II

These are the editors and the most experienced staff members of the school newspaper. They will plan, write, edit, and take photographs for the school newspaper. Students enrolled in this class have been a part of the staff for two years and are responsible for setting deadlines and assuring that the publication adheres to journalistic style and standards.

COMMUNICATION APPLICATIONS

Course Key: **COMAP** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03241400 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Communication Applications is currently offered as an elective credit only by committee placement.

DEBATE 1

Course Key: **DEB1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03240600 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

Developing research and critical thinking skills while increasing the student's ability to persuade are the goals of this course. Students analyze contemporary issues and controversial issues as a means to find solutions and examine truths. The definition of debate is "organized argument," and this course is excellent preparation for college and professional careers. Preparation and presentation of debates are required in class and at speech tournaments. Students must attend at least one after school practice per week.

DEBATE 2

Course Key: **DEB2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03240700 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Debate 1

See Debate I

DEBATE 3

Course Key: **DEB3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03240800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Debate 2

See Debate I

DEBATE 4 LOCAL CREDIT

Course Key: **DEB4** Length: YR Course Type: Local Credit Course Weight: Core
Service ID: 84000DEB Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): Teacher recommendation

Developing advanced research and critical thinking skills while increasing the student's ability to persuade are the goals of this course. Students analyze contemporary issues and controversial issues as a means to find solutions and examine truths. The definition of debate is "organized argument," and this course is excellent preparation for college and professional careers. Preparation and presentation of debates are required in class and at speech tournaments. Students must attend at least one after school practice per week.

Local Credit Course: Does not count toward state graduation requirements.

IND. STUDY IN JOURNALISM

Course Key: **PJRNIS** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03231000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Photojournalism

Students will continue to take photographs and apply what they learned in Photojournalism I. Students enrolled in this class will take photographs of school events including but not limited to sports, school events, and new events that concern the school and its students. Students will take photos for school related publications. Students will be required to attend events scheduled outside of the normal classroom day. Note: Digital camera is required for this course.

JOURNALISM

Course Key: **JOURN** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03230100 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

Journalism students learn to write for a variety of audiences using different styles of journalistic writing. Students will become analytical consumers of media and technology to enhance their communication skills. Students will learn about the history of U. S. media, press law, and media ethics and responsibility. An emphasis will be placed on journalistic writing. Students should have access to a digital camera throughout the year. Students will be required to cover some after school events for the yearbook.

PHOTOJOURNALISM

Course Key: **PJRN1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03230800 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

Students take photographs, develop negatives, and print photos in a darkroom setting. Students also learn to take photos and download from digital cameras and manipulate them on a computer. This class also has a journalism component for nine weeks during which students learn to write news stories, feature articles, captions and headlines. Students produce photos and articles appropriate for use in the school newspaper and yearbook. Note: Students must have access to a 35mm and a digital camera. There may be a lab fee associated with this course.

SPEECH COMMUNICATION DC 1311

Course Key: **COMD** Length: SM Course Type: Dual Credit Course Weight: Advanced
Service ID: 03241400 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Dual credit course offered through Austin Community College and taught at the high school campus during school hours. Students earn both high school and college credit upon completion for the following ACC course(s):

SPCH 1311 - INTRODUCTION TO SPEECH COMMUNICATIONS

Introduction to Speech Communication explores the theories and practice of speech communication behavior to promote communication competence in interpersonal, small group, and public speaking situations. The course also examines the influence of communication technologies on human interaction.

Dual Credit: This course offers both high school and college credit. ACC students must attain qualifying TSI score and course availability is determined in collaboration with the community college. OnRamps courses are offered in collaboration with The University Of Texas at Austin.

YEARBOOK 1

Course Key: **YRBK1** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03230110 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Journalism I or Photojournalism I

Students apply techniques of graphic design by designing pages and by writing copy, cut lines and head-lines, as well as by cropping pictures using desktop publishing software. They also sell advertisements to local merchants, gaining knowledge of the business community. Students will be required to cover events and work outside of regular school hours. Note: Summer hours may be necessary.

YEARBOOK 2

Course Key: **YRBK2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03230120 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Advanced Journalism: Yearbook I

See Yearbook I

YEARBOOK 3

Course Key: **YRBK3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03230130 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Advanced Journalism: Yearbook I and II

These are the editors and the most experienced staff members of the school yearbook. They will plan, write, edit, and take photographs for the campus yearbook. Students enrolled in this class have been a part of the staff for two years and are responsible for setting deadlines and assuring that the publication adheres to journalistic style and standards.

VII. Electives: Other Electives

AIDE - OFFICE

Course Key: **AIDE** Length: YR Course Type: Local Credit Course Weight: Core
Service ID: 85000OAD Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): Principal Approval

This course allows students to provide clerical assistance in the school office or library. Basic clerical duties will be performed The duties as an aide are specified in writing and agreed upon in contract by the student, office personnel or librarian, and the principal.

Local Credit Course: Does not count toward state graduation requirements.

NJROTC NAVAL SCIENCE 1

Course Key: **NJR1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00004 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

The purpose of this course is to introduce students to the precepts of citizenship, the elements of leadership and the value of scholarship in attaining life's goals. This course is also designed to engender a sound appreciation for the heritage and traditions of America, with recognition that the role of sea power will be important in America's future. The course also provides instruction on military drill and ceremonies, uniform regulations, physical fitness, orienteering, principles of health, first aid and survival. All concepts are covered at a fundamental level.

NJROTC NAVAL SCIENCE 2

Course Key: **NJR2** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03160200 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): NJROTC I

This course builds on the general introduction provided in NJROTC I to further develop the traits of citizenship and leadership in cadets and introduce cadets to technical areas of naval science. The curriculum covers Maritime History, Nautical Sciences, Maritime Geography, Oceanography, Meteorology, Astronomy and the Physical Sciences at a fundamental level. In addition, students will have opportunities to continue to learn organizational skills, conduct physical fitness training and as appropriate lead military drill and ceremony exercises.

NJROTC NAVAL SCIENCE 3

Course Key: **NJR3** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03160300 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): NJROTC I

This course seeks to expand student understanding of naval science and leadership academic subjects and to broaden student understanding in the operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of objectives. The curriculum provides ongoing instruction in Leadership, Military Justice, International Law and the Sea, National Strategy, Sea Power, Naval Operations, Naval History, Naval Intelligence, National Security, and Challenges of Future Navy Research. In addition, students will continue to learn organizational skills, conduct physical fitness training and as appropriate lead or participate in military drill and ceremony exercises.

NJROTC NAVAL SCIENCE 4

Course Key: **NJR4** Length: YR Course Type: Regular Course Weight: Core
Service ID: 03160400 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): NJROTC I, II, and III. Leadership: successful completion of Basic Leadership Training, Leadership Academy or satisfactory performance in a NJROTC leadership position or as a member of a NJROTC team.

This course is focused solely on practical leadership. The intent is to assist the senior in understanding leadership and improving their leadership skills by putting them in positions of leadership, under supervision, then helping them analyze the

reasons for their varying degrees of success through the year. Classroom activities include seminars, reading assignments, classroom presentations, and practical work with younger cadets. NJROTC IV students serve as Platoon Advisors or Platoon Aides. An NJROTC IV's foremost responsibility is to serve as a model for other cadets in everything that he or she does.

PATH COLLEGE CAREER 1

Course Key: **PATHCC1** Length: YR Course Type: Innovative Course Weight: Core
Service ID: N1290051 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

The Path-College/Career Prep courses advance intellectual curiosity, conscientiousness, dependability, emotional stability, and perseverance through tasks that foster deeper levels of thinking and reasoning in the four core content areas. The Path secondary course series focuses on developing the habits and skills that are expected in college study and the workforce. High school Path students develop personal, interpersonal, and cognitive skills that are essential to productivity in both the collegiate and business worlds.

PATH COLLEGE CAREER 2

Course Key: **PATHCC2** Length: YR Course Type: Innovative Course Weight: Core
Service ID: N1290052 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Path College Career 1.

See Path College Career 1.

PATH COLLEGE CAREER 4

Course Key: **PATHCC4** Length: YR Course Type: Innovative Course Weight: Core
Service ID: N1290054 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Recommended prerequisite(s): Path-College/Career I, Path-College/Career II, and Path-College/Career III.

See Path College Career 1.

PEER ASSIST STUDENTS DISAB 1

Course Key: **PEERSD1** Length: YR Course Type: Regular Course Weight: Core
Service ID: N1290203 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Application Process

The Peer Buddy Program is designed to allow selected students to serve as tutors and advocates for students with disabilities. Peer Buddies will receive training on how to instruct peers with special challenges in various activities. Tutors will be required to keep a daily log, which summarizes their daily work with students. Tutors will be required to complete readings and short reports designed to increase awareness of the nature and problems associated with various disabling conditions. As advocates, tutors will be expected to set the example for others that people with disabilities need the same consideration and respect as their non- disabled peers. Periodic meetings, before and/or after school, will be necessary to facilitate the success of the Peer Buddy program. A commitment from all parties will provide a productive and enriching experience for all involved. The experience and growth will be valuable for a lifetime.

PEER ASSIST STUDENTS DISAB 2

Course Key: **PEERSD2** Length: YR Course Type: Regular Course Weight: Core
Service ID: N1290204 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Application Process

See Peer Assistance for Students with Disabilities 1

PEER ASSISTANCE LEADERSHIP 1

Course Key: **PALS1** Length: YR Course Type: Regular Course Weight: Core
Service ID: N1290005 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): A formal application to the program; recommendation of applicants from school personnel; a structured interview

Peer Assistance and Leadership is a course in which selected high school students will be trained to work as peer facilitators with students of all ages, and/or from feeder middle and elementary schools. Participants will be trained in a variety of helping

skills, which will enable them to assist other students in having a more positive and productive school experience. Elements of the course include: providing practical knowledge and skills, as well as actual field experience, for students potentially interested in careers in education or other helping professions; utilizing positive peer influence as a central strategy for addressing dropouts, substance abuse prevention, teen pregnancy and suicide, absenteeism, and other areas of concern in our district; and students are required to do a 10 hour outside of the classroom community service project. They are also required to purchase a t-shirt and supplies for class.

PEER ASSISTANCE LEADERSHIP 2

Course Key: **PALS2** Length: YR Course Type: Regular Course Weight: Core
Service ID: N1290006 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): A formal application to the program; recommendation of applicants from school personnel; a structured interview

See PALS 1

STRATEGIC LEARNING HS MATH

Course Key: **STLNHSM** Length: YR Course Type: Innovative Course Weight: Core
Service ID: N1110030 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

STRATEGIC LEARNING FOR HIGH SCHOOL MATH LEARNERS

This course is intended to create strategic mathematical learners from underprepared mathematics students.The basic understandings will stimulate students to think about their approach to mathematical learning. These basic understandings will include identifying errors in the teaching and learning process, input errors, physiological concerns, and key cognitive skills. The essential knowledge and skills will foster a deeper understanding of the task of learning mathematical concepts. Use of personal data and statistical analysis will establish relevance and aid in creation of individualized learning plans.

This course offers state credit but does not count toward math graduation requirements.

STRATEGIC LEARNING HS MATH SI

Course Key: **STLNHSMS** Length: YR Course Type: Innovative Course Weight: Core
Service ID: N1110030 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): LPAC Placement, Identified LEP

This course teaches all Strategic Learning HS Math TEKS. Emphasis is placed on sheltered instruction strategies to help students understand content while developing language skills.

STUDENT LEADERSHIP

Course Key: **STULEAD** Length: YR Course Type: Innovative Course Weight: Core
Service ID: N1290010 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None
Recommended prequisite(s): Teacher recommendation

This course provides an opportunity to study, practice, and develop group and individual leadership and organizational skills. These skills include the structure of leadership, organization and managerial skills, citizenship, goal setting, group processes, and communication.

TEEN LEADERSHIP

Course Key: **TEEN** Length: SM Course Type: Regular Course Weight: Core
Service ID: N1290012 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

Teen Leadership is a semester course that teaches key concepts and skills essential for attaining maximum success. Students learn how to achieve personal goals, and develop a positive attitude and self-concept, along with peer pressure resistance and positive work ethic. Effective communication skills needed in professional and personal settings are taught and practiced throughout the course. Students learn social skills that are necessary to develop healthy personal and professional relationships and friendships which incorporate support and trust. Teen Leadership students will understand the value of

integrity, the need for positive leadership, and will learn how to be proactive leaders.

VII. Electives: Physical Education/Athletics/Health

BASEBALL 1

Course Key: **BAS1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must meet all UIL requirements, be placed in the program by written approval of the head baseball coach, and have above average skills

This is not a course for players with little baseball ability. Students who are approved for this course are expected to try out for the junior varsity or varsity baseball teams in the spring. An aggressive approach is taken in all phases of team play through advanced conditioning, hitting techniques, and defensive situations.

BASEBALL 2

Course Key: **BAS2** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Baseball 1

BASEBALL 3

Course Key: **BAS3** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Baseball 1

BASEBALL 4

Course Key: **BAS4** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Baseball 1

BASKETBALL 1

Course Key: **BBL1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation of the coach

Basketball is taught in two parts with the first part taking place before and after the basketball season. First, the basic fundamentals of basketball are taught - shooting, passing, dribbling, rebounding, and defense. Special individual skill attainment is emphasized at this time. A secondary program of conditioning, consisting of weightlifting, running and other exercises that will benefit and strengthen the individual is implemented. The second phase (during the basketball season) places emphasis on competitive team play. Team offense and defense, as well as strategy and specific situation work, are emphasized.

BASKETBALL 2

Course Key: **BBL2** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Basketball 1

BASKETBALL 3

Course Key: **BBL3** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Basketball 1

BASKETBALL 4

Course Key: **BBL4** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Basketball 1

CHEERLEADING 1

Course Key: **CHEER1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00013 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Mandatory tryouts required

Cheerleaders are selected based upon judging during tryouts. Each member of the cheer squad will be scheduled in a class period for the fall and spring semester. The course will provide opportunities for individuals to develop skills, techniques, and conditioning necessary to be a successful cheerleader. Various team building strategies will be implemented.

CHEERLEADING 2

Course Key: **CHEER2** Length: YR Course Type: Local Credit Course Weight: Core
Service ID: 85000CH2 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

See Cheer 1

Local Credit Course: Does not count toward state graduation requirements.

CHEERLEADING 3

Course Key: **CHEER3** Length: YR Course Type: Local Credit Course Weight: Core
Service ID: 85000CH3 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

See Cheer 1

Local Credit Course: Does not count toward state graduation requirements.

CHEERLEADING 4

Course Key: **CHEER4** Length: YR Course Type: Local Credit Course Weight: Core
Service ID: 85000CH4 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

See Cheer 1

Local Credit Course: Does not count toward state graduation requirements.

CROSS COUNTRY 1

Course Key: **CC1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation of the coach

This course prepares students for competitive running. Participants work on endurance, speed, and strength. Participants also learn the importance of monitoring the heart rate and good nutrition. The competitive season begins in August and lasts through November. The off-season focuses on weights, agility, and long distance running.

CROSS COUNTRY 2

Course Key: **CC2** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Cross Country 1

CROSS COUNTRY 3

Course Key: **CC3** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Cross Country 1

CROSS COUNTRY 4

Course Key: **CC4** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Cross Country 1

FOOTBALL 1

Course Key: **FB1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation of the coach

Participants prepare for one of the five teams competing in scheduled UIL competition, which lasts from August through the end of November or December. During the off-season, students participate in weight training and movement activities that prepare them for all athletic activities. The off-season program and spring football practices are prerequisite for participation in the fall season for students who are enrolled in GISD, unless a student is enrolled in a different athletic period.

FOOTBALL 2

Course Key: **FB2** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Football 1

FOOTBALL 3

Course Key: **FB3** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Football 1

FOOTBALL 4

Course Key: **FB4** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Football 1

GOLF 1

Course Key: **GOLF1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must meet all UIL requirements and be placed in the program at the recommendation of the coach

Golf students receive intermediate or advanced instruction. The intermediate instruction includes a review of basic techniques and strategies. The advanced training stresses team play, as well as advanced strategies and specific situation play. Golf will be offered both fall and spring semesters.

GOLF 2

Course Key: **GOLF2** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Golf 1

GOLF 3

Course Key: **GOLF3** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Golf 1

GOLF 4

Course Key: **GOLF4** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Golf 1

HEALTH 1

Course Key: **HLTED** Length: SM Course Type: Regular Course Weight: Core
Service ID: 03810100 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

In health education, students acquire the health information and skills necessary to become healthy adults and learn about behaviors in which they should and should not participate. To achieve that goal, students will understand the following: students should first seek guidance in the area of health from their parents; personal behaviors can increase or reduce health risks throughout the lifespan; health is influenced by a variety of factors; students can recognize and utilize health information and products; and personal/interpersonal skills are needed to promote individual, family, and community health.

PE LIFETIME FITNESS WELLNESS

Course Key: **PEFIT** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00051 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

The Lifetime Fitness and Wellness Pursuits course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students in Lifetime Fitness and Wellness Pursuits will apply the knowledge and skills to demonstrate mastery of the concepts needed to achieve lifetime wellness. Students will participate in a variety of physical activities for attaining personal fitness and lifetime wellness.

Students who are interested in receiving their Physical Education credit through participation in Partners in PE should contact their counselor for additional information.

PE LIFETIME RECREATION OUTDOOR

Course Key: **PEREC** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00053 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

The Lifetime Recreation and Outdoor Pursuits course provides opportunities for students to develop competency in five or more lifelong recreational and outdoor pursuits for enjoyment and challenge. Students in Lifetime Recreation and Outdoor Pursuits participate in activities that promote physical literacy, respect for and connection to nature and the environment, and opportunities for enjoyment for a lifetime. Students will experience opportunities that enhance self-worth and support community engagement.

Students who are interested in receiving their Physical Education credit through participation in Partners in PE should contact their counselor for additional information.

PE SKILLS-BASED LIFETIME ACT

Course Key: **PEACT** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00056 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): None

The Skill-Based Lifetime Activities course offers students the opportunity to demonstrate mastery in basic sport skills, basic sport knowledge, and health and fitness principles. Students experience opportunities that promote physical literacy and lifetime wellness.

Students who are interested in receiving their Physical Education credit through participation in Partners in PE should contact their counselor for additional information.

PE SUB DANCE

Course Key: **PESUBD** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00014 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Required Corequisite(s): Dance

Students enrolled in Dance 1 will earn both a fine arts and a PE substitution credit beginning with the 2020-2021 school year. Students who are enrolled in Dance 2-4 who need to fulfill their PE graduation requirement may also request this PE substitution credit in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

PE SUBSTITUTION COLOR GUARD

Course Key: **PESUBCG** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00014 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Required Corequisite(s): Dance Color Guard

Students enrolled in Dance 1 Color Guard will earn both a fine arts and a PE substitution credit beginning with the 2020-2021 school year. Students who are enrolled in Dance 2-4 Color Guard who need to fulfill their PE graduation requirement may also request this PE substitution credit in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

PE SUBSTITUTION MARCHING BAND

Course Key: **PESUBMB** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00012 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Required Corequisite: Marching Band 1

Students enrolled in Marching Band 1 will earn both a fine arts and a PE substitution credit beginning with the 2020-2021 school year. Students who are enrolled in Marching Band 2-4 who need to fulfill their PE graduation requirement may also request this PE substitution credit in addition to the fine arts credit beginning with the 2020-2021 school year. Please see your counselor for additional information.

SOCCER 1

Course Key: **SCR1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation of the coach

This course will develop all participants to reach the physical fitness needed to participate in competitive soccer. The first semester covers physical training, fundamentals, as well as tactical and competitive play. The second semester will continue as the first semester until the competitive season is over. Soccer season begins in January and ends in March. Off-season will consist of strength training as well as a series of soccer competitions.

SOCCER 2

Course Key: **SCR2** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Soccer 1

SOCCER 3

Course Key: **SCR3** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Soccer 1

SOCCER 4

Course Key: **SCR4** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Soccer 1

SOFTBALL 1

Course Key: **SOF1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation of the coach

This course prepares girls for competitive fast pitch softball. Participants work to develop all phases of the game including advanced conditioning, hitting, defensive fundamentals and technique. The fall focuses on conditioning, fundamentals, technique, and strategy. Softball season begins in February and lasts through May.

SOFTBALL 2

Course Key: **SOF2** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Softball 1

SOFTBALL 3

Course Key: **SOF3** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Softball 1

SOFTBALL 4

Course Key: **SOF4** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Softball 1

SPORTS MEDICINE 1

Course Key: **SMD1** Length: YR Course Type: Regular Course Weight: Core
Service ID: N1150040 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Athletic Trainer Approval Only

This course provides an opportunity for the study and application of the components of sports medicine including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise. This course will require outside-of-class time and involve working with athletes and athletic teams.

SPORTS MEDICINE 2

Course Key: **SMD2** Length: YR Course Type: Regular Course Weight: Core
Service ID: N1150041 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Completion of Sports Medicine I and Athletic Trainer Approval Only

This course provides an opportunity for the study and application of the components of sports medicine including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise. This course will require outside-of-class time and involve working with athletes and athletic teams.

SPORTS MEDICINE 3

Course Key: **SMD3** Length: YR Course Type: Regular Course Weight: Core
Service ID: N1150044 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Completion of Sports Medicine I and II and Athletic Trainer Approval Only

This course will provide a logical progression for students that have advanced through the sports medicine courses and

provide them with an opportunity to apply the knowledge and skills they have gained to athletic injury recognition, evaluation, management, treatment and rehabilitation through research investigations and applications related to sports medicine. The course would provide opportunities for the advanced students in the sports medicine program to research, investigate, prepare, and present article reviews, case studies, research projects, poster presentations, and power point presentations on instructor approved topics.

SWIMMING 1

Course Key: **SWIM1** Length: YR Course Type:Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation of the coach

Students who participate in swimming must be able to compete at a varsity level and be able to perform all four competitive strokes. Practices will begin after the first week of school. Tryouts for the team will be two weeks after the school year begins. The top 19 swimmers (both girls and boys) will remain on the team. The first three weeks concentration will be stroke mechanics and turns. As the season continues the team will begin conditioning and swim 5,000-7,000 yards per day. The competitive season begins in October and ends in February. During the off-season we will continue to swim and cross train and participate in meets in March and in April. Practices will be during the period and continue after school. Students must provide their own transportation home.

SWIMMING 2

Course Key: **SWIM2** Length: YR Course Type:Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Swimming 1

SWIMMING 3

Course Key: **SWIM3** Length: YR Course Type:Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Swimming 1

SWIMMING 4

Course Key: **SWIM4** Length: YR Course Type:Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Swimming 1

TENNIS 1

Course Key: **TEN1** Length: YR Course Type:Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation of the coach

Students enrolled for competitive tennis already have a basic understanding of the rules and at least average skill development. These levels of tennis instruction are designed to enhance a student's current skill level, with emphasis on technique and strategy, through complex drills. Team members are expected to display their expertise as they participate in tournaments.

TENNIS 2

Course Key: **TEN2** Length: YR Course Type:Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Tennis 1

TENNIS 3

Course Key: **TEN3** Length: YR Course Type:Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Tennis 1

TENNIS 4

Course Key: **TEN4** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Tennis 1

TRACK 1

Course Key: **TRK1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation of the coach

Students receive extensive training in the development of track and field techniques. During the first semester work is concentrated on the development of long distance running. Cross-Country meets are held on Saturday and all students are expected to attend these meets. Cross Country and Track and Field will field three teams: Varsity, Junior Varsity, and Freshmen. Training continues in the second semester in preparation for spring track and field competition. Students may participate on one of three teams: Varsity, Junior Varsity, or Freshmen.

TRACK 2

Course Key: **TRK2** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Track 1

TRACK 3

Course Key: **TRK3** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Track 1

TRACK 4

Course Key: **TRK4** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Track 1

VOLLEYBALL 1

Course Key: **VOL1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation of the coach

Tryouts will be held in August. Participants who are selected for one of four competitive teams will be placed in the class. Participants work to develop fundamentals in passing, serving, spiking, blocking, team chemistry, digging, and offensive/defensive techniques. Participants will also learn the rules, regulations and terminology associated with the sport. The competitive season runs from August through November. In the spring, the off-season will focus on conditioning, weight training, plyometrics, and individual and team fundamentals.

VOLLEYBALL 2

Course Key: **VOL2** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Volleyball 1

VOLLEYBALL 3

Course Key: **VOL3** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Volleyball 1

VOLLEYBALL 4

Course Key: **VOL4** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Volleyball 1

WEIGHTLIFTING 1

Course Key: **WL1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must get a physical and complete RankOne paperwork within 2 weeks of school starting.

This course prepares individuals for the physical and technical skills required for healthy or competitive weightlifting. Participants work on fundamental technique, strength, agility and endurance daily. Participants will develop proper lifting techniques, as well as learn the rules, regulations, and terminology associated with the sport.

WEIGHTLIFTING 2

Course Key: **WL2** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Weightlifting 1

WEIGHTLIFTING 3

Course Key: **WL3** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Weightlifting 1

WEIGHTLIFTING 4

Course Key: **WL4** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Weightlifting 1

WRESTLING 1

Course Key: **WRE1** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00000 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Must meet all UIL requirements and be placed in the program at recommendation of the coach

This course prepares individuals for the physical and technical skills required for competitive collegiate wrestling. Participants work on fundamental technique, strength, agility and endurance daily. Participants will develop grappling skills, as well as learn the rules, regulations, and terminology associated with the sport. The first semester focuses on preparing individuals for the competitive season which runs from November to February. The second semester focuses on strength and conditioning.

WRESTLING 2

Course Key: **WRE2** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00001 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Wrestling 1

WRESTLING 3

Course Key: **WRE3** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00002 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Wrestling 1

WRESTLING 4

Course Key: **WRE4** Length: YR Course Type: Regular Course Weight: Core
Service ID: PES00003 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

See Wrestling 1

VIII. Committee Placement Electives

BASIC LANGUAGE 1

Course Key: **BL1** Length: YR Course Type:Local Credit Course Weight: Modified
Service ID: 84000BL1 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): Placement by 504/ARD committee

This course is a multi-sensory approach to learning basic language skills of reading, writing, and spelling for students who have been assessed by a GISD Reading specialist and placed in the "Basic Language Skills" program by a SAIL committee. The goal of this course is for the students to acquire the skills necessary to be on grade level in reading, writing, and spelling.

Local Credit Course: Does not count toward state graduation requirements.

BASIC LANGUAGE 2

Course Key: **BL2** Length: YR Course Type:Local Credit Course Weight: Modified
Service ID: 84000BL2 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): Placement by 504/ARD committee
See Basic Language 1

Local Credit Course: Does not count toward state graduation requirements.

BASIC LANGUAGE 3

Course Key: **BL3** Length: YR Course Type:Local Credit Course Weight: Modified
Service ID: 84000BL3 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): Placement by ARD committee

See Basic Language 1

Local Credit Course: Does not count toward state graduation requirements.

BRIDGES

Course Key: **BRID** Length: YR Course Type:Local Credit Course Weight: Modified
Service ID: 85000BRD Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): Completion of Graduation Requirements, ARD Committee Placement

This specially designed program is based on independence and preparation of young adults for life after high school by providing vocational transition skills training. BRIDGES currently has two tiers of operation. These young adults are able to access the BRIDGES program until after their IEP goals and objectives are met and/or they age out.

Local Credit Course: Does not count toward state graduation requirements.

COMPUTER SKILLS 1

Course Key: **CPSK1** Length: YR Course Type:Local Credit Course Weight: Modified
Service ID: 84700CS1 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): ARD committee placement

This course will provide students with the opportunity to access technology through the use of various computer applications as well as learn to use the internet to collect data and/or gather information for specific class projects. The scope of this course is determined by the student's individual education plan (IEP).

Local Credit Course: Does not count toward state graduation requirements.

COMPUTER SKILLS 2

Course Key: **CPSK2** Length: YR Course Type: Local Credit Course Weight: Modified
Service ID: 84700CS2 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): ARD committee placement

See Computer Skills 1

Local Credit Course: Does not count toward state graduation requirements.

ENGLISH 5 SKILLS T

Course Key: **ENG5ST** Length: YR Course Type: Local Credit Course Weight: Modified
Service ID: 84400ES5 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

These courses assist students in developing skills in the areas of expressive, receptive, written, and/or symbolic representations of language. Attention is given to communicate effectively within the range of the student's abilities (directly or through assistive devices). Communication is examined in regard to social appropriateness, environmental cues and prompts, understanding generalizations in real-life context, and the responsibilities of independent living skills that relate directly to employment. Students will explore job-related language. The scope of these courses and TEKS mastered are determined by the student's individual education plan (IEP) responsibilities of independent living skills that relate directly to employment.

Local Credit Course: Does not count toward state graduation requirements.

HEALTH 1 SKILLS T

Course Key: **HLTEDST** Length: SM Course Type: Regular Course Weight: Modified
Service ID: 03810100 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

Personal Health and Hygiene. Meets the state requirements for Health Education.

MAKING CONNECTIONS 1

Course Key: **MAKECON1** Length: SM Course Type: Innovative Course Weight: Core
Service ID: N1290332 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

The Making Connections course sequence serves students who have an autism spectrum disorder or a related disorder which causes them to have difficulty with social skills. This course assists the students in developing an understanding of autism and other related disorders.

MAKING CONNECTIONS 2

Course Key: **MAKECON2** Length: SM Course Type: Innovative Course Weight: Core
Service ID: N1290333 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

See Making Connections 1

MAKING CONNECTIONS 3

Course Key: **MAKECON3** Length: SM Course Type: Innovative Course Weight: Core
Service ID: N1290334 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

See Making Connections 1

MAKING CONNECTIONS 4

Course Key: **MAKECON4** Length: SM Course Type: Innovative Course Weight: Core
Service ID: N1290335 Credits: 0.50 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

See Making Connections 1

MATH 5 SKILLS T

Course Key: **MAT5ST** Length: YR Course Type: Local Credit Course Weight: Modified
Service ID: 84100MS5 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): ARD Committee Approval Only

These courses are designed to reinforce math operations using a variety of practical, real-life situations in mathematics in daily living exercises. Emphasis is on applying math in the use of money, personal financial situations and solving home and work problems. The scope of these courses and TEKS mastered are determined by the student's individual education plan (IEP).

Local Credit Course: Does not count toward state graduation requirements.

PATH COLLEGE CAREER 1 MODIFIED

Course Key: **PATHCC1M** Length: YR Course Type: Innovative Course Weight: Modified
Service ID: N1290051 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

All students deserve academic and social support to help prepare them for the challenges they must face after high school graduation. The Path-College/Career Prep courses advance intellectual curiosity, conscientiousness, dependability, emotional stability, and perseverance through tasks that foster deeper levels of thinking and reasoning in the four core content areas. The Path secondary course series focuses on developing the habits and skills that are expected in college study and the workforce. High school Path students develop personal, interpersonal, and cognitive skills that are essential to productivity in both the collegiate and business worlds.

PATH COLLEGE CAREER 2 MODIFIED

Course Key: **PATHCC2M** Length: YR Course Type: Innovative Course Weight: Modified
Service ID: N1290052 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Path-College Career I, ARD Committee Placement

See Path College Career 1 Modified

PATH COLLEGE CAREER 3 MODIFIED

Course Key: **PATHCC3M** Length: YR Course Type: Innovative Course Weight: Modified
Service ID: N1290053 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Path-College Career II, ARD Committee Placement

See Path College Career 1 Modified

PATH COLLEGE CAREER 4 MODIFIED

Course Key: **PATHCC4M** Length: YR Course Type: Innovative Course Weight: Modified
Service ID: N1290054 Credits: 1.00 Credit Type: State Counted in Rank GPA: No

Prerequisite(s): Path-College Career III, ARD Committee Placement

See Path College Career 1 Modified

PERSONAL FAMILY DEV SKILLS 1

Course Key: **PFDSK1** Length: YR Course Type:Local Credit Course Weight: Modified
Service ID: 85000PF1 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

This course allows students to develop skills necessary for caring for personal and family needs. Content includes interpersonal skills, decision making promotion of family strengths and wellbeing and developing positive relationships with peers. Students will use information to make informed choices related to personal hygiene, nutrition, home maintenance, safety and money management. The course will enable students to practice budgeting, develop consumer buying practices and manage family housing needs. This course will provide community learning opportunities. The scope of this course is determined by the student's individual education plan (IEP).

Local Credit Course: Does not count toward state graduation requirements.

PERSONAL FAMILY DEV SKILLS 2

Course Key: **PFDSK2** Length: YR Course Type:Local Credit Course Weight: Modified
Service ID: 85000PF2 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

See Personal Family Dev Skills 1

Local Credit Course: Does not count toward state graduation requirements.

PERSONAL FAMILY DEV SKILLS 3

Course Key: **PFDSK3** Length: YR Course Type:Local Credit Course Weight: Modified
Service ID: 85000PF3 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

See Personal Family Dev Skills 1

Local Credit Course: Does not count toward state graduation requirements.

PERSONAL FAMILY DEV SKILLS 4

Course Key: **PFDSK4** Length: YR Course Type:Local Credit Course Weight: Modified
Service ID: 85000PF4 Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

See Personal Family Dev Skills 1

Local Credit Course: Does not count toward state graduation requirements.

SOCIAL SKILLS

Course Key: **SSK** Length: YR Course Type:Local Credit Course Weight: Modified
Service ID: 85000SSK Credits: 1.00 Credit Type: Local Counted in Rank GPA: No

Prerequisite(s): ARD Committee Placement

This course is designed to develop life-long social skills to improve individual and group interactions. It will address personal development, relationships, communication skills and cultural awareness. This class is taught based on individual goals and objectives.

Local Credit Course: Does not count toward state graduation requirements.

I. English Language Arts

English Lang Development 1 HS

Course Key: **ELDA1J** Length: YHS Course Type: High School Credit Course Weight: Core
Service ID: 03200800 Grades: 6-8 Counted in Rank GPA: Yes Credits: 1.00

ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION 1 (first year taken)
HIGH SCHOOL CREDIT
Prerequisite(s): LPAC Placement.

This course must be taken concurrently with an ELAR course. English Language Development and Acquisition 1 (ELDA) is designed to provide instructional opportunities for secondary newcomers and recent immigrant students with little or no English proficiency. These students have scored at the negligible/very limited academic language level of the state-approved English oral language proficiency tests. This course enables students to become increasingly more proficient in English in all four language domains. It addresses cognitive, linguistic, and affective needs in compliance with federal requirements. The English Language Development and Acquisition (ELDA) course will validate a student's native language and culture as a valuable resource and as a foundation to attain the English language. It will develop social language, survival vocabulary, and the basic building blocks of literacy for newly arrived and preliterate students. (Recommended to take concurrently with an English Learners Language Arts (ELLA) course.)

English Lang Development 2 HS

Course Key: **ELDA2J** Length: YHS Course Type: High School Credit Course Weight: Core
Service ID: 03200810 Grades: 7-8 Counted in Rank GPA: Yes Credits: 1.00

ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION 2 (second year taken)
HIGH SCHOOL CREDIT
Prerequisite(s): LPAC Placement.

This course must be taken concurrently with an ELAR course. English Language Development and Acquisition 2 (ELDA) is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. These students have scored at the negligible/very limited academic language level of the state-approved English oral language proficiency tests. This course enables students to become increasingly more proficient in English in all four language domains. It addresses cognitive, linguistic, and affective needs in compliance with federal requirements. The English Language Development and Acquisition (ELDA) course will validate a student's native language and culture as a valuable resource and as a foundation to attain the English language. It will develop social language, survival vocabulary, and the basic building blocks of literacy for newly arrived and preliterate students. (Recommended to take concurrently with an English Learners Language Arts (ELLA) course.)

English Lang Arts/Rdg 6

Course Key: **LA6** Length: YR Course Type: Regular
Service ID: 03200510 Grades: 6

English language arts and reading embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

English Lang Arts/Rdg 6 ESL

Course Key: **LA6E** Length: YR Course Type: Regular
Service ID: 03200510 Grades: 6

Prerequisite(s): LPAC committee placement
Recommended co-requisite: ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION, ELDA course

ENGLISH LEARNERS LANGUAGE ARTS 6th

The ELAR ESL course is a specialized course providing intensive instructional setting for students with little or no English language. This course mirrors ELAR Grade 6 standards and additional second language acquisition standards. ELAR ESL

TEKS embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven strands of developing and sustaining foundational language skills, and recognize critical processes and features of second language acquisition to provide instruction to enable students to meet these standards. (Course intended for newcomers or recent immigrants with little or no English language and have been enrolled less than three years of US schools.)

English Lang Arts/Rdg 6 Adv

Course Key: **LA6H** Length: YR Course Type: Honors
Service ID: 03200510 Grades: 6

Course Description: See Language Arts 6

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

English Lang Arts/Rdg 7

Course Key: **LA7** Length: YR Course Type: Regular
Service ID: 03200520 Grades: 7

English language arts and reading embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

English Lang Arts/Rdg 7 Adv

Course Key: **LA7H** Length: YR Course Type: Honors
Service ID: 03200520 Grades: 7

Course Description: See English Language Arts and Reading 7

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

English Lang Arts/Rdg 8

Course Key: **LA8** Length: YR Course Type: Regular
Service ID: 03200530 Grades: 8

English language arts and reading embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

English Lang Arts/Rdg 8 Adv

Course Key: **LA8H** Length: YR Course Type: Honors
Service ID: 03200530 Grades: 8

Course Description: See Language Arts 8

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

Language Arts 7th Eng Lrn

Course Key: **LAEL7** Length: YR Course Type: Regular
Service ID: 03200531 Grades: 7

Prerequisite(s): LPAC committee placement
Recommended co-requisite: ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION, ELDA course

ENGLISH LEARNERS LANGUAGE ARTS 7th

The ELLA course is a specialized course providing intensive instructional setting for students with little or no English language. ELLA 7 mirrors ELAR Grade 7 standards and additional second language acquisition standards. ELLA 7 TEKS embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven strands of

developing and sustaining foundational language skills, and recognize critical processes and features of second language acquisition to provide instruction to enable students to meet these standards. (Course intended for newcomers or recent immigrants with little or no English language and have been enrolled less than three years of US schools.)

Language Arts 8th Eng Lrn

Course Key: **LAEL8** Length: YR Course Type: Regular
Service ID: 03200532 Grades: 8

Prerequisite(s): LPAC committee placement
Recommended co-requisite: ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION, ELDA course

ENGLISH LEARNERS LANGUAGE ARTS 8th

The ELLA course is a specialized course providing intensive instructional setting for students with little or no English language. ELLA 8 mirrors ELAR Grade 8 standards and additional second language acquisition standards. ELLA 8 TEKS embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven strands of developing and sustaining foundational language skills, and recognize critical processes and features of second language acquisition to provide instruction to enable students to meet these standards. (Course intended for newcomers or recent immigrants with little or no English language and have been enrolled less than three years of US schools.)

Reading 6

Course Key: **RD6** Length: YR Course Type: Regular
Service ID: 03273410 Grades: 6

Reading offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas.

Reading 7

Course Key: **RD7** Length: YR Course Type: Regular
Service ID: 03273420 Grades: 7

Reading offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas.

Reading 8

Course Key: **RD8** Length: YR Course Type: Regular
Service ID: 03273430 Grades: 8

Reading offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas.

II. Mathematics

Algebra 1 HS Advanced

Course Key: **ALG1JH** Length: YHS Course Type: High School Credit/Honor Course Weight: Advanced
Service ID: 03100500 Grades: 7-8 Counted in Rank GPA: Yes Credits: 1.00

HIGH SCHOOL CREDIT COURSE
Prerequisite(s): Grade 8 Mathematics, or its equivalent

This course will explore the same topics as Algebra 1 with more depth and complexity.

Geometry HS Advanced

Course Key: **GEOJH** Length: YHS Course Type: High School Credit/Honor Course Weight: Advanced
Service ID: 03100700 Grades: 8 Counted in Rank GPA: Yes Credits: 1.00

HIGH SCHOOL CREDIT COURSE
Prerequisite(s): Algebra I

This course will explore the same topics as Geometry with more depth and complexity.

Math 6

Course Key: **MA6** Length: YR Course Type: Regular
Service ID: 02820000 Grades: 6

The primary focal areas in Grade 6 are number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students use concepts, algorithms, and properties of rational numbers to explore mathematical relationships and to describe increasingly complex situations. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. While the use of all types of technology is important, the emphasis on algebra readiness skills necessitates the implementation of graphing technology.

Math 6/7

Course Key: **MA67** Length: YR Course Type: Regular
Service ID: 02820000 Grades: 6

Prerequisite: GISD Recommendation is required

This is an accelerated course that offers a study of 6th and 7th grade curriculum and prepares students to take Algebra I in 8th grade. Reference the course descriptions for 6th and 7th grade Math.

Students in this course will take 6th grade STAAR Math.

Math 6 ESL

Course Key: **MA6E** Length: YR Course Type: Regular
Service ID: 02820000 Grades: 6

Reference course description for Math 6th

Math 7

Course Key: **MA7** Length: YR Course Type: Regular
Service ID: 03103000 Grades: 7

The primary focal areas in Grade 7 are number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students use concepts, algorithms, and properties of rational numbers to explore mathematical relationships and to describe increasingly complex situations. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships, including number, geometry and measurement, and statistics and probability.

Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. While the use of all types of technology is important, the emphasis on algebra readiness skills necessitates the implementation of graphing technology.

Math 7/8

Course Key: **MA78** Length: YR Course Type: Regular
Service ID: 03103000 Grades: 6-7

Prerequisite: GISD Recommendation is required; or Credit By Exam

This is an accelerated course that offers a study of 7th and 8th grade curriculum and prepares students to take Algebra I in 7th grade. Reference the course descriptions for 7th and 8th grade Math.

Students in this course will take 7th grade STAAR Math.

Math 7 Accelerated

Course Key: **MA7A** Length: YR Course Type: Honors
Service ID: 03103000 Grades: 6

Prerequisite: GISD Recommendation is required; or Credit By Exam

The primary focal areas in Grade 7 are number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students use concepts, algorithms, and properties of rational numbers to explore mathematical relationships and to describe increasingly complex situations. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships, including number, geometry and measurement, and statistics and probability. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. While the use of all types of technology is important, the emphasis on algebra readiness skills necessitates the implementation of graphing technology.

Students in this course will take 7th grade STAAR Math.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

Math 7 ESL

Course Key: **MA7E** Length: YR Course Type: Regular
Service ID: 03103000 Grades: 7

Reference course description for Math 7th

Math 8

Course Key: **MA8** Length: YR Course Type: Regular
Service ID: 03103100 Grades: 8

The primary focal areas in Grade 8 are proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students use concepts, algorithms, and properties of real numbers to explore mathematical relationships and to describe increasingly complex situations. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students begin to develop an understanding of functional relationships. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. While the use

of all types of technology is important, the emphasis on algebra readiness skills necessitates the implementation of graphing technology.

Math 8 Accelerated

Course Key: **MA8A** Length: YR Course Type: Honors
Service ID: 03103100 Grades: 7

Prerequisite: GISD Recommendation is required; or Credit By Exam

The primary focal areas in Grade 8 are proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students use concepts, algorithms, and properties of real numbers to explore mathematical relationships and to describe increasingly complex situations. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students begin to develop an understanding of functional relationships. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. While the use of all types of technology is important, the emphasis on algebra readiness skills necessitates the implementation of graphing technology.

Students in this course will take grade 8 STAAR Math.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

Math 8 ESL

Course Key: **MA8E** Length: YR Course Type: Regular
Service ID: 03103100 Grades: 8

Reference course description for Math 8th

Math 6 Exploration

Course Key: **MAEX6** Length: YR Course Type: Local Credit
Service ID: 82100XXX Grades: 6

Prerequisites: N/A - assignment by campus administration

This course is designed to meet the individual learning needs of students in mathematics. This course provides additional instructional support for students toward mastery of the Texas Essential Knowledge and Skills in mathematics. Assignment in the course is based on review of all learning data related to math and is at the discretion of the campus principal.

Reference course description for Math 6th

Math 7 Exploration

Course Key: **MAEX7** Length: YR Course Type: Local Credit
Service ID: 82920XXX Grades: 7

Prerequisites: N/A - assignment by campus administration

This course is designed to meet the individual learning needs of students in mathematics. This course provides additional instructional support for students toward mastery of the Texas Essential Knowledge and Skills in mathematics. Assignment in the course is based on review of all learning data related to math and is at the discretion of the campus principal.

Reference course description for Math 7th

Math 8 Exploration

Course Key: **MAEX8** Length: YR Course Type: Local Credit
Service ID: 83100XXX Grades: 8

Prerequisites: N/A - assignment by campus administration

This course is designed to meet the individual learning needs of students in mathematics. This course provides additional

instructional support for students toward mastery of the Texas Essential Knowledge and Skills in mathematics. Assignment in the course is based on review of all learning data related to math and is at the discretion of the campus principal.

Reference course description for Math 8th

III. Science

Science 6

Course Key: **SCI6** Length: YR Course Type: Regular
Service ID: 02830000 Grades: 6

Grade 6 Science is interdisciplinary in nature with much of the content focus on physical science. Students will study the following topics: scientific investigation and reasoning, matter and energy, force and motion, earth and space, and organisms and the environment.

Science 6 ESL

Course Key: **SCI6E** Length: YR Course Type: Regular
Service ID: 02830000 Grades: 6

See course description for grade 6 science.

Science 6 Advanced

Course Key: **SCI6H** Length: YR Course Type: Honors
Service ID: 02830000 Grades: 6

See course description for grade 6 science.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

Science 7

Course Key: **SCI7** Length: YR Course Type: Regular
Service ID: 03060700 Grades: 7

Science 7th - Grade 7 science is interdisciplinary in nature; however, much of the content focuses on organisms and their environment. Students will study the following topics: scientific investigation and reasoning, matter and energy, force and motion, earth and space, and organisms and the environment.

Science 7 ESL

Course Key: **SCI7E** Length: YR Course Type: Regular
Service ID: 03060700 Grades: 7

See course description for grade 7 science.

Science 7 Advanced

Course Key: **SCI7H** Length: YR Course Type: Honors
Service ID: 03060700 Grades: 7

See course description for grade 7 science.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

Science 8

Course Key: **SCI8** Length: YR Course Type: Regular
Service ID: 03060800 Grades: 8

Grade 8 science is interdisciplinary in nature; however, much of the content focus is on earth and space science. Students will cover the following topics: scientific investigation and reasoning, matter and energy, force and motion, earth and space, and organisms and the environment.

Science 8 ESL

Course Key: **SCI8E** Length: YR Course Type: Regular
Service ID: 03060800 Grades: 8

See course description for grade 8 science.

Science 8 Advanced

Course Key: **SCI8H** Length: YR Course Type: Honors
Service ID: 03060800 Grades: 8

See course description for grade 8 science.

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

IV. Social Studies

Social Studies 6

Course Key: **SS6** Length: YR Course Type: Regular
Service ID: 02870000 Grades: 6

In Grade 6, students study people, places, and societies of the contemporary world. Societies for study are from the following regions of the world: Europe, Russia and the Eurasian republics, North America, Central America and the Caribbean, South America, Southwest Asia-North Africa, Sub-Saharan Africa, South Asia, East Asia, Southeast Asia, Australia, and the Pacific realm. Students describe the influence of individuals and groups on historical and contemporary events in those societies and identify the locations and geographic characteristics of various societies. Students identify different ways of organizing economic and governmental systems. The concepts of limited and unlimited government are introduced, and students describe the nature of citizenship in various societies. Students compare institutions common to all societies such as government, education, and religious institutions. Students explain how the level of technology affects the development of the various societies and identify different points of view about events. The concept of frame of reference is introduced as an influence on an individual's point of view.

Social Studies 6 ESL

Course Key: **SS6E** Length: YR Course Type: Regular
Service ID: 02870000 Grades: 6

See Social Studies 6

Social Studies 6 Adv

Course Key: **SS6H** Length: YR Course Type: Honors
Service ID: 02870000 Grades: 6

Course Description: See Grade 6 Social Studies

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

Social Studies 7

Course Key: **SS7** Length: YR Course Type: Regular
Service ID: 03343000 Grades: 7

Students study the history of Texas from early times to the present. Students examine the full scope of Texas history, including Natural Texas and its People; Age of Contact; Spanish Colonial; Mexican National; Revolution and Republic; Early Statehood; Texas in the Civil War and Reconstruction; Cotton, Cattle, and Railroads; Age of Oil; Texas in the Great Depression and World War II; Civil Rights and Conservatism; and Contemporary Texas eras. The focus in each era is on key individuals, events, and issues and their impact. Students identify regions of Texas and the distribution of population within and among the regions and explain the factors that caused Texas to change from an agrarian to an urban society. Students describe the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens. Students use primary and secondary sources to examine the rich and diverse cultural background of Texas as they identify the different racial and ethnic groups that settled in Texas to build a republic and then a state. Students analyze the impact of scientific discoveries and technological innovations on the development of Texas in various industries such as agricultural, energy, medical, computer, and aerospace. Students use primary and secondary sources to acquire information about Texas.

Social Studies 7 ESL

Course Key: **SS7E** Length: YR Course Type: Regular
Service ID: 03343000 Grades: 7

See Social Studies 7

Social Studies 7 Advanced

Course Key: **SS7H** Length: YR Course Type: Honors
Service ID: 03343000 Grades: 7

Course Description: See Grade 7 Social Studies

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

Social Studies 8

Course Key: **SS8** Length: YR Course Type: Regular
Service ID: 03343100 Grades: 8

In Grade 8, students study the history of the United States from the early colonial period through Reconstruction. Historical content focuses on the political, economic, religious, and social events and issues related to the colonial and revolutionary eras, the creation and ratification of the U.S. Constitution, challenges of the early republic, the Age of Jackson, westward expansion, sectionalism, Civil War, and Reconstruction. Students describe the physical characteristics of the United States and their impact on population distribution and settlement patterns in the past and present. Students analyze the various economic factors that influenced the development of colonial America and the early years of the republic and identify the origins of the free enterprise system. Students examine the American beliefs and principles, including limited government, checks and balances, federalism, separation of powers, and individual rights, reflected in the U.S. Constitution and other historical documents. Students evaluate the impact of Supreme Court cases and major reform movements of the 19th century and examine the rights and responsibilities of citizens of the United States as well as the importance of effective leadership in a constitutional republic. Students evaluate the impact of scientific discoveries and technological innovations on the development of the United States. Students use critical-thinking skills, including the identification of bias in written, oral, and visual material.

Social Studies 8 ESL

Course Key: **SS8E** Length: YR Course Type: Regular
Service ID: 03343100 Grades: 8

See Social Studies 8

Social Studies 8 Advanced

Course Key: **SS8H** Length: YR Course Type: Honors
Service ID: 03343100 Grades: 8

Course Description: See Grade 8 Social Studies

Advanced Course: Carefully review the Advanced Course Commitment guidelines before selecting this course.

V. Physical Education/Athletics/Health

Athletics 7th

Course Key: **ATH7** Length: YR Course Type: Regular
Service ID: 03823000 Grades: 7

This is a full-year course for athletes who are participating in UIL sports. Practices will start before school or after school during the season. This course involves accelerated competition with other schools for football, volleyball, basketball, track, soccer and cross country. Cross country is offered only in the fall as a before or after school event. Athletes who compete only in track or basketball will not be allowed to enroll in the class until the second semester. During the second semester, all athletes will go through a strenuous off-season program featuring weight lifting, running, and agility drills. They will then practice their sport before or after school. There may also be a selected number of days dedicated to track and field preparation at the early phase of track season and a selected number of days dedicated to football skills during the last two weeks of the semester. There is a required dress code; these items must be purchased.

Tennis is offered as an additional athletic class with before and after school practices. Tennis is a competitive program participating in dual matches and tournaments throughout the fall and spring. Try-outs are conducted in the spring.
A physical exam and personal or school insurance are required for all athletes competing in any sport.

Athletics 8th

Course Key: **ATH8** Length: YR Course Type: Regular
Service ID: 03823000 Grades: 8

This is a full-year course for athletes who are participating in UIL sports. Practices will start before school or after school during the season. This course involves accelerated competition with other schools for football, volleyball, basketball, track, soccer and cross country. Cross country is offered only in the fall as a before or after school event. Athletes who compete only in track or basketball will not be allowed to enroll into the class until the second semester. During the second semester all athletes will go through a strenuous off- season program featuring weight lifting, running, and agility drills. They will then practice their sport before or after school. There may also be a selected number of days dedicated to track and field preparation at the early phase of track season and a selected number of days dedicated to football skills during the last two weeks of the semester. There is a required dress code; these items are required to be purchased.

Tennis is offered as an additional athletic class with before and after school practices. Tennis is a competitive program participating in dual matches and tournaments throughout the fall and spring. Try-outs are conducted in the spring. A physical exam and personal or school insurance are required for all athletes competing in any sport.

Health 1 HS

Course Key: **HLTHJ** Length: SHS Course Type: High School Credit Course Weight: Core
Service ID: 03810100 Grades: 8-9 Counted in Rank GPA: No Credits: 0.50

HIGH SCHOOL CREDIT

In health education, students acquire the health information and skills necessary to become healthy adults and learn about behaviors in which they should and should not participate. To achieve that goal, students will understand the following: students should first seek guidance in the area of health from their parents; personal behaviors can increase or reduce health risks throughout the lifespan; health is influenced by a variety of factors; students can recognize and utilize health information and products; and personal/interpersonal skills are needed to promote individual, family, and community health.

Kickstart Karate 1

Course Key: **KS1** Length: YR Course Type: Regular
Service ID: 02850000 Grades: 6-8

Kickstart uses karate to teach character building values to students in public schools. The goal is to positively influence the whole child for the life of the child and help create safer, healthier, and more productive communities.

This PE substitution is currently only offered at Tippit Middle School.

Kickstart Karate 2

Course Key: **KS2** Length: YR Course Type: Regular
Service ID: 03823000 Grades: 7-8

See Kickstart Karate 1
This PE substitution is currently only offered at Tippit Middle School.

Kickstart Karate 3

Course Key: **KS3** Length: YR Course Type: Regular
Service ID: 03823000 Grades: 8

See Kickstart Karate 1
This PE substitution is currently only offered at Tippit Middle School.

PE/Health 6th

Course Key: **PE6** Length: YR Course Type: Regular
Service ID: 02850000 Grades: 6

In grade 6 physical education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the life span. Students understand in greater detail the function of the body, learn to measure their own performance more accurately, and develop plans for improvement. They learn to use technology such as heart rate monitors to assist in measuring and monitoring their own performance. Identifying the types of activities that provide them with enjoyment and challenge and that will encourage them to be physically active throughout life is reinforced during instruction in these grades. Students must participate in at least 30 minutes of moderate to vigorous daily physical activity for at least four semesters.

PE/Health 6th Pre-Athletics

Course Key: **PE6A** Length: YR Course Type: Regular
Service ID: 02850000 Grades: 6

The pre-athletics class will incorporate a variety of activities that will help to develop the overall student-athlete. Athletes who participate in this course will be asked to suit out each day ($30.00 fee), participate in all activities and work at a vigorous level. Each week, students will be given specific training in the following: speed and endurance, agility, explosive movement, weight training, and sport-specific skills. Athletes will rotate day to day between several activities.

PE/Health 7th

Course Key: **PE7** Length: YR Course Type: Regular
Service ID: 03823000 Grades: 7

In grade 7 physical education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. Students apply similar concepts from one sport or movement setting to another. Students can observe another individual's performance and notice key elements for success. At this grade level, students participate in physical activity both in and out of school while maintaining a healthy level of fitness as their bodies grow and change. Their knowledge of safety and the ability to manage their own behavior is reinforced. Instruction is directed more toward encouraging the incorporation of physical activity into a daily routine and less toward fundamental skill development. Students must participate in at least 30 minutes of moderate to vigorous daily physical activity for at least four semesters.

PE/Health 8th

Course Key: **PE8** Length: YR Course Type: Regular
Service ID: 03823000 Grades: 8

In grade 8 physical education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. Although the acquisition of physical fitness and skill development is important, the emphasis is placed more on participation for enjoyment and challenge, both in and out of school. Understanding the need to remain physically active throughout life by participating in enjoyable lifetime activities is the basis for eighth-grade instruction. Students must participate in at least 30 minutes of moderate to vigorous daily physical activity for at least four semesters.

Tennis 7th

Course Key: **TEN7** Length: YR Course Type: Regular
Service ID: 03823000 Grades: 7

Tennis is offered through a partnership with the City of Georgetown Recreation Center as a PE substitution subject to student interest and instructor availability.

Tennis 8th

Course Key: **TEN8** Length: YR Course Type: Regular
Service ID: 03823000 Grades: 8

Tennis is offered through a partnership with the City of Georgetown Recreation Center as a PE substitution subject to student interest and instructor availability.

VI. Fine Arts

Art 1 Middle School

Course Key: **ARTM1** Length: YR Course Type: Regular
Service ID: 03154110 Grades: 6-8

Activities in the TEKS-based Art curriculum will be centered on exploring the elements of art and principles of design in selected projects which may include drawing, design, painting, ceramics, mask-making and three-dimensional projects. A variety of mediums will be used to create 2- and 3- dimensional artwork.

Art 2 Middle School

Course Key: **ARTM2** Length: YR Course Type: Regular
Service ID: 03154210 Grades: 7-8

Students will further explore the elements of art and principles of design, as presented in Art I. Students will be encouraged and expected to display a higher degree of initiative and creativity in the production of all work, regardless of chosen medium, whether it be ceramics, painting, drawing, cartooning, or computer art. Students may, at times, complete independent projects with a teacher- approved goal in mind.

Art 3 Middle School

Course Key: **ARTM3** Length: YR Course Type: Regular
Service ID: 03154310 Grades: 8

This course is a continuation of Art II and will further explore and develop the spiraling curriculum from Art II. Students will explore the elements of art and principles of design, as presented in Art II. Students will be encouraged and expected to display a higher degree of initiative and creativity in the production of all work, regardless of chosen medium, whether it be ceramics, painting, drawing, cartooning, or computer art. Students may, at times, complete independent projects with a teacher approved goal in mind.

Band 1 Middle School

Course Key: **BANDM1** Length: YR Course Type: Regular
Service ID: 03154130 Grades: 6-8

The band program begins in Georgetown ISD in the sixth grade with classroom instruction on each of the basic band instruments. Although it is highly recommended that students begin band in the sixth grade, under certain circumstances seventh and eighth graders will be allowed to enter beginning band if the student receives director approval. The instructors are eager for each student to get the best possible start as a musician and a band member. The sixth grade band performs in concerts and at local competitions and there may be a few outside class rehearsals.

Sixth grade is the best opportunity to enroll in entry level band. No previous band/music experience is necessary. All students interested in band should attend the spring instrument selection night. Students are screened at this event to find the most appropriate instrument for them depending on size, physical characteristics, aptitude and balanced instrumentation, Instruments may be obtained from local music stores which offer quality instruments to beginner students in affordable "rent to own" programs. Some more expensive instruments are rented through the school such as the French horn, bassoon, oboe, tuba, and euphonium. If a student is in need, there are school owned instruments available for a minimal fee. Please contact a director before purchasing an instrument.

Band 2 Middle School

Course Key: **BANDM2** Length: YR Course Type: Regular
Service ID: 03154230 Grades: 7-8

Band II is a student's second year in Band. This is a student who has developed a solid understanding of the basic fundamentals of band and their instrument. A student in Band II will audition for placement in a performance ensemble toward the end of the previous school year. Students in performance ensembles may be required to attend morning and/or afternoon rehearsals, after school technique classes, and should be in the process of developing correct and consistent individual practice habits. Members of performance ensembles will also participate in UIL Evaluation (Concert and Sight Reading), solo and ensemble competition, and other extracurricular performances and events.

Band 3 Middle School

Course Key: **BANDM3** Length: YR Course Type: Regular
Service ID: 03154330 Grades: 8

Band III is a student's third year in Band. This is a student who has developed a solid understanding of the intermediate to advanced fundamentals of individual and ensemble performance, as well as their instrument. A student in Band III will audition for placement in a performance ensemble toward the end of the previous school year. Students in performance ensembles may be required to attend morning and/or afternoon rehearsals, after school technique classes, and should be in the process of developing correct and consistent individual practice habits. Members of performance ensembles will also participate in UIL Evaluation (Concert and Sight Reading), solo and ensemble competition, and other extracurricular performances and events.

Choir 1 Middle School

Course Key: **CHO1** Length: YR Course Type: Regular
Service ID: 03154131 Grades: 6-8

Choir I is a student's first year in Choir. This is a full year course designed to introduce students to the technical activities and studies needed for individual and group vocal production. Vocal techniques, vocal development, sight reading, music terminology, and the development of music self-expression are emphasized. Choir I will perform publicly several times, which includes fall and winter concerts, as well as other opportunities to perform throughout the year. At the end of the year in Choir I, students who wish to continue in Choir may audition for a place in a performance ensemble.

Choir 2 Middle School

Course Key: **CHO2** Length: YR Course Type: Regular
Service ID: 03154231 Grades: 7-8

Choir II is a student's second year in Choir. This is a student who has developed a solid understanding of the basic fundamentals of vocal performance. A student in Choir II will audition for placement in a performance ensemble toward the end of the previous school year. These performance ensembles may be gender specific or a mixed group of boys and girls based on program requirements, student numbers, and other considerations. Students in performance ensembles may be required to attend morning and/or afternoon rehearsals, after school technique classes, and should be in the process of developing correct and consistent individual practice habits. Members of performance ensembles will also participate in UIL Evaluation (Concert and Sight Reading), solo and ensemble competition, and other extracurricular performances and events.

Choir 3 Middle School

Course Key: **CHO3** Length: YR Course Type: Regular
Service ID: 03154331 Grades: 8

Choir III is a student's third year in Choir. This is a student who has developed a solid understanding of the intermediate to advanced fundamentals of vocal performance. A student in Choir III will audition for placement in a performance ensemble toward the end of the previous school year. These performance ensembles may be gender specific or a mixed group of boys and girls based on program requirements, student numbers, and other considerations. Students in performance ensembles may be required to attend morning and/or afternoon rehearsals, after school technique classes, and should be in the process of developing correct and consistent individual practice habits. Members of performance ensembles will also participate in UIL Evaluation (Concert and Sight Reading), solo and ensemble competition, and other extracurricular performances and events.

Dance 1 Middle School

Course Key: **DANCEMS1** Length: YR Course Type: Regular
Service ID: 03154120 Grades: 6-8

Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of their heritage and traditions and those of others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Dance 2 Middle School

Course Key: **DANCEMS2** Length: YR Course Type: Regular
Service ID: 03154220 Grades: 7-8

Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness. Students recognize dance as a vehicle for understanding historical and cultural relevance, increasing an awareness of their heritage and traditions and those of others, and enabling them to participate in a diverse society. Evaluating and analyzing dance allows students to strengthen decision-making skills, develop critical and creative thinking, and develop artistic creative processes. Students continue to explore technology and its application to dance and movement, enabling them to make informed decisions about dance.

Orchestra 1 Middle School

Course Key: **ORCHM1** Length: YR Course Type: Regular
Service ID: 03154132 Grades: 6-8

Orchestra I is a student's first year in Orchestra at the middle school level. This class is open for any student who wishes to learn the violin, viola, cello, or string bass. Students who have previous string experience are encouraged to join the class. Experienced players will be given skill-appropriate materials and may be given the opportunity to audition for placement in a performance ensemble. Students in Orchestra I will have performance opportunities throughout the school year, both at school and in the community. Orchestra is a yearlong course.

Orchestra 2 Middle School

Course Key: **ORCHM2** Length: YR Course Type: Regular
Service ID: 03154232 Grades: 7-8

Orchestra II is a student's second year in Orchestra. This is a student who has developed a solid understanding of the basic fundamentals of Orchestra and their instrument. A student in Orchestra II will audition for placement in a performance ensemble toward the end of the previous school year. Students in performance ensembles may be required to attend morning and/or afternoon rehearsals, after school technique classes, and should be in the process of developing correct and consistent individual practice habits. Members of performance ensembles will also participate in UIL Evaluation (Concert and Sight Reading), solo and ensemble competition, and other extracurricular performances and events.

Orchestra 3 Middle School

Course Key: **ORCHM3** Length: YR Course Type: Regular
Service ID: 03154332 Grades: 8

This course is a continuation of Orchestra II at a higher level of the spiraling fine arts curriculum. Orchestra III is for students who have completed one year or more of string study. The orchestra performs at many school and community events and takes part in UIL and other contests. Ensemble playing, technique development, and music reading skills are taught. Students are also encouraged to take private lessons and to join community ensembles designed for their level of expertise. Students will be placed into a particular orchestra class based upon audition, instrumentation needs and level of accomplishment in Orchestra II.

Theatre 1 Middle School

Course Key: **THTM1** Length: YR Course Type: Regular
Service ID: 03154140 Grades: 6-8

During this course, students will read and use a play to learn about all aspects of drama, in preparation for producing a play. Students may have the opportunity to sew, write, perform monologues, pantomime, improvise, build scenery models, build props, write, perform songs, design and apply makeup.

Theatre 2 Middle School

Course Key: **THTM2** Length: YR Course Type: Regular
Service ID: 03154240 Grades: 7-8

Theatre II is a student's second year in Theatre. Students will continue to strengthen the skills acquired in Theatre I and increase performance opportunities. A student in Theatre II will have the opportunity to audition for a performance ensemble at the end of the previous school year. Students enrolled in Theatre performance ensembles may be required to attend before or after school rehearsals and perform at various school and community events.

Theatre 3 Middle School

Course Key: **THTM3** Length: YR Course Type: Regular
Service ID: 03154340 Grades: 8

Theatre III is a student's third year in Theatre. Students will continue to strengthen the skills acquired in Theatre II, increase the number and variety of performance, and compose original works to be performed by self and others. A student in Theatre III will have the opportunity to audition for a performance ensemble at the end of the previous school year. Students enrolled in Theatre performance ensembles may be required to attend before or after school rehearsals and perform at various school and community events.

VII. Other Electives

Aide Office/Library 6th

Course Key: **AIDE6** Length: YR Course Type: Local Credit
Service ID: 85000OAD Grades: 6

Aide Office/Library 6

Aide Office/Library 7th

Course Key: **AIDE7** Length: YR Course Type: Local Credit
Service ID: 85000OAD Grades: 7

Aide Office/Library 7

Aide Office/Library 8th

Course Key: **AIDE8** Length: YR Course Type: Local Credit
Service ID: 85000OAD Grades: 8

Aide Office/Library 8

College & Career Readiness 8th

Course Key: **CCR8** Length: SM Course Type: Regular
Service ID: 12700300 Grades: 8

The career development process is unique to every person and evolves throughout one's life. Students will use decision-making and problem-solving skills for college and career planning. Students will explore valid, reliable educational and career information to learn more about themselves and their interests and abilities. Students integrate skills from academic subjects, information technology, and interpersonal communication to make informed decisions. This course is designed to guide students through the process of investigation and in the development of a college and career readiness achievement plan. Students will use interest inventory software or other tools available to explore college and career areas of personal interest. Students will use this information to explore educational requirements for various colleges and a variety of chosen career paths.

Comp Sci Fundamentals HS

Course Key: **CSCIFJ** Length: YHS Course Type: High School Credit Course Weight: Core
Service ID: 03580140 Grades: 8-9 Counted in Rank GPA: No Credits: 1.00

HIGH SCHOOL CREDIT
FUNDAMENTALS OF COMPUTER SCIENCE

Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts.

CT Gateway Technology DM/AR HS

Course Key: **CTGTT1J** Length: YHS Course Type: High School Credit Course Weight: Core
Service ID: N1303756 Grades: 7-8 Counted in Rank GPA: No Credits: 0.50

GATEWAY TO TECHNOLOGY - DESIGN & MODELING/AUTOMATION & ROBOTS
HIGH SCHOOL CREDIT - PROJECT LEAD THE WAY

Prerequisite: None.

Gateway to Technology courses are year long and may be taken in any order.

Gateway to Technology DM/AR students are provided opportunities to investigate problems and apply a problem-solving or design process to creatively identify solutions. Students are introduced to problems and are asked to make connections throughout the lessons. Students learn and use methods for communicating design ideas through sketches, solid models, mathematical, and computerized models. Students work in teams to identify design requirements, research the topic, and engage stakeholders.

Unit 1: Design and Modeling: Students design a toy or game for a child with cerebral palsy, fabricate and test it, and make necessary modifications to optimize their design solution.

Unit 2: Automation and Robotics: Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer-control systems. Students use robotics to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

CT Gateway Technology MD/FS HS

Course Key: **CTGTT2J** Length: YHS Course Type: High School Credit Course Weight: Core
Service ID: N1303757 Grades: 7-8 Counted in Rank GPA: No Credits: 0.50

GATEWAY TO TECHNOLOGY - MEDICAL DETECTIVES/FLIGHT & SPACE
HIGH SCHOOL CREDIT - PROJECT LEAD THE WAY

Prerequisite: None.

Gateway to Technology courses are year long and may be taken in any order.

Gateway to Technology MD/FS students are provided opportunities to investigate problems and apply a problem-solving or design process to creatively identify solutions. Students are introduced to problems and are asked to make connections throughout the lessons. Students learn and use methods for communicating design ideas through sketches, solid models, mathematical, and computerized models. Students work in teams to identify design requirements, research the topic, and engage stakeholders.

Unit 1: Medical Detectives: Students play the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a "crime scene." They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health.

Unit 2: Flight and Space: The exciting world of aerospace comes alive through Flight and Space. Students explore the science behind aeronautics and use their knowledge to design, build, and test an airfoil. Custom-built simulation software allows students to experience space travel.

CT Investigating Careers

Course Key: **CTINVC** Length: YR Course Type: Regular
Service ID: 12700400 Grades: 7-8

The goal of this course is to create a foundation for success in high school, future studies, and careers such as Science, Technology, Engineering, and Mathematics; Business and Industry; Public Service; Arts and Humanities; and Multidisciplinary Studies. The students research labor market information, learn job-seeking skills, and create documents required for employment.

English As A Second Lang 1 6th

Course Key: **ESL16** Length: YR Course Type: Regular
Service ID: 03210530 Grades: 6

English As A Second Language LEVEL 1 - 6th GRADE
Recommended: Beginners / Newcomers (very limited English)

Students are placed in the appropriate ESL elective by the LPAC Committee based on the student's level of English proficiency (newcomer/beginning). This course develops an understanding of basic core vocabulary, expressions, and American customs. Emphasis is placed on English language acquisition through participation in numerous and varied language and cultural experiences in addition to direct, formal teaching of skills and structures in English. Students will gain competence in listening, speaking, reading, and writing.

English As A Second Lang 1 7th

Course Key: **ESL17** Length: YR Course Type: Regular
Service ID: 03200400 Grades: 7

English As A Second Language LEVEL 1 - 7th GRADE
Recommended: Beginners / Newcomers (very limited English)

Students are placed in the appropriate ESL elective by the LPAC Committee based on the student's level of English proficiency (newcomer/beginning). This course develops an understanding of basic core vocabulary, expressions, and American customs. Emphasis is placed on English language acquisition through participation in numerous and varied language and cultural experiences in addition to direct, formal teaching of skills and structures in English. Students will gain competence in listening, speaking, reading, and writing.

English as a Second Lang 1 8th

Course Key: **ESL18** Length: YR Course Type: Regular
Service ID: 03200500 Grades: 8

English As A Second Language LEVEL 1 8th GRADE
Recommended: Beginners / Newcomers (very limited English)

Students are placed in the appropriate ESL elective by the LPAC Committee based on the student's level of English proficiency (newcomer/beginning). This course develops an understanding of basic core vocabulary, expressions, and American customs. Emphasis is placed on English language acquisition through participation in numerous and varied language and cultural experiences in addition to direct, formal teaching of skills and structures in English. Students will gain competence in listening, speaking, reading, and writing.

English As A Second Lang 2 6th

Course Key: **ESL26** Length: YR Course Type: Regular
Service ID: 03210530 Grades: 6

English As A Second Language LEVEL 2 - 6th GRADE
Recommended: Early Intermediate (limited basic English skills)

Students are placed in the appropriate ESL elective by the LPAC Committee based on the student's level of English proficiency (early intermediate). This course develops an understanding of basic core vocabulary, expressions, and American customs. Emphasis is placed on English language acquisition through participation in numerous and varied language and cultural experiences in addition to direct, formal teaching of skills and structures in English. Students will gain competence in listening, speaking, reading, and writing.

English As A Second Lang 2 7th

Course Key: **ESL27** Length: YR Course Type: Regular
Service ID: 03200400 Grades: 7

English As A Second Language LEVEL 2 - 7th GRADE
Recommended: Early Intermediate (limited basic English skills)

Students are placed in the appropriate ESL elective by the LPAC Committee based on the student's level of English proficiency (early intermediate). This course develops an understanding of basic core vocabulary, expressions, and American customs. Emphasis is placed on English language acquisition through participation in numerous and varied language and cultural experiences in addition to direct, formal teaching of skills and structures in English. Students will gain competence in listening, speaking, reading, and writing.

English As A Second Lang 2 8th

Course Key: **ESL28** Length: YR Course Type: Regular
Service ID: 03200500 Grades: 8

English As A Second Language LEVEL 2 - 8th GRADE
Recommended: Early Intermediate (limited basic English skills)

Students are placed in the appropriate ESL elective by the LPAC Committee based on the student's level of English proficiency (early intermediate). This course develops an understanding of basic core vocabulary, expressions, and American customs. Emphasis is placed on English language acquisition through participation in numerous and varied language and

cultural experiences in addition to direct, formal teaching of skills and structures in English. Students will gain competence in listening, speaking, reading, and writing.

Instructional Tech Apps

Course Key: **ITA** Length: SM Course Type: Regular
Service ID: 84700ITA Grades: 7-8

Students explore various uses for technology learning tools in order to enhance technology integration into the academic experience. Through project-based learning, students will design, create, produce and present multi-media products using instructional technology applications and programs, with specific focus on current content area integration. Students will progress though the Bloom's Digital Taxonomy as they develop Higher Order Thinking Skills in discovering innovative application of digital media and programming.

Media Publications 1

Course Key: **MPUB1** Length: YR Course Type: Local Credit
Service ID: 84000YB7 Grades: 7-8

Students learn various aspects of design and production as it relates to yearbook. Students will be responsible for a number of pages and the respective layouts of those pages. This may include collecting and taking photographs, conducting interviews writing captions and stories, meeting deadlines and editing pages. Students will also participate in developing other media publications, such as a campus newsletter, e-news, and campus announcement productions. Various media experiences and tasks will be included. Class work time may be required outside of the regular school day.

Media Publications 2

Course Key: **MPUB2** Length: YR Course Type: Local Credit
Service ID: 84000TB8 Grades: 8

Students learn various aspects of design and production as it relates to yearbook. Students will be responsible for a number of pages and the respective layouts of those pages. This may include collecting and taking photographs, conducting interviews writing captions and stories, meeting deadlines and editing pages. Students will also participate in developing other media publications, such as a campus newsletter, e-news, and campus announcement productions. Various media experiences and tasks will be included. Class work time may be required outside of the regular school day.

Personalized Learning Path 6th

Course Key: **PLP6** Length: YR Course Type: Local Credit
Service ID: 82900PL6 Grades: 6

The class emphasizes the development of attributes of the learner profile for students. As such, the course will be interdisciplinary, allowing for directed and independent study across content areas. Through the course content, the students will develop the lifelong skills present in the learner profile and will have the opportunity to develop research, writing, and presentation skills.

Personalized Learning Path 7th

Course Key: **PLP7** Length: YR Course Type: Local Credit
Service ID: 82990PL7 Grades: 7

The class emphasizes the development of attributes of the learner profile for students. As such, the course will be interdisciplinary, allowing for directed and independent study across content areas. Through the course content, the students will develop the lifelong skills present in the learner profile and will have the opportunity to develop research, writing, and presentation skills.

Personalized Learning Path 8th

Course Key: **PLP8** Length: YR Course Type: Local Credit
Service ID: 83800PL8 Grades: 8

The class emphasizes the development of attributes of the learner profile for students. As such, the course will be interdisciplinary, allowing for directed and independent study across content areas. Through the course content, the students will develop the lifelong skills present in the learner profile and will have the opportunity to develop research, writing, and presentation skills.

Spanish 2 HS Advanced

Course Key: **SPA2JH** Length: YHS Course Type: High School Credit/Honor Course Weight: Advanced
Service ID: 03440200 Grades: 8-9 Counted in Rank GPA: Yes Credits: 1.00

HIGH SCHOOL CREDIT
Prerequisite(s): Credit in Level I

This course will enable students to further explore the five C's (communication, culture, connections, comparisons, and communities), completing the novice level of proficiency. Students will continue to work on their interpersonal, interpretive, and presentation skills in order to effectively communicate with others. This course aims to provide students with a well-rounded exploration and foundation of their respective target language.

Spanish 2 Speakers HS Advanced

Course Key: **SPA2SJH** Length: YHS Course Type: High School Credit/Honor Course Weight: Advanced
Service ID: 03440220 Grades: 6-8 Counted in Rank GPA: Yes Credits: 1.00

HIGH SCHOOL CREDIT
Prerequisite(s): Participation in elementary Dual Language Program (Dual Language department approval)

This course is designed for former DL students who elect to continue their Spanish language and literacy skills in middle school.
This course follows the same TEKS as Spanish 2 Advanced in high school.

Spanish 3 HS Advanced

Course Key: **SPA3JH** Length: YHS Course Type: High School Credit/Honor Course Weight: Advanced
Service ID: 03440300 Grades: 8-9 Counted in Rank GPA: Yes Credits: 1.00

HIGH SCHOOL CREDIT
Prerequisite(s): Credit in Levels I and II

This course will primarily focus on strengthening students' interpersonal, interpretive, and presentation skills. This course will stress students' abilities to effectively utilize different forms of communication. Students will be provided opportunities to practice their real world survival skills both in and outside of the classroom. This course will contain a component of AP curriculum and AP-style tasks in an attempt to prepare students for their respective AP Language and Culture exam. In an attempt to further prepare students for their respective AP language exam, a higher amount of the target language will be spoken by the course instructor.

Spanish 3 Speakers HS Advanced

Course Key: **SPA3SJH** Length: YHS Course Type: High School Credit/Honor Course Weight: Advanced
Service ID: 03440330 Grades: 6-8 Counted in Rank GPA: Yes Credits: 1.00

HIGH SCHOOL CREDIT
Prerequisite(s): Spanish 2, AAPL placement, participation in elementary dual language program
(Dual Language department approval)

This course is designed for former dual language students who elect to continue their Spanish language and literacy skills in middle school. This course follows the same TEKS as Spanish 3 Advanced in high school.

Spanish 1 HS

Course Key: **SPAN1J** Length: YHS Course Type: High School Credit Course Weight: Core
Service ID: 03440100 Grades: 8-9 Counted in Rank GPA: Yes Credits: 1.00

HIGH SCHOOL CREDIT
Prerequisite(s): None

This course provides an introduction to the five Cs: communication (speaking, listening, reading, writing); culture (understanding the people, practices, products and perspectives); connections (with other subject areas); comparisons (one's own culture and language with another); and communities (using language beyond the school setting for personal and career development). Students will begin practicing their interpersonal, interpretive, and presentation communication skills in their target language.

Teen Leadership HS

Course Key:	**TEENJ**	Length:	SHS	Course Type:	High School Credit	Course Weight:	Core
Service ID:	N1290012	Grades:	7-8	Counted in Rank GPA:	No	Credits:	0.50

HIGH SCHOOL CREDIT

Teen Leadership is a semester course that teaches key concepts and skills essential for attaining maximum success. Students learn how to achieve personal goals, and develop a positive attitude and self-concept, along with peer pressure resistance and positive work ethic. Effective communication skills needed in professional and personal settings are taught and practiced throughout the course. Students learn social skills that are necessary to develop healthy personal and professional relationships and friendships which incorporate support and trust. Teen Leadership students will understand the value of integrity, the need for positive leadership, and will learn how to be pro-active leaders.