

# LOCKHART INDEPENDENT SCHOOL DISTRICT 2022-2023

## Secondary Course Catalog



Lockhart Independent School District

2022-2023 Secondary Course Guide



# **LOCKHART INDEPENDENT SCHOOL DISTRICT**

## **BUILDING A LEGACY OF EXCELLENCE**

### **LOCKHART ISD MISSION**

The mission of the Lockhart Independent School District is to graduate all of its students as citizens who are educated, productive, and self-fulfilling lifelong learners. The school district's community, parents, trustees, staff and students will provide a safe, caring, and challenging learning environment in which all students develop to their fullest potential.

La misión del Distrito Escolar Independiente de Lockhart es graduar a todos sus estudiantes como ciudadanos educados, productivos y estudiosos de por vida. La comunidad del distrito escolar, los padres, fideicomisarios, empleados y estudiantes proveerán un ambiente seguro, cariñoso y lleno de retos en el cual todos los estudiantes se desarrollan a su más alto potencial.

### **LOCKHART ISD BOARD OF TRUSTEES**

Michael Wright/ President  
Warren Burnett/ Vice President  
Tom Guyton/ Secretary  
Dr. Barbara Sanchez  
Sam Lockhart  
Rene Rayos  
Rebecca Pulliam

### **SUPERINTENDENT OF SCHOOLS**

Mark Estrada

*This year's cover designed by LHS Senior Anna Rivera*

# Table of Contents

Table of Contents	3
<b>Leadership Contact Information</b>	<b>6</b>
<b>Lockhart ISD Values</b>	<b>7</b>
<b>Secondary School Information</b>	<b>8</b>
LOCKHART JUNIOR HIGH SCHOOL	10
In order to support our Lockhart Lions in making their future endorsement and programs of study pathway choices, students will use Xello activities and results to create their plan. Parents are welcomed and encouraged to review and discuss their student's Xello activities to help their students choose the course of study that aligns with their individual future goals.	10
LOCKHART HIGH SCHOOL	10
PRIDE HIGH SCHOOL	10
<b>Graduation Requirements</b>	<b>11</b>
End of Course Assessment (EOC)	11
Performance Acknowledgements	12
Early Graduation	12
Credit by Exam (CBE)	12
Out-of-State Transfers	12
Credit Recovery	12
<b>College, Career, Military Readiness (CCMR)</b>	<b>13</b>
TEA's Division of College, Career, and Military Preparation (CCMP)	13
Personal Graduation Plan	14
CCMR Indicators	14
Endorsements	15
Arts and Humanities Endorsement	16
Fine Arts	16
Humanities	16
Business and Industry Endorsement	16
Air Force Junior Reserve Officer Training Corps (AFJROTC)	16
Agriculture, Food, and Natural Resources	16
Construction and Architecture	16
Business, Marketing, and Finance	16
English Language Arts	16
Hospitality and Tourism	16
Transportation, Distribution, and Logistics	16
Public Services Endorsement	16
Education and Training	16
Health Science	16
Law and Public Services	16
Science, Technology, Engineering, and Mathematics Endorsement	16
Science, Technology, Engineering, and Mathematics	16
Arts, Audio Visual Technology, and Communications	16
Earn Advanced Course Credit	17
Advanced Placement (AP) Courses	17

Dual Enrollment (UT OnRAMPS)	17
Articulated Credit Courses	17
Dual Credit (Austin Community College)	17
Scheduling Process and Changes	18
<b>Public Notification of Nondiscrimination in Career and Technical Education Programs</b>	<b>19</b>
<b>Notificación Pública de No Discriminación en Programas de Educación Técnica y Vocacional</b>	<b>19</b>
<b>SECONDARY COURSE DESCRIPTIONS:</b>	<b>20</b>
<b>LOCKHART JUNIOR HIGH SCHOOL</b>	<b>20</b>
English Language Arts and Reading (ELAR)	21
ELAR Electives	22
Mathematics	22
Science	23
Social Studies	24
Languages Other than English (LOTE)	25
Career & Technical Education (CTE)	26
Fine Arts	27
General Electives	31
Health, Physical Education (PE), and Athletics	31
<b>LOCKHART HIGH SCHOOL</b>	<b>33</b>
English Language Arts and Reading	34
English Electives	36
Mathematics	37
Science	39
Social Studies	41
Social Studies Electives	43
Languages Other than English (LOTE)	44
Air Force Junior Reserve Officer Training Corps (AFJROTC)	47
Career & Technical Education (CTE)	48
Agriculture, Food, and Natural Resources	48
Animal Science	48
Plant Science	48
Applied Agriculture Engineering	48
Science, Technology, Engineering, and Mathematics (STEM)	50
Cybersecurity	50
Engineering	50
Arts, Audio Visual Technology, and Communications	51
Digital Communications	51
Design and Multimedia Arts: Yearbook	51
Design and Multimedia Arts: Journalism	51
Business, Marketing, and Finance	53
Accounting and Finance	53
Marketing and Sales	53
Business Management	53
Hospitality and Tourism	54
Culinary Arts	54

Transportation, Distribution, and Logistics	55
Automotive Services	55
Education and Training	56
Teaching and Training	56
Associates in Arts in Teaching (AAT) Focus	56
Health Science	57
Diagnostics	57
Therapeutics	57
Exercise Science and Wellness	58
Law and Public Services	59
Emergency Services	59
Law Enforcement	59
Construction and Architecture	60
Construction Management	60
CTE Electives	61
Fine Arts	61
Physical Education	66
Athletics	67

## Leadership Contact Information

Lockhart ISD Central Office Administration		512-398-0000
<b>Superintendent</b> Deputy Superintendent Assistant Superintendent Assistant Superintendent Executive Director: Communications and Community Services Director of Curriculum and Instruction Director of Bilingual/ESL Director of Special Services Career and Technical Education Coordinator Accountability Coordinator Director of Digital Learning Coordinator of Special Programs	<b>Mark Estrada</b> Kimberly Raymond Dr. Stephaine Camarillo Adam Galvan Christina Courson  Faith Pope Cynthia Vasquez Melissa Corona Melissa Royer Todd McBride Juan Orozco Beth Hendrichs	<b>mark.estrada@lockhart.txed.net</b> kimberly.raymond@lockhart.txed.net stephaine.camarillo@lockhart.txed.net adam.galvan@lockhart.txed.net christina.courson@lockhart.txed.net  faith.pope@lockhart.txed.net cynthia.vasquez@lockhart.txed.net melissa.corona@lockhart.txed.net melissa.royer@lockhart.txed.net todd.mcbride@lockhart.txed.net juan.orozco@lockhart.txed.net beth.henrichs@lockhart.txed.net
Lockhart Junior High School Administration		512-398-0770
<b>Principal</b> Associate Principal Assistant Principal Assistant Principal Assistant Principal Counselor Counselor Counselor	<b>Edgar Torres</b> Dana Sidle Cristina Vazquez Chess Long Jennifer Mendez Georgie Gomillion Amy Burnes Colette Ruppert	<b>edgar.torres@lockhart.txed.net</b> dana.sidle@lockhart.txed.net cristina.vazquez@lockhart.txed.net chess.long@lockhart.txed.net jennifer.mendez@lockhart.txed.net georgie.gomillion@lockhart.txed.net amy.burnes@lockhart.txed.net colette.ruppert@lockhart.txed.net
Lockhart High School Administration		512-398-0300
<b>Principal</b> Associate Principal Assistant Principal Assistant Principal Assistant Principal Athletic Director Fine Arts Coordinator Lead Counselor Counselor Counselor CCMR Advisor CCMR Advisor CCMR Advisor GEAR UP Coordinator GEAR UP Coordinator GEAR UP Coordinator GEAR UP Coordinator	<b>Barry Bacom</b> Maria Lupita Narvaez Nancy Moore Tyson Williams Luis Sosa Todd Moebes  Margaret McBride Brady Honeycutt Laura Perry Erin Kelly Melody Duran Lucas Hidalgo Mary Perez Sam Marquez Nick Mercado Gerra Murray	<b>barry.bacom@lockhart.txed.net</b> maria.narvaez@lockhart.txed.net nancy.moore@lockhart.txed.net tyson.williams@lockhart.txed.net luis.sosa@lockhart.txed.net todd.moebes@lockhart.txed.net  margaret.mcbride@lockhart.txed.net brady.honeycutt@lockhart.txed.net laura.perry@lockhart.txed.net erin.kelly@lockhart.txed.net melody.duran@lockhart.txed.net jesus.hidalgo@lockhart.txed.net mary.perez@lockhart.txed.net samuel.marquez@lockhart.txed.net nicholas.mercado@lockhart.txed.net gerra.murray@lockhart.txed.net
PRIDE High School Administration		512-398-0130
<b>Principal</b> Counselor Counselor	<b>Ethan Peters</b> Dr. Angelita Paxton Julie Pierce	<b>ethan.peters@lockhart.txed.net</b> angelita.paxton@lockhart.txed.net julie.pierce@lockhart.txed.net

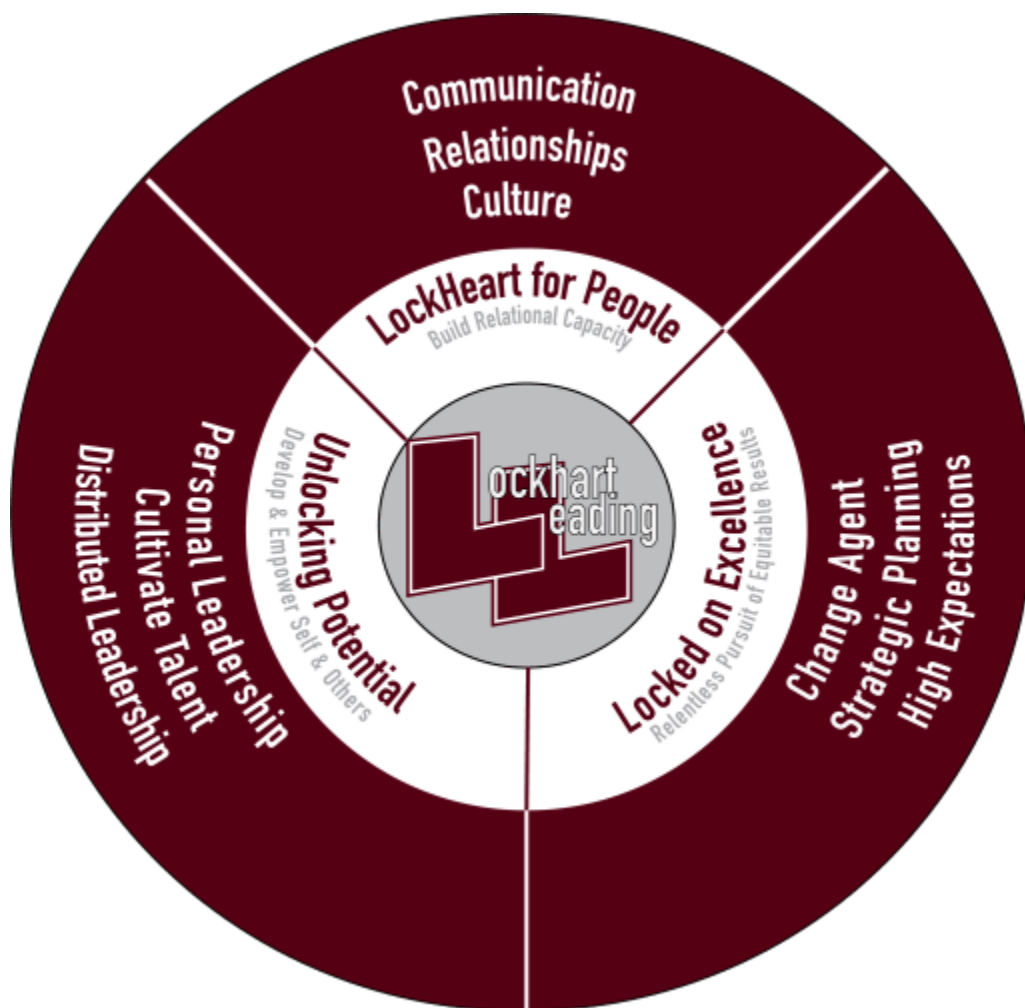
## Lockhart ISD Values

At Lockhart ISD, our district values are anchored by three core beliefs:

- We have a LockHeart for People. We know that when we take care of the people we serve, they are better able to take care of business.
- We are Locked on Excellence. This means we hold high expectations for ourselves and others in the relentless pursuit of excellent results.
- We are UnLocking Potential to develop ourselves and others, growing to our fullest potential.

We are a people-focused culture building a legacy of excellence.

This is who we are. This is #LockhartLeading.



# SECONDARY SCHOOL INFORMATION

## LOCKHART JUNIOR HIGH SCHOOL

Lockhart Junior High School (LJHS) offers a comprehensive curriculum in a seven-period daily schedule. Courses for high school credit are offered in Math, Languages other Than English, and Career and Technical Education (CTE).

8th graders will also develop their Personal Graduation Plan (PGP). Please see the College, Career, and Military Readiness section of this course guide on pages 11 and 12 for more information.

In order to support our Lockhart Lions in making their future endorsement and programs of study pathway choices, students will use Xello activities and results to create their plan. Parents are welcomed and encouraged to review and discuss their student's Xello activities to help their students choose the course of study that aligns with their individual future goals.

### Transitions

**5th grade students** are able to explore both the Lockhart Junior High campus, as well as the programs of study available at Lockhart High School. Students will also learn more about their individual interests and goals with their counselors, CTE teachers, and Xello, in order to choose the courses during their years with Lockhart Junior High School that most align with their individuality and future goals.

**8th grade students** are able to tour the programs available at Lockhart High Schools, as well as attend a College and Career Fair and CTE Program Showcase. Students will also participate in a career exploration course centered around the three endorsement areas CTE offers programs in.

## LOCKHART HIGH SCHOOL

Lockhart High School (LHS) offers a traditional, comprehensive curriculum in an eight-period rotating block schedule. Honors courses, articulated credit, dual credit, dual enrollment, and Advanced Placement (AP) courses are offered in English, Math, Social Studies, Languages other Than English, Career and Technical Education, Science, and Fine Arts.

Students are additionally able to participate in the Lockhart ISD Athletics program. Please reach out to a Lockhart ISD coach or administrator if you would like more information on how to participate.

## PRIDE HIGH SCHOOL

PRIDE High School (PHS) is LISD's Academic High School of Choice and has an application process for participation. PHS exists to serve students who have completed one year at Lockhart High School that prefer an alternative setting that focuses on individualized learning through an online curriculum delivered at a goal-driven pace blended with student-centered instruction.

- PHS is the ideal choice for students who:
- wish to accelerate their learning to graduate early
  - need to recover credits
  - want a smaller high school community
  - Are self-motivated and self-advocates

PHS offers a blended learning environment for the following courses:

- Algebra 1, Geometry, Algebra 2, Math Modeling, Pre- Calculus, and Algebraic Reasoning and Statistics.
- Biology, Chemistry, Physics, Environmental Science, and Earth and Space Science.
- English I- IV.
- World Geography, World History, US History, Government, and Economics.

Students who are interested in Career and Technical Education electives should discuss their goals with the PHS counselor to determine individual opportunities.

### Grade Level Classification

Students are classified according to the number and type of credits they have earned. In order to be promoted, students are required to meet the number of credits listed below and are required to have received credit in all four of their core classes for that particular school year.

<b>Grade 9</b>	<b>0-5 Credits</b>
<b>Grade 10</b>	<b>6-11 Credits</b>
<b>Grade 11</b>	<b>12- 18 Credits</b>
<b>Grade 12</b>	<b>19-26 Credits</b>

***Students or parents/guardians with additional questions about opportunities at any secondary campus should reach out to any Lockhart ISD counselor or administrator.***

# Graduation Requirements

Students at Lockhart High School should complete the required core and elective coursework to graduate prepared for their post-secondary goals.

All students are encouraged to graduate on the Distinguished Level of Achievement plan by graduating with Algebra II credit, as well as 4 credits in the same endorsement area, one of which is an advanced course.

*Please note: students must take Algebra II to be eligible for Top 10 percent automatic admission to most Texas public universities.*

The Foundation High School Program seal will be affixed to the Academic Achievement Record (AAR), or transcript, of students graduating under the Foundation Plan if they completed the endorsement, but do not have an AAAlgebra II credit.

The Texas Scholars program allows students who participate and graduate to be eligible for graduation honors and to compete for certain scholarships. Texas scholars who qualify for financial assistance become eligible for the Toward EXcellence, Access, and Success Grant Program (TEXAS Grant) passed by the Texas Legislature. This may provide all tuition and fees for public colleges and universities in Texas; however, grant funds are administered on a first-come, first-served basis. The Texas Scholars program requires students to graduate under the Foundation or Distinguished plan..

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); or
- Submit a signed opt-out form.

Visit the [Federal Student Aid](#) webpage to learn more, or to apply for aid. For more information regarding the TASFA, please visit the [Texas Application for State Financial Aid](#) webpage.

DISTINGUISHED LEVEL OF ACHIEVEMENT	
26 credits	
<b>English</b>	<b>4 credits</b>
Must include English I + English II + English III + and one advanced English course	
<b>Mathematics</b>	<b>4 credits</b>
Must include Algebra + Geometry + <b>Algebra II</b> + one advanced math course	
<b>Science</b>	<b>4 credits</b>
Must include Biology, Chemistry, Physics + one additional advanced science course	
<b>Social Studies</b>	<b>4 credits</b>
Must include World Geography + World History + United States History + US Government/Economics	
<b>Languages Other Than English</b>	<b>2 credits</b>
Must consist of two courses in the same language	
<b>Fine Arts</b>	<b>1 credit</b>
May include AP Art History I, Art I, Choir I, Dance II-IV, Drill Team, Band, Dual Credit Fine Arts with ACC, Floral Design, Music I-II Applied, Music and Media, AP Music Theory, Orchestra, Tech Theatre I, Theatre Arts Choir, Theatre Art or other applicable substitutions	
<b>Physical Education</b>	<b>1 credit</b>
May include Athletics, Cheerleading, Dance I, Drill Team, Marching Band, PE - Foundations of Personal Fitness, PE - Individual & Lifetime Sports, PE - Team Sports & Recreational Games, PE - Weight Training, PE Waiver	
<b>Electives</b>	<b>7 credits</b>
Credits must be selected from the list of eligible courses	

## End of Course Assessment (EOC)

In the 2011-2012 school year, the State of Texas Assessments of Academic Readiness (STAAR) End-of-Course (EOC) tests became a graduation requirement for students entering 9th grade and requires students to demonstrate content mastery in each of the four core areas as a graduation requirement for courses completed.

English I

English II

Algebra I

Biology

US History

## Individual Graduation Committee (IGC)

A student who has failed **no more than two (2)** end of course exams may receive a Texas high school diploma if the student has qualified to graduate based on the mastery of content the individual graduation committee (IGC) determines is appropriate.

## Performance Acknowledgements

Students will have an additional opportunity to graduate from Lockhart High School with one, or more, Performance Acknowledgements added to their high school transcripts. There are multiple opportunities to earn this designation, as seen in the chart below. Any individual questions regarding how a Performance Acknowledgements can be earned should be directed towards a counselor.

DUAL CREDIT	BILINGUALISM and BILITERACY	AP EXAMS	COLLEGE READINESS	CERTIFICATION
Earn a minimum of 12 hours (3.0 or higher GPA)	Complete all ELA requirements with 80 or higher grade average and Earn 3 LOTE credits with 80 average or Complete Level IV in LOTE with 80 average or Earn a 3 or higher on a LOTE AP exam and Meet exit criteria for the ESL program and Scored Advanced High on TELPAS	Earn an AP exam score of 3 or higher	ACT Composite of 28 or SAT Combined score of 1250 or PSAT/NMSQT Scholar	Obtain a recognized business or industry certification from TEA approved list

## Early Graduation

All early graduates will complete the requirements for high school graduation according to the graduation plans in place when they entered Lockhart High School. Students who are interested in graduating early are encouraged to contact an administrator or counselor from PRIDE High School to discuss individual graduation options.

Lockhart High School students who have been approved to graduate early will not have any senior privileges granted during the first semester. The student will have senior privileges during the second semester only if reclassified as a senior. The student can participate in the May graduation ceremony. If the student does not pass all EOCs, that student will not be considered a graduate. The student will return to school in the fall semester as a full-time student and be enrolled in EOC remediation classes.

## Credit by Exam (CBE)

Lockhart ISD permits secondary students to take CBEs for acceleration and remediation only through exams approved by the LISD School Board, from The University of Texas, or Texas Tech University and administered by Lockhart ISD. CBEs are available for acceleration for students who have had no prior instruction or for transfer credit from a non-accredited school. Students and parents/guardians should see counselors for additional information.

## Out-of-State Transfers

Transfer students from out of state must complete all graduation requirements to be eligible for a Texas diploma. Requirements not completed when enrolling in Lockhart High School may be satisfied by correspondence courses, credit by exam, accelerated learning, or completing the course. TEXAS EOC graduation requirements do not extend to credits previously earned in another state.

## Credit Recovery

Lockhart High School uses a computer-based, self-paced program for credit recovery. Counselors are able to provide additional information on credit recovery eligibility. A 'P' (pass) will be awarded to the student upon successful completion of the course. The student will not be granted grade points.

## Lockhart ISD Grade Point System

All high school credits, including high school credits earned while enrolled at Lockhart Junior High School, shall be included in the calculation of class rank, ***with the exception of: any pass/fail courses; local credit courses; noncredit courses; credit by examination; and credit recovery courses.***

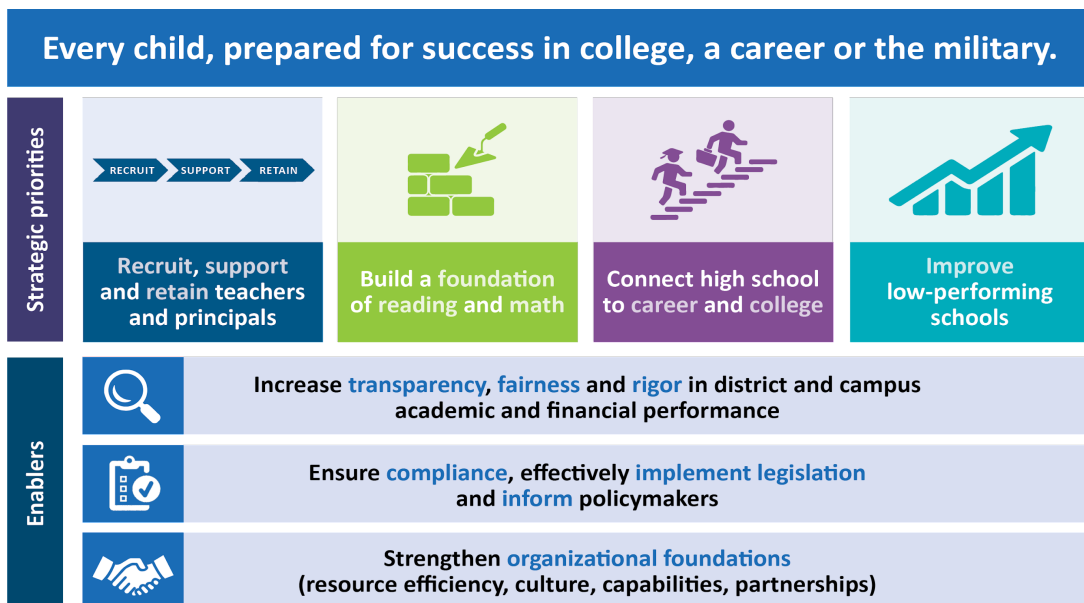
CLASS OF 2022 AND ABOVE GRADE POINTS			
Numerical Grade	Level 1: AP, Dual Credit, Dual Enrollment	Level 2: Honors	Level 3: Academic Courses
100	6.0	5.0	4.0
99	5.9	4.9	3.9
98	5.8	4.8	3.8
97	5.7	4.7	3.7
96	5.6	4.6	3.6
95	5.5	4.5	3.5
94	5.4	4.4	3.4
93	5.3	4.3	3.3
92	5.2	4.2	3.2
91	5.1	4.1	3.1
90	5.0	4.0	3.0
89	4.9	3.9	2.9
88	4.8	3.8	2.8
87	4.7	3.7	2.7
86	4.6	3.6	2.6
85	4.5	3.5	2.5
84	4.4	3.4	2.4
83	4.3	3.3	2.3
82	4.2	3.2	2.2
81	4.1	3.1	2.1
80	4.0	3.0	2.0
79	3.9	2.9	1.9
78	3.8	2.8	1.8

77	3.7	2.7	1.7
76	3.6	2.6	1.6
75	3.5	2.5	1.5
74	3.4	2.4	1.4
73	3.3	2.3	1.3
72	3.2	2.2	1.2
71	3.1	2.1	1.1
70	3.0	2.0	1.0
BELOW 70	0	0	0

# College, Career, Military Readiness (CCMR)

## TEA's Division of College, Career, and Military Preparation (CCMP)

Texas Education Agency's CCMP works to ensure that all Texas high school students have access to high-quality pathways to career and college. Lockhart ISD students in grades 6 through 12 have access to Xello, a career and self exploration platform meant to help each student find their unique pathway in life.



## Personal Graduation Plan

As required under the Texas graduation plan outlined under House Bill 5, The Foundation High School Plan or Distinguished Level of Achievement, incoming high school students and their parents must select one or more of the five graduation endorsements currently offered under the graduation plan.

- Science, Technology, Engineering, and Mathematics (STEM)
- Arts and Humanities
- Business and Industry
- Public Services
- Multidisciplinary

**All LISD 8th grade students will develop a plan** that is used to scaffold them to their personal post-secondary life goals. This plan will include their required core and elective coursework, as well as their endorsement program of study course sequences and will be developed with teachers, administrators, counselors, parents/guardians, and district staff. Each year in high school, students will refine their plan to ensure they are prepared to graduate from Lockhart High School college, military, or career ready.

Parents and guardians are encouraged to participate in this process by talking to students about options available at Lockhart ISD, exploring their student's Xello profile and activities, and by meeting with a Lockhart educator about individual study goals for postsecondary readiness.

Although we will make every effort to place students in the courses of their choice, please note the following examples may limit course selections:

- students who have not passed the required STAAR/ EOC exams
- students with incomplete prerequisites will be placed in the required course
- students enrolled in a course which requires approval

In accordance with the State Board of Education, the selected Endorsements and Graduation Plans cannot be revised until the student's sophomore year when the student has received at least six high school credits. Any questions regarding college admissions should be directed to a counselor.

## CCMR Indicators

There are several ways a student can demonstrate college, career, or military readiness (CCMR). These include, but are not limited to, earning minimum scores on national college entrance exams, completing college-level classes in high school, or earning a qualifying industry credential. Please refer to the list below and then reach out to a counselor for more information.

### **Texas Success Initiative (TSI) Criteria**

Meet TSI criteria in both ELA/Reading and Mathematics

ELA/Reading: *Must have one of the following:*

- Met TSI assessment criteria

- Met ACT criteria

- Met SAT criteria

- Earned credit for a college prep course

Mathematics: *Must have one of the following:*

- Met TSI assessment criteria

- Met ACT criteria

- Met SAT criteria

- Earned credit for a college prep course

### **Dual Course Credits**

Earned credit for at least 3 hours in ELA or Mathematics  
or 9 hours in any subject

### **Industry-Based Certifications**

Earned an industry-based certification from approved list

### **Advanced Placement (AP)**

Earned a 6 or better on an AP College Board assessment

### **OnRamps Dual Enrollment Course**

Completed an OnRamps course and qualified for at least 3  
hours of university or college credit in any subject

### **Graduate with Completed IEP and Workforce Readiness**

Received graduation type code of 04, 05, 54, or 55

### **Special Ed with Advanced Degree Plan**

Identified as receiving special education services and earned an  
advanced degree plan

### **National Guard**

Enlist with the Texas National Guard

## Endorsements

The purpose of the endorsement requirement is to provide students greater flexibility and choice in the selection of courses that will best prepare them for their individual postsecondary goals. The earned Endorsement(s) will be reflected on the student's official transcript at the completion of their high school career. Students are expected to take a course in their program of study every year, including 1 advanced endorsement course, for a minimum of four (4) credits. Students who complete an endorsement in one of the following programs will receive an Endorsement Honor Cord at the end of their senior year of high school.

### Endorsement Clusters and Programs of Study

#### Arts and Humanities Endorsement

##### Fine Arts

*Performing Arts*

*Visual Arts*

##### Humanities

*Ethnic Studies*

*World Languages*

#### Business and Industry Endorsement

##### Air Force Junior Reserve Officer Training Corps (AFJROTC)

##### Agriculture, Food, and Natural Resources

*Animal Science*

*Plant Science*

*Applied Agricultural Engineering*

##### Construction and Architecture

*Construction Management*

##### Business, Marketing, and Finance

*Marketing and Sales*

*Accounting and Finance*

##### English Language Arts

*Debate*

##### Hospitality and Tourism

*Culinary Arts*

##### Transportation, Distribution, and Logistics

*Automotive Services- Automotive*

*Automotive Services- Collision, Paint, and Repair*

#### Public Services Endorsement

##### Education and Training

*Teaching and Training*

##### Health Science

*Diagnostics*

*Therapeutics*

*Exercise Science and Wellness*

##### Law and Public Services

*Emergency Response*

*Law Enforcement*

#### Science, Technology, Engineering, and Mathematics Endorsement

##### Science, Technology, Engineering, and Mathematics

*Cybersecurity*

*Engineering*

##### Arts, Audio Visual Technology, and Communications

*Digital Communications*

*Design and Multimedia Arts: Yearbook*

*Design and Multimedia Arts: Journalism*

## Earn Advanced Course Credit

### Advanced Placement (AP) Courses

The Advanced Placement (AP) Program, sponsored by the College Board, offers students an opportunity to take college-level courses while in high school. AP courses have open enrollment and participation is based on the course prerequisites as indicated in the course catalog. LISD students enrolled in AP courses are expected to take the AP exam that accompanies the AP course in which the student is enrolled.

**Costs of these exams are paid by the student; however, limited financial assistance may be available for students who qualify.** If the student takes the associated AP exam, Advanced Placement and/or college credit may be awarded upon college entrance. Colleges and universities have policies regarding how much credit and/or advanced placement will be received for a given score on an AP exam. Before taking AP exams, students should check college websites about specific advanced placement credit policies. Talk with the school counselor for more information and check [www.collegeboard.org](http://www.collegeboard.org).

### Dual Enrollment (UT OnRAMPS)

Lockhart ISD partners with The University of Texas at Austin to offer the OnRamps dual-enrollment program, which provides rigorous courses that are aligned with the standards and expectations of The University of Texas at Austin. These courses fit into a normal schedule and allow students to earn college credit while simultaneously earning high school graduation requirements and do not require a minimum TSIA score. Students who participate in the UT OnRamps courses gain early exposure to college expectations and are able to easily transition from high school to college. **UT OnRamps may require tuition and fees.**

To receive credit, the grade in the course must be a C or better and students must submit an official college transcript to the high school registrar. Dual enrollment credit is accepted by Texas public universities. Students who plan to attend a private or out-of-state college or university should check with schools regarding their policy of accepting dual or concurrent enrollment courses. Prior to withdrawing from a college course, it is the student's responsibility to first discuss this matter with the school counselor to determine if space is available in the comparable high school course. Students who take a dual enrollment class as core course graduation requirements must also take the corresponding STAAR exam.

### Articulated Credit Courses

Career and Technical Education articulation agreements with Austin Community College make it possible for students to earn college credit for courses successfully completed for high school credit. These courses are designed to prepare students for the future and cover both the high school curriculum and the college curriculum.

The credits are held in escrow then placed on the student's college transcript when they enter the institution of higher learning that offers the articulated credit. In order to claim credit, Austin Community College requires the student to take at least one course at ACC.

To be considered for articulated credit students must earn a grade of 80 or higher in the class, a grade of 70 or higher on an ACC- created end-of-course exam, and meet all high school and college course requirements. Some universities and colleges do not accept articulated credits depending on the student's major and the rules and regulations of the institution. It is always best to speak directly with an admissions representative at the college or university to learn of any transfer of credit restrictions.

### Dual Credit (Austin Community College)

Lockhart ISD partners with ACC for most of its dual credit course offerings. Students who are deemed college ready may enroll in dual credit courses, as determined by TSIA scores. Courses may be taken during the school day, at an ACC campus, and in the summer.

Depending on the number of courses being taken, location of courses, or course type students may be charged tuition and/or fees, and are responsible for textbooks and any additional expenses such as parking permits at ACC facilities.

To count as dual credit, courses must cover the state standards for the associated high school course and be approved by Lockhart ISD. Students must submit their college transcript showing their grade in the dual credit course to their campus registrar for inclusion in their high school transcript, if taken outside of the school. Students who take a dual enrollment class as core course graduation requirements must also take the corresponding STAAR exam.

# Scheduling Process and Changes

This catalog contains a brief description of courses offered in the secondary schools of Lockhart ISD, as well as the grade level requirements for specific courses and any possible prerequisites. Please be aware that not all courses are offered at every campus. Elective courses are offered as a result of student interest. If there is insufficient enrollment for a course, or certified teachers are not available to teach the course, the course will not be offered and one of the alternates listed on the student's registration form will be used. Master schedules and teacher hiring are based on student requests; therefore, only schedule change requests based upon the list below will be considered. The selection of courses by the student is a commitment to put forth effort to be successful.

Schedule changes will only be considered during the first 5 days of each semester for the following reasons:

- A. The student is a senior and is not scheduled in a course needed for graduation.
- B. The student has already earned credit for a course in which he/she is currently scheduled.
- C. The student does not have the prerequisite(s) for a class listed on his/her schedule.
- D. The student has been dismissed from a program where approval must be granted for placement.
- E. The student does not have a full schedule.
- F. A data entry error (no lunch, class listed twice, free period, etc.) has occurred.
- G. The student needs intervention/remedial coursework for STAAR requirements.

## Course Level Changes

Course level changes will be considered only at the end of the first nine weeks grading period for each course that offers a different level of the same course. To be considered for a transfer from an Honors or AP course, the student must meet the following criteria:

- A. Formal request made with a counselor by parent and student.
- B. Students must have no zeros in the course.
- C. Students must have attended a minimum of six tutorials.
- D. Face to Face Parent/Student/Teacher conference has been held.

If these conditions are met that student will be considered for a schedule change. Space availability in the receiving course will be a consideration for a course level change. Students who receive special permission to change a class schedule are subject to limitations. When a student moves from one level to another level, the actual grade earned in the previous class transfers with him/ her to the new class, regardless of the level. This grade will be calculated into the proper grading period (nine weeks and semester). The student assumes all responsibility for the requirements in the course entered. Level changes in core classes will not be considered after the first nine weeks of class but will be reviewed for the second semester.

## **Public Notification of Nondiscrimination in Career and Technical Education Programs**

### **Lockhart Independent School District, Career and Technical Education**

Lockhart Independent School District offers career and technical education programs in Public Services, Business and Industry, and Science, Technology, Engineering, and Math (STEM). Admission to these programs is based on student interest.

It is the policy of Lockhart Independent School District not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

It is the policy of Lockhart Independent School District not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

Lockhart Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact:

Title IX Coordinator [kimberly.raymond@lockhart.txed.net](mailto:kimberly.raymond@lockhart.txed.net), (512) 398-0041

Section 504 Coordinator [melissa.corona@lockhart.txed.net](mailto:melissa.corona@lockhart.txed.net), (512) 398-0270

## **Notificación Pública de No Discriminación en Programas de Educación Técnica y Vocacional**

### **Distrito Escolar Independiente de Lockhart, Educación Profesional Y Técnica**

El distrito escolar de Lockhart ofrece programas de educación técnica y vocacional en Servicios públicos, Negocios e Industria, y Ciencia, Tecnología, Ingeniería y Matemáticas (STEM). La admisión a estos programas está basado en el interés del estudiante.

Es norma del distrito de Lockhart no discriminar en sus programas, servicios o actividades vocacionales por motivos de raza, color, origen nacional, sexo o impedimento, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; Título IX de las Enmiendas en la Educación de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

Es norma del distrito de Lockhart no discriminar en sus procedimientos de empleo por motivos de raza, color, origen nacional, sexo, impedimento o edad, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; Título IX de las Enmiendas en la Educación, de 1972, la ley de Discriminación por Edad, de 1975, según enmienda; y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

El distrito escolar de Lockhart tomará medidas para garantizar que las habilidades del idioma inglés de un estudiante no interfieran con la admisión y participación en todos los programas educativos y vocacionales.

Para información sobre sus derechos o procedimientos de quejas, comuníquese con:

El Coordinador del Título IX | [kimberly.raymond@lockhart.txed.net](mailto:kimberly.raymond@lockhart.txed.net), (512) 398-0041

El Coordinador de la Sección 504 | [melissa.corona@lockhart.txed.net](mailto:melissa.corona@lockhart.txed.net), (512) 398-0270

**SECONDARY COURSE  
DESCRIPTIONS:  
LOCKHART JUNIOR HIGH SCHOOL**

## English Language Arts and Reading (ELAR)

Level	Grade 6	Grade 7	Grade 8
Core	ELAR 6 or ELAR 6 Honors or ELLA 6	ELAR 7 or ELAR 7 Honors or ELLA 7	ELAR 8 or ELAR 8 Honors or ELLA 8
Elective	English Language Development (ELD)	English Language Development (ELD)	English Language Development (ELD)

### ENGLISH LANGUAGE ARTS AND READING (ELAR) 6

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

This course focuses on 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.

### ENGLISH LANGUAGE ARTS/ READING 6 HONORS

**Credit: 1 Local JH**

**Grade: 6**

**Type: Honors**

Students think independently, solve problems, master oral and written communication skills, and utilize correct grammar and punctuation on all written products. This course will require additional time and effort. Assignments, projects, and academic research work will be required outside of class. This course is designed to prepare students for entry into Advanced Placement (AP) courses at the high school level.

### ENGLISH LEARNERS LANGUAGE ARTS (ELLA) 6

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

This course embodies the interconnected nature of listening, speaking, reading, writing, and thinking by developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft, and inquiry and research. These seven 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 LANGUAGE ARTS AND READING 7

**Credit: 1 Local JH**

**Grade: 7**

**Type: Regular**

This course focuses on 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.

### ENGLISH LANGUAGE ARTS AND READING 7 HONORS

**Credit: 1 Local JH**

**Grade: 7**

**Type: Honors**

The Honors seventh grade Language Arts program provides opportunities for students to interpret and to analyze literature including short stories, poetry, novels, and drama. This course is designed to prepare students for entry into Advanced Placement (AP) courses at the high school level.

### ENGLISH LEARNERS LANGUAGE ARTS (ELLA) 7

**Credit: 1 Local JH**

**Grade: 7**

**Type: Regular**

This course embodies the interconnected nature of listening, speaking, reading, writing, and thinking by developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft, and inquiry and research. These seven 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 LANGUAGE ARTS/ READING 8 HONORS

**Credit: 1 Local JH**

**Grade: 8**

**Type: Honors**

The Honors grade 8 Language Arts course encourages students to think independently, solve problems, master oral and written communication skills, and utilize correct grammar and punctuation. This course is an accelerated pace that consists of increased workload for classroom activity. This course is designed to prepare students for entry into Advanced Placement (AP) courses at the high school level.

### ENGLISH LEARNERS LANGUAGE ARTS (ELLA) 8

**Credit: 1 Local JH**

**Grade: 8**

**Type: Regular**

This course embodies the interconnected nature of listening, speaking, reading, writing, and thinking by developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft, and inquiry and research. These seven 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.

## ELAR Electives

### ENGLISH AS A SECOND LANGUAGE (ESL)/ENGLISH LANGUAGE DEVELOPMENT (ELD) 6

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

ESL/ELD classes prepare students for academic success in all content areas. Students learn English in a highly structured way in order to obtain, process, and construct knowledge as well as to demonstrate their knowledge of subject matter information through oral and written expression.

**Prerequisites: LPAC recommendation**

### ENGLISH AS A SECOND LANGUAGE (ESL)/ENGLISH LANGUAGE DEVELOPMENT (ELD) 7

**Credit: 1 Local JH**

**Grade: 7**

**Type: Regular**

ESL/ELD classes prepare students for academic success in all content areas. Students learn English in a highly structured way in order to obtain, process, and construct knowledge as well as to demonstrate their knowledge of subject matter information through oral and written expression.

**Prerequisites: LPAC recommendation**

### ENGLISH AS A SECOND LANGUAGE (ESL)/ENGLISH LANGUAGE DEVELOPMENT (ELD) 8

**Credit: 1 Local JH**

**Grade: 8**

**Type: Regular**

ESL/ELD classes prepare students for academic success in all content areas. Students learn English in a highly structured way in order to obtain, process, and construct knowledge as well as to demonstrate their knowledge of subject matter information through oral and written expression.

**Prerequisites: LPAC recommendation**

## Mathematics

Level	Grade 6	Grade 7	Grade 8
Core	Math 6	Math 7	Math 8
	Math 7 Honors (6)	Math 8 Honors (7)	Algebra I Honors
	Accelerated Math 8 Honors (6)	Algebra I Honors	Geometry Honors

### MATH 6

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

The primary focal areas in Math 6 are numbers and operations; proportionality; expressions, equations, and relationships; and measurement and data. Emphasis on algebra readiness skills necessitates the implementation of graphing technology.

### MATH 7 HONORS (6)

**Credit: 1 Local JH**

**Grade: 6**

**Type: Honors**

This course is the beginning of an advanced mathematics program designed to prepare students for Algebra I in Grade 8 and to continue their high school mathematics education to Advanced Placement courses. This course also covers Grade 7 Math TEKS. Students may be auto-enrolled based on previous assessment data.

**Recommended: Met or Mastered 5th grade Math STAAR**

### MATH 8 HONORS (7)

**Credit: 1 Local JH**

**Grade: 7**

**Type: Honors**

An advanced mathematics program designed to prepare students to study Algebra I in Grade 8 and to continue their advanced high school mathematics education. This pathway is designed for students who want to pursue advanced courses in mathematics. The course will cover all of the Grade 8 mathematics TEKS.

**Recommended: Math 7 or its equivalent**

### MATH 8

**Credit: 1 Local JH**

**Grade: 8**

**Type: Regular**

The primary focal areas in Grade 8 are proportionality, expressions, equations, relationships, functions, measurement and data. Students use concepts, algorithms, and properties of real numbers to explore mathematical relationships and to describe increasingly complex situations.

**ACCELERATED MATH 8 HONORS (6)****Credit: 1 Local JH****Grade: 6****Type: Honors**

Accelerated Math 6 is the start of an accelerated mathematics program designed to prepare students to study Algebra I in Grade 7. This pathway is designed for students who want to pursue advanced courses in mathematics. This course also covers Grade 8 Math TEKS. **Recommended: Met or Mastered 5th grade Math STAAR**

**MATH 7****Credit: 1 Local JH****Grade: 7****Type: Regular**

The primary focus in Math 7 are number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations.

**ALGEBRA I Honors****Credit: 1 High School Credit****Grade: 7-8****Type: Honors**

In Algebra I Honors students build on the knowledge and skills for mathematics in Grade 6-8, which provide a foundation in linear relationships, number and operations, and proportionality. 8th grade Algebra students will take the STAAR Algebra End of Course (EOC) assessment.

**Prerequisites: Math 8 or its equivalent****GEOMETRY HONORS****Credit: 1 High School Credit****Grade: 8****Type: Honors**

The content of this course deals with measurement, properties and relationships of points, lines, angles, surfaces and solids. Students will also be challenged to make conjectures and prove theorems. Honors students are preparing for the Advanced Placement test in Mathematics. Students who are placed in this course are in the accelerated mathematics pathway.

**Prerequisites: Algebra I****Science**

Level	Grade 6	Grade 7	Grade 8
Core	Science 6 or Science 6 Honors	Science 7 or Science 7 Honors	Science 8 or Science 8 Honors

**SCIENCE 6****Credit: 1 Local JH****Grade: 6****Type: Regular**

Students plan and conduct field and laboratory investigations using the scientific method, critical thinking and problem-solving skills to collect and analyze information in the areas of physical, life and earth science concepts, using scientific and technological tools to collect and analyze data.

**SCIENCE 6 HONORS****Credit: 1 Local JH****Grade: 6****Type: Honors**

Students are introduced to the Advanced Placement science courses that are offered at the high school level and includes conducting field and laboratory investigations using the scientific method, critical thinking and problem-solving skills to collect and analyze information about physical, life and earth science. Participation in outside-of-class scientific research projects is required. Students enrolled in this course should expect extensive outside-of-class preparation.

**SCIENCE 7****Credit: 1 Local JH****Grade: 7****Type: Regular**

Students plan and conduct field and laboratory investigations using the scientific method, critical thinking and problem-solving skills to collect and analyze information in the areas of physical, life and earth science concepts, using scientific and technological tools to collect and analyze data.

**SCIENCE 7 HONORS****Credit: 1 Local JH****Grade: 7****Type: Honors**

Students are introduced to the Advanced Placement science courses that are offered at the high school level that includes conducting field and laboratory investigations using the scientific method, critical thinking and problem-solving skills to collect and analyze information about physical, life and earth science. Participation in outside-of-class scientific research projects is required. Students enrolled in this course should expect extensive outside-of-class preparation.

## SCIENCE 8

**Credit: 1 Local JH**

**Grade: 8**

**Type: Regular**

Students plan and conduct field and laboratory investigations using the scientific method, critical thinking and problem-solving skills to collect and analyze information in the areas of physical, life and earth science concepts, using scientific and technological tools to collect and analyze data.

## SCIENCE 8 HONORS

**Credit: 1 Local JH**

**Grade: 8**

**Type: Honors**

Students are introduced to the Advanced Placement science courses that are offered at the high school level that includes conducting field and laboratory investigations using the scientific method, critical thinking and problem-solving skills to collect and analyze information about physical, life and earth science. Participation in outside-of-class scientific research projects is required. Students enrolled in this course should expect extensive outside-of-class preparation.

## Social Studies

Level	Grade 6	Grade 7	Grade 8
Core	World Cultures or World Cultures Honors	Texas History or Texas History Honors	American History or American History Honors

### SOCIAL STUDIES 6 (WORLD CULTURES)

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

In Grade 6, students study people, places, and societies of the contemporary world. Societies for study are from regions all over the world including Europe, Russia and the Eurasian republics, North America, Central America and the Caribbean, South America, Southwest Asia-North Africa, Africa, Asia, and the Pacific realm.

### SOCIAL STUDIES 6 HONORS (WORLD CULTURES)

**Credit: 1 Local JH**

**Grade: 6**

**Type: Honors**

In World Cultures students study people, places, and societies of the contemporary world. Societies for study are from regions all over the world including Europe, Russia and the Eurasian republics, North America, Central America and the Caribbean, South America, Southwest Asia-North Africa, Africa, Asia, and the Pacific realm. This course will require additional time and effort.

### SOCIAL STUDIES 7 (TEXAS HISTORY)

**Credit: 1 Local JH**

**Grade: 7**

**Type: Regular**

In Texas History students study the history of Texas from early times to the present to examine the full scope of Texas history, including Natural Texas and its People; Age of Contact; Spanish Colonial; Revolution and Republic; Early Statehood; Texas in the Civil War and Reconstruction; Age of Oil; Texas in the Great Depression and World War II; Civil Rights and Conservatism; and Contemporary Texas eras. Students use primary and secondary sources to acquire information about Texas.

### SOCIAL STUDIES 7 HONORS (TEXAS HISTORY)

**Credit: 1 Local JH**

**Grade: 7**

**Type: Honors**

In Honors Texas History, students study the history of Texas from early times to the present to examine the full scope of Texas history, including Natural Texas and its People; Age of Contact; Spanish Colonial; Revolution and Republic; Early Statehood; Texas in the Civil War and Reconstruction; Age of Oil; Texas in the Great Depression and World War II; Civil Rights and Conservatism; and Contemporary Texas eras. This course will require additional time and effort.

### SOCIAL STUDIES 8 (AMERICAN HISTORY)

**Credit: 1 Local JH**

**Grade: 8**

**Type: Regular**

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. SS students use critical thinking skills, including the identification of bias in written, oral, and visual material.

### SOCIAL STUDIES 8 HONORS (AMERICAN HISTORY)

**Credit: 1 Local JH**

**Grade: 8**

**Type: Honors**

This course focuses on the political, economic, religious, and social events and issues. Students evaluate the impact of scientific discoveries and technological innovations on the development of the United States, using critical thinking skills, including the identification of bias in written, oral, and visual material. Assignments, projects and academic research work will be required outside of class.

## Languages Other than English (LOTE)

Level	Grade 6	Grade 7	Grade 8
Foreign Language		Spanish I	Spanish I or Spanish II
		Native Speaker Spanish I and Native Speaker Spanish II	
			German I

### SPANISH I

**Credit: 1 (High School Credit)**

**Grade: 7-8**

**Type: Regular**

This year-long course is an introduction to the study of standard Spanish and Hispanic culture through conversation, grammar, reading, and writing. Focus is on basic communication skills, pronunciation, writing, and reading comprehension.

### SPANISH II

**Credit: 1 (High School Credit)**

**Grade: 7-8**

**Type: Regular**

This year-long course expands and builds on knowledge acquired in Spanish I. Students will communicate using a wider range of time frames. The study of the culture and history of Hispanic countries continues.

**Prerequisites:** *Spanish I*

### ACCELERATED NATIVE SPEAKERS SPANISH I

**Credit: 1 (High School Credit)**

**Grade: 8**

**Type: Regular**

This semester course is for 8th grade students with excellent Spanish communication skills to receive credit for Spanish I. The main objective of this course is to enrich the students' total language experience by building on their language proficiency. The focus is on increasing students' ability to use Spanish for both formal and informal situations and on developing their literacy skills.

**Prerequisites:** *Identified as Emergent Bilingual and earn a qualifying score on the Spanish diagnostic*

### ACCELERATED NATIVE SPEAKERS SPANISH II

**Credit: 1 (High School Credit)**

**Grade: 8**

**Type: Regular**

This semester course is for 8th grade students with excellent Spanish communication skills to receive credit for Spanish II. The main objective of this course is to enrich the students' total language experience by building on their language proficiency. The focus is on increasing students' ability to use Spanish for both formal and informal situations and on developing their literacy skills.

**Prerequisites:** *Identified as Emergent Bilingual and earn a qualifying score on the Spanish Diagnostic*

### GERMAN I

**Credit: 1 (High School Credit)**

**Grade: 8**

**Type: Regular**

This year-long course serves as an introduction to the study of the German language and culture. Students will utilize the language communication via skits, task-based projects and simple text analysis. By the end of the course, students will have a basic command of functional German language.

## Career & Technical Education (CTE)

Level	Grade 6	Grade 7	Grade 8
Local Credit	Technical Applications 6	Investigating Careers or Investigating Careers in STEAM	Investigating Careers or Investigating Careers in STEAM or Investigating Careers in Business and Industry or Investigating Careers in Public Services
High School Credit			Principles of Agriculture, Food, and Natural Resources or Principles of Hospitality and Tourism

### TECHNOLOGY APPLICATIONS 6

**Credit: 1 Local JH**

**Grade 6**

**Type: Regular**

Students will learn to make informed decisions by understanding current and emerging technologies, including technology systems, appropriate digital tools, and personal learning networks.

### INVESTIGATING CAREERS

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

This class introduces students to each of the endorsements, clusters, and programs of study in LISD. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. *Students may take Investigating careers courses up to 3 times.*

### INVESTIGATING CAREERS IN STEAM

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

Set a foundation in science, technology, engineering, arts and audio visual, and mathematics through personal and career exploration. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. *Students may take Investigating careers courses up to 3 times.*

### INVESTIGATING CAREERS IN BUSINESS AND INDUSTRY

**Credit: 1 Local JH**

**Grade: 8**

**Type: Regular**

This course provides a foundation for success within the business, marketing, finance, and transportation career clusters in high school, future studies, and careers. Students are encouraged to participate in extended learning experiences such as career and technical

student organizations. *Students may take Investigating careers courses up to 3 times.*

### INVESTIGATING CAREERS IN PUBLIC SERVICES

**Credit: 1 Local JH**

**Grade: 8**

**Type: Regular**

This course provides a foundation for success within the education, law and emergency services, and health science career clusters in high school, future studies, and careers. Students are encouraged to participate in extended learning experiences such as career and technical student organizations. *Students may take Investigating careers courses up to 3 times.*

### PRINCIPLES OF HOSPITALITY AND TOURISM

**Credit: 1 (High School Credit)**

**Grade: 8**

**Type: High School**

This course provides students with opportunities to learn basic knowledge and skills in management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership organizations.

### PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES

**Credit: 1 (High School Credit)**

**Grade: 8**

**Type: High School**

This introductory course provides students with opportunities to learn basic knowledge and skills in many facets of the Texas Agriculture Industry: plant production, animal science, and Agriculture Mechanics. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

## Fine Arts

Level	Grade 6	Grade 7	Grade 8
<b>Visual Arts</b>	Beginning Art	Art I	Art I or Art II
<b>Performing Arts</b>	Beginning Band	Beginning Band or Concert Band or Symphonic Band or Wind Ensemble or Jazz Band	Symphonic Band or Wind Ensemble or Jazz Band
	Beginning String Orchestra I	Beginning String Orchestra I or String Orchestra II	Beginning String Orchestra I or String Orchestra II or String Orchestra III
	Beginning Choir 6 or Men's Choir 6	Beginning Choir 7/8 or Intermediate Treble Choir 7/8 or Advanced Choir 7/8 or Tenor/Bass Choir 7/8 or Men's Choir 7/8	
	Technical Theatre 6 or Beginning Theatre Arts 6	Technical Theatre 7/8 or Beginning Theatre Arts 7/8 or Intermediate Technical Theatre 7/8 or Intermediate Theatre Arts 7/8 or Advanced Technical Theatre 7/8 or Advanced Theatre Arts 7/8	
	Beginning Color Guard	Color Guard I or Color Guard II	

### **BEGINNING ART**

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

The focus of beginning art is to learn how the elements and principles of art are the building blocks of art along with beginning drawing. Students will experience a variety of art media and materials.

### **ART I**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

Students will study a variety of ways to look at and create art. They will explore skills and techniques in drawing, painting, sculpture, and ceramics. Projects may vary from year to year.

## **ART II**

**Credit: 1 Local JH**

**Grade: 8**

**Type: Regular**

This is for jr high students who have advanced skills in drawing and art making. Students will begin to find their personal style and artistic voice. They will continue to learn new art media, techniques and styles.

**Prerequisites: Art I**

## **BEGINNING BAND**

**Credit: 1 Local JH**

**Grade: 6-7**

**Type: Regular**

Beginning with instruction in music fundamentals such as rhythm, counting, pitch perception, etc. Students will have the opportunity to perform. Students interested in band will be tested on the instruments and will be assigned an instrument the directors feel that students will be most successful with.

## **BEGINNING STRING ORCHESTRA I**

**Credit: 1 Local JH**

**Grade: 6-8**

**Type: Regular**

Basic instruction will be offered on violin, viola, cello, and bass. Fundamentals of technique and tone production will be stressed, as well as ensemble skills and music literacy. Beginning string orchestra class will prepare students for success in subsequent orchestra ensemble classes at junior high and high school levels.

## **STRING ORCHESTRA II-III**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

The Basic instruction will be offered on violin, viola, cello, and bass. Fundamentals of technique and tone production will be stressed, as well as ensemble skills and music literacy. Beginning string orchestra class will prepare students for success in subsequent orchestra ensemble classes at junior high and high school levels.

**Prerequisites: Beginning String Orchestra I**

## **SYMPHONIC BAND**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

Symphonic band is an academic class with some extracurricular activities attached, and is subject to the no-pass/ no-play laws. Band students' grades will reflect achievement in both curricular and extracurricular areas, including all performances. Parents must provide transportation. Students are expected to practice at home on a daily basis, year round. Band students are required to either buy or rent an instrument.

**Prerequisites: Beginning Band**

## **WIND ENSEMBLE**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

Symphonic band is an academic class with some extracurricular activities attached, and is sometimes subject to the no-pass/ no-play laws. Band students' grades will reflect achievement in both curricular and extracurricular areas, including all performances. Parents must provide transportation. Students are expected to practice at home on a daily basis, year round. Band students are required to either buy or rent an instrument.

**Prerequisites: Beginning Band, Band Screening**

## **CONCERT BAND**

**Credit: 1 Local JH**

**Grade: 8**

**Type: Regular Band**

is an academic class with some extracurricular activities attached, and is subject to the no-pass/no-play laws. Band students' grades will reflect achievement in both curricular and extra-curricular areas, including all performances. Parents must provide transportation. Students are expected to practice at home on a daily basis, year round. Band students are required to either buy or rent an instrument.

**Prerequisites: Beginning Band**

## **JAZZ BAND**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

This course is an in-depth study of beginning instrumental techniques as they relate to instrumental and contemporary jazz literature. The major topics are literature of traditional jazz and pop styles.

**Prerequisites: Beginning Band or String Orchestra**

## **BEGINNING COLOR GUARD**

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

Color Guard is a performance-based class that utilizes dance choreography, flags, and other equipment to perform to music. The class focuses on rhythm and movement skills, as well as team building, fitness, and work ethic. This class will offer opportunities for small community event performances.

## **COLOR GUARD I-II**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

Color Guard is a performance-based class that utilizes dance choreography, flags, props, and other equipment to perform to music. The class focuses on rhythm and movement skills, as well as team building, fitness, and work ethic. The class offers opportunities for public performance including football games and color guard contests. After school and some Saturday rehearsals are required.

**Prerequisites: Audition**

## **TECHNICAL THEATRE 6**

### **BEGINNING CHOIR 6**

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

In choir, the emphasis is placed on creative self-expression and individual voice training. The choir learns many songs and performs at numerous exciting events. Choir is an extracurricular activity and is subject to the no pass/no play laws. Choir may require time spent outside of school for practices and special events. Students will receive grades for performances.

### **BEGINNING CHOIR 7/8**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

In choir, the emphasis is placed on creative self-expression and individual voice training. The choir learns many songs and performs at numerous exciting events. Choir is an extracurricular activity and is subject to the no pass/no play laws. Choir may require time spent outside of school for practices and special events. Students will receive grades for performances.

### **INTERMEDIATE TREBLE CHOIR 7/8**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

In choir, the emphasis is placed on creative self-expression and individual voice training. The choir learns many songs and performs at numerous exciting events. Choir is an extracurricular activity and is subject to no-pass/no-play laws and may require time spent outside of school for practices and special events. Students receive grades for performances.

**Prerequisites:** *Beginning Choir 6, Beginning Choir 7/8*

### **TENOR/BASS CHOIR 7/8**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

Choir students perform at many exciting concerts and contests. In addition to working and performing as a large group, there is a focus on improving individual voice quality. Choir is an extracurricular activity and is subject to no-pass/no-play laws and may require time spent outside of school for practices and special events. Students receive grades for performances.

**Prerequisites:** *Beginning Choir 6, Approval from director.*

### **ADVANCED CHOIR 7/8**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

Choir students perform at many exciting concerts and contests. In addition to working and performing as a large group, there is a focus on improving individual voice quality. Choir is an extracurricular activity and is subject to no-pass/no-play laws and may require time spent outside of school for practices and special events. Students receive grades for performances.

**Prerequisites:** *Audition*

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

This is an introductory course that exposes students to the backstage aspects of the Theatre. Topics include: Theatrical facilities, principles of design (lighting, sound, costume, scenic), production evaluation and technical theatre career opportunities. Workplace safety is emphasised. Classroom knowledge is enhanced through hands-on experience.

### **TECHNICAL THEATRE 7/8**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

This is an introductory course that exposes students to the backstage aspects of the Theatre. Topics include: Theatrical facilities, principles of design (lighting, sound, costume, scenic), production evaluation and technical theatre career opportunities. Workplace safety is emphasised. Classroom knowledge is enhanced through hands-on experience.

### **INTERMEDIATE TECHNICAL THEATRE 7/8**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

This course expands on the concepts taught in Technical Theatre 6 or 7/8. Students are provided with opportunities to apply skills for live productions. Class focus is on costume, sound, lighting, stagecraft, props, and stage management. Student's learning is enhanced through hands-on projects and experience. Students are encouraged to periodically work outside the school day in rehearsals.

**Prerequisite:** *Technical Theater 6 or 7/8*

### **ADVANCED TECHNICAL THEATRE 7/8**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

This course expands on the concepts taught in Technical Theatre 6, 7/8, or Intermediate. Students are frequently provided with opportunities to apply skills to live productions. Class focus is on the design, application, and construction of costume, sound, lighting, stagecraft, and prop elements, as well as stage management. Students are expected to periodically work outside the school day in rehearsals.

**Prerequisites:** *Sponsor approval*

### **BEGINNING THEATRE ARTS 6**

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

This course is designed as an introductory class to teach the basics of theatre and its importance in modern society. Students will learn creativity, movement and vocalization, as well as acting strategies through scene work, improvisation, and pantomime. In addition, students will engage in team building, creative writing and production

### **ADVANCED THEATRE ARTS 7/8**

**THEATRE ARTS 7/8****Credit: 1 Local JH****Grade: 7-8****Type: Regular**

This course is designed as an introductory class to teach the basics of theatre and its importance in modern society. Students will learn creativity, movement and vocalization, as well as acting strategies through scene work, improvisation, and pantomime. In addition, students will engage in team building, creative writing and production.

**Credit: 1 Local JH****Grade: 7-8****Type: Regular**

This course is designed to prepare students who wish to continue in theatre in high school and beyond. Students will participate as actors in multiple theatrical productions and expand their prior knowledge through scene work, vocalization techniques, and body language.

**Prerequisites: Sponsor approval****INTERMEDIATE THEATRE ARTS 7/8****Credit: 1 Local JH****Grade: 7-8****Type: Regular**

This course is designed to prepare students who wish to continue in theatre. Students will participate as actors in multiple theatrical productions and expand their prior knowledge through scene work, vocalization techniques, and body language.

**Prerequisites: Sponsor approval**

<b>General Electives</b>
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Level	Grade 6	Grade 7	Grade 8
Local Credit		Yearbook	
			Campus Aide

**YEARBOOK****Credit: 1 Local JH****Grade: 7, 8****Type: Regular**

The objective of this class is to design the yearbook. Students will be involved in all aspects of creating the yearbook including photography, computer graphics, and layout, as well as sales and bookkeeping procedures.

**CAMPUS AIDE****Credit: 1 Local JH****Grade: 8****Type: Regular**

Campus Aides are students who have high expectations for grades, reading, organization, responsibility, following directions, listening and assisting others.

**Prerequisites: Admin approval**

## Health, Physical Education (PE), and Athletics

Level	Grade 6	Grade 7	Grade 8
Local Credit	Pre-Athletics or Physical Education	Athletics or Physical Education or Outdoor Adventure	Athletics or Outdoor Adventure
	Dance 6	Dance 7/8 or Intermediate Dance 7/8 or Lion Dancers 7/8	

### PRE-ATHLETICS

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

Introduction to UIL sports including tennis, football, volleyball, basketball, track, soccer, and cross-country. In this course, Students will learn the fundamentals and terminology of the sports they will be playing in 7th/8th grade as well as our terminology in the high school programs.

### PHYSICAL EDUCATION (PE)

**Credit: 1 Local JH**

**Grade: 6-7**

**Type: Regular**

This class is designed to acquaint students with both team and life sports. Sixth and seventh grade students are required to take either PE, Dance, Outdoor Adventure, or Athletics.

### ATHLETICS

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

Students are required to participate in at least two sports to receive credit for the class: football, volleyball, basketball, cross country, track, soccer, golf, and tennis. Golf and tennis are after school sports. ***If a student only wants to participate in these specific sports, he/she does not have to sign up for the athletics class.*** Athletics is an extracurricular activity and is subject to no-pass/ no-play laws. Extra time at school for practice and for games is required, and parents are responsible for transportation. All students must have a medical physical on file by August 1 to participate in any sport and abide by the Athletics Code of Conduct.

### OUTDOOR ADVENTURE

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

Students in adventure outdoor education develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.

### DANCE 6

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

This is an introductory course that covers the different types of dance such as modern, jazz, hip hop, ballet, and tap. Students will learn performance skills, dance stunts, stretching, and conditioning techniques to help students increase flexibility and strength. Students are expected to dress out, provide their own clothes, and participate daily.

### DANCE 7/8

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

This is an introductory course that covers the different types of dance such as modern, jazz, hip hop, ballet, and tap. Students will learn performance skills, dance stunts, stretching, and conditioning techniques to help students increase flexibility and strength. Students are expected to dress out, provide their own clothes, and participate daily.

### INTERMEDIATE DANCE 7/8

**Credit: 1 Local JH**

**Grade: 6-8**

**Type: Regular**

This is an introductory course that covers the different types of dance such as modern, jazz, hip hop, ballet, and tap. Students will learn performance skills, dance stunts, stretching, and conditioning techniques to help students increase flexibility and strength. Students are expected to dress out, provide their own clothes, and participate daily.

***Prerequisites: Dance 6 or Dance 7/8***

### LION DANCERS 7/8

**Credit: 1 Local JH**

**Grade: 6-8**

**Type: Regular**

This is a pre-drill team class for students who want to learn what it takes to be on a drill team. This class will cover proper warm up and stretching, intermediate and advanced dance technique, and teamwork skills. Students will learn how to quickly pick up choreography and memorize dances for performance. Some outside of school performances will be required each semester. Students are expected to dress out, provide their own clothes, and participate daily.

***Prerequisites: Audition***

# LOCKHART HIGH SCHOOL

# English Language Arts and Reading

Level	Year 1	Year 2	Year 3	Year 4
Core	English I or English I Honors or English as a Second Language I (ESOL I)	English II or English II Honors or English as a Second Language II (ESOL II)	English III	English IV
			English III AP	English IV AP
			English 1301 Dual Credit and English 1302 Dual Credit	English 2322 Dual Credit or English 2323 Dual Credit
			English III OnRamps	English IV OnRamps
Electives	ELDA or ESL Reading			
	Debate I	Debate II	Debate III	Independent Study in Speech

## ENGLISH I

**Credit: 1**

**Grade: 9**

**LA101**

**Type: Regular**

Explore the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills. 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 I HONORS

**Credit: 1**

**Grade: 9**

**LA102**

**Type: Honors**

This course focuses on the close reading, analytical writing, and language skills that have immediate relevance for students and that will be most essential for their future coursework. Students engage in close, critical reading of a wide range of literary and nonfiction works taken from America, British, and world texts. Students may be assessed on a summer project

## ENGLISH FOR SPEAKERS OF OTHER LANGUAGES I (ESOL I)

**Credit: 1**

**Grade: 9**

**LA107**

**Type: Regular**

This course covers all the TEKS for English I, but uses ESOL strategies to assist the student in mastering the objectives. ESOL I is designed for linguistically diverse students who require English language instruction.

**Prerequisites: LPAC recommendation**

## ENGLISH II

**Credit: 1**

**Grade: 10**

**LA201**

**Type: Regular**

This course embodies the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills. 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.

**Prerequisites: English I**

## ENGLISH II HONORS

**Credit: 1**

**Grade: 10**

**LA202**

**Type: Honors**

English II prepares students for the rigors of college-level reading and writing with the types of texts they will encounter in AP English courses, college classes, and on the SAT (to include works from world texts). As readers, students develop a vigilant awareness of how writers masterfully manipulate language to serve their unique purposes. As writers, students compose more nuanced essays with well-crafted sentences and a sense of cohesion. Students may be assessed on a summer project.

**Prerequisites: English I**

## ENGLISH II FOR SPEAKERS OF OTHER LANGUAGES (ESOL II)

**Credit: 1**

**Grade: 10**

**LA207**

**Type: Regular**

English II for Speakers of Other Languages covers all the TEKS for English II, but uses ESOL strategies to assist the student in mastering objectives.

**Prerequisites: LPAC recommendation; ESOL I**

### ENGLISH III

**Credit: 1**

**LA301**

**Grade: 11**

**Type: Regular**

This course embodies 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 to include works from American texts; author's purpose and craft; composition; and inquiry and research. Students continue 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.

**Prerequisites:** *English II*

### ENGLISH III AP ENGLISH LANGUAGE AND COMPOSITION

**Credit: 1**

**LA304**

**Grade: 11**

**Type: Advanced Placement**

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Students enrolled in this course are encouraged to take the Advanced Placement Exam in May for possible college credit. Students may be assessed on a summer project.

**Prerequisites:** *English II*

### ENGLISH III ONRAMPS - INTRODUCTION TO RHETORIC: READING, WRITING, AND RESEARCH

**Credit: 1**

**LA309**

**Grade: 11**

**Type: Dual Enrollment**

UT Equivalent RHE 306/Core Equivalent ENGL 1301. This is a college course offered on the LHS campus and taught by a LISD trained UT OnRamps faculty member. Students will experience a high quality curriculum designed by the faculty at The University of Texas at Austin. Students must complete the admissions process for UT OnRamps. Students may be assessed on a summer project.

**Prerequisites:** *English I, II*

### ENGLISH 1301 ACC DUAL CREDIT (FALL)

**Credit: 0.5**

**LA305**

**Grade: 11-12**

**Type: Dual Credit**

This course is a study of composition with emphasis on language, the mechanics of writing, the types of discourse, and research and documentation. Students must also take the LA305B Departmental Exam. The instructor will provide more detailed instructions about the exam, which will be evaluated "PASS" "FAIL & RETEST" OR "FAIL" only. Students who do not pass on the first try may retest once. In order to continue on to ENGL 1302, students must pass the ENGL 1301 Departmental Exam.

**Prerequisites:** *Meet ACC admission requirements*

### ENGLISH 1302 ACC DUAL CREDIT (SPRING)

**Credit: 0.5**

**LA305B**

**Grade: 11**

**Type: Dual Credit**

This course is a continuation of English 1301 with emphasis on analysis of readings in prose fiction. Students must also take the LA305A Departmental Exam. The instructor will provide more detailed instructions about the exam, which will be evaluated "PASS" "FAIL & RETEST" OR "FAIL" only. Students who do not pass on the first try may retest once. In order to continue on to ENGL 1302, students must pass the ENGL 1301 Departmental Exam.

**Prerequisites:** *Meet ACC admission requirements*

### ENGLISH IV

**Credit: 1**

**LA401**

**Grade: 12**

**Type: Regular**

This course embodies the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills. 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 IV ONRAMPS - READING AND WRITING: THE RHETORIC OF AMERICAN IDENTITY

**Credit: 1**

**LA409**

**Grade: 11**

**Type: Dual Enrollment**

UT Course Equivalent RHE 309K/Texas Core Equivalent ENGL 1302. This is a college course offered on the LHS campus and taught by a LISD trained UT OnRamps faculty member. Students will experience a high-quality curriculum designed by the faculty at The University of Texas at Austin. Students must complete the admissions process for UT OnRamps and purchase the books required by the instructor. Students may be assessed on a summer project.

**Prerequisites:** *English I, II*

### ENGLISH IV AP ENGLISH LITERATURE AND COMPOSITION

**Credit: 1**

**LA404**

**Grade: 11**

**Type: Advanced Placement**

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students enrolled are encouraged to take the Advanced Placement ENGLISH IV AP English Literature and Composition Exam in May for possible college credit. Students must check with colleges to determine transferability of AP test scores. Students may be assessed on a summer project.

**Prerequisites:** *English III*

**BRITISH LITERATURE I ACC DUAL CREDIT (FALL)**  
**Credit: 0.5** **LA405A**  
**Grade: 12** **Type: Dual Credit**

This course is a survey of English literature from Anglo-Saxon times through the 18th Century. All students must also take the LA405B exam.

**Prerequisites:** LA 305A and LA305B, or equivalent course; course fees may apply;

**BRITISH LITERATURE II ACC DUAL CREDIT (SPRING)**  
**Credit: 0.5** **LA405B**  
**Grade: 12** **Type: Dual Credit**

This course is a survey of English literature from the late 18th Century to the present. Students must also take the LA405A.

**Prerequisites:** LA305A, LA305B, and LA405A, or equivalent courses; course fees may apply

## English Electives

**ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION (ELDA)**

**Credit: 1** **EL307**  
**Grade: 9-12** **Type: Regular**

This course enables students to become increasingly more proficient in English in all four language domains by addressing cognitive, linguistic, and affective needs. This course will validate a student's native language and culture as a valuable resource and as foundation to attain the English language.

**Prerequisites:** LPAC recommendation;  
**Co-requisite English course (ESOL I or II)**

**READING/ ENGLISH AS A SECOND LANGUAGE (ESL)**  
**Credit: 1** **EL601**

**Grade: 9-12** **Type: Regular**

This course is designed to assist students still at beginning or intermediate TELPAS reading levels. This course will build fluency in listening, speaking, reading, writing, word recognition, vocabulary, and fluency to provide students an opportunity to read with competence, confidence, and understanding.

**Prerequisites:** LPAC recommendation

**CLASSICAL FILMS (VISUAL MEDIA)**

**Credit: .5** **EL400**  
**Grade: 11** **Type: Regular**

Students will interpret various media forms for a variety of purposes, with an emphasis on classical films. In addition, students will critique and analyze the significance of visual representations and learn to produce media messages that communicate with others.

**DEBATE I**

**Credit: 1** **LA501**  
**Grade: 9-12** **Type: Regular**

Controversial issues arise in aspects of personal, social, public, and professional life in modern society. Debate and argumentation are widely used to make decisions and reduce conflict. Students who develop skills in argumentation and debate become interested in current issues, develop sound critical thinking, and sharpen communication skills. They acquire life-long skills for intelligently approaching controversial issues.

**DEBATE II**

**Credit: 1** **LA502**  
**Grade: 10-12** **Type: Regular**

Controversial issues arise in aspects of personal, social, public, and professional life in modern society. Debate and argumentation are widely used to make decisions and reduce conflict. Students who develop skills in argumentation and debate become interested in current issues, develop sound critical thinking, and sharpen communication skills. They acquire life-long skills for intelligently approaching controversial issues.

**Prerequisite:** Debate I

**DEBATE III**

**Credit: 1** **LA503**  
**Grade: 11-12** **Type: Regular**

Controversial issues arise in aspects of personal, social, public, and professional life in modern society. Debate and argumentation are widely used to make decisions and reduce conflict. Students who develop skills in argumentation and debate become interested in current issues, develop sound critical thinking, and sharpen communication skills. They acquire life-long skills for intelligently approaching controversial issues.

**Prerequisite:** Debate II

**INDEPENDENT STUDY IN SPEECH**

**Credit: 1** **LA505**  
**Grade: 12** **Type: Regular**

Independent Study in Speech provides opportunities for advanced students to plan, organize, produce, perform, and evaluate a project that enables them to develop advanced skills in communication, critical thinking, and problem solving.

**Prerequisite:** Debate III

# Mathematics

LEVEL	Year 1	Year 2	Year 3	Year 4
Core	Algebra 1 or Algebra 1 Honors	Geometry or Geometry Honors	Algebra II or Algebra II Honors	Precalculus Honors or Financial Math
		Algebraic Reasoning	Geometry	Algebra II or Financial Mathematics
	Geometry or Geometry Honors	Algebra II or Algebra II Honors	OnRamps Precalculus or Precalculus Honors	AP Statistics or AP Calculus AB
	Algebraic Reasoning	Geometry	Algebra II	Financial Mathematics or Precalculus Honors
	Algebra II Honors	OnRamps Precalculus or Precalculus Honors	AP Calculus AB or AP Calculus BC	AP Statistics

## ALGEBRA I

**Credit: 1**

**Grade: 9**

**MA101**

**Type: Regular**

Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents; and generate and solve linear systems with two equations and two variables and will create new functions through transformations.

## ALGEBRA I HONORS

**Credit: 1**

**Grade: 9**

**MA102**

**Type: Honors**

The Honors Algebra 1 course focuses on Algebra I goals, as well as gives students the time and space to thoroughly develop both procedural fluency and deep conceptual understanding of these concepts and skills. This course will prepare students to take additional advanced math courses.

## ALGEBRAIC REASONING

**Credit: 1**

**Grade: 9-10**

**MA203**

**Type: Regular**

Students will study 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.

**Prerequisites: Algebra I, Admin Approval**

## GEOMETRY

**Credit: 1**

**Grade: 9-10**

**MA201**

**Type: Regular**

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. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and transformational geometry strand.

**Prerequisites: Algebra I**

## GEOMETRY HONORS

**Credit: 1**

**Grade: 9-10**

**MA202**

**Type: Honors**

There is a central focus on measurement that provides students with a holistic and comprehensive view of geometry as the study of shape and space. Honors students are preparing for the AP Math test.

**Prerequisites: Algebra I or Honors Algebra I**

## ALGEBRA II

**Credit: 1**

**Grade: 9-12**

**MA301**

**Type: Regular**

Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods.

**Prerequisites: Algebra I and Geometry**

## **HONORS ALGEBRA II**

**Credit: 1**

**MA302**

**Grade: 9-12**

**Type: Honors**

Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Honors students will work at an accelerated pace to exceed the expectations of Algebra II in preparation for additional advanced mathematics courses.

**Prerequisites: Algebra I or Honors Algebra I**

## **FINANCIAL MATHEMATICS**

**Credit: 1**

**MA533**

**Grade: 12**

**Type: Regular**

Financial Mathematics is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors. This course does not count towards any program of study completion in CTE.

**Prerequisites: Algebra I and 2 additional math credits**

## **PRECALCULUS ONRAMPS**

**Credit: 1**

**MA402**

**Grade: 10-12**

**Type: Dual Enrollment**

This course includes a thorough study of trigonometry during the first term and an analysis of different functions (polynomial, rational, exponential, logarithmic, and logistic), including sequences/series, conics, vectors, and parametric and polar equations during the second term. The course is designed for the student who has displayed diligence in the study of all mathematical courses.

Students must complete the admissions process for UT OnRamps. This is a college course offered on the LHS campus. Students must purchase the books required by the instructor. Students will experience a high quality curriculum designed by the faculty at The University of Texas at Austin. This course is taught by a LISD-trained UT OnRamps faculty member.

**Prerequisites: Algebra I, Algebra II, Geometry, and Math TSI Complete**

## **HONORS PRECALCULUS**

**Credit: 1**

**MA403**

**Grade: 12**

**Type: Honors**

This course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems.

**Prerequisites: Algebra I, Geometry, and Algebra II**

## **AP CALCULUS (AB)**

**Credit: 1**

**MA504**

**Grade: 12**

**Type: Advanced Placement**

This course is an investigation into differential and integral calculus and corresponds to a first semester college calculus course. It includes limits, derivatives, derivative applications, integrals, and integral applications. The course is designed for the student who has displayed diligence in the study of all mathematical courses. It prepares the college-bound student for possible advanced standing credit in calculus through the AP test.

**Prerequisites: Pre-Calculus**

## **AP CALCULUS (BC)**

**Credit: 1**

**MA514**

**Grade: 12**

**Type: Advanced Placement**

This accelerated course is a thorough survey of differential and integral calculus, as well as series, vector, and polar calculus and corresponds to first and second semester college calculus courses. It includes derivatives, integrals, series, elementary differential equations, and polar and parametric calculus. The course is designed for the student who has displayed diligence in the study of all mathematical courses. It prepares the college-bound student for possible advanced standing credit in calculus through the AP test.

**Prerequisites: Pre-Calculus PAP**

## **AP STATISTICS**

**Credit: 1**

**MA524**

**Grade: 12**

**Type: Advanced Placement**

AP Statistics will allow students to build interdisciplinary connections with other subjects and with their world outside of school. It prepares the college bound student for possible advanced credit in statistics through the AP test. Students are exposed to four broad conceptual themes: (1) Exploring Data: Describing patterns and departures from patterns; (2) Sampling and Experimentation: Planning and conducting a study; (3) Anticipating Patterns: Exploring random phenomena using probability and simulation; and (4) Statistical Inferences: Estimating population parameters and testing hypotheses.

**Prerequisites: Algebra II PAP or Pre-Calculus PAP**

# Science

LEVEL	Year 1	Year 2	Year 3	Year 4
Core	Environmental Systems	Biology	Chemistry	Physics or Anatomy and Physiology or Aquatic Science
	Honors Biology	Honors Chemistry	Honors Physics or Physics OnRamps	AP Biology II or AP Chemistry II or AP Environmental Science

## ENVIRONMENTAL SYSTEMS

**Credit: 1**

**SC311**

**Grade: 9**

**Type: Regular**

Students study a variety of topics that include: biotic and abiotic factors in habitats, ecosystems and biomes, and conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving.

## HONORS BIOLOGY I

**Credit: 1**

**SC102**

**Grade: 9**

**Type: Honors**

Honors Biology sparks student motivation and critical thinking about our living world as they engage in real-world data analysis and problem solving. Students engage deeply with science practices to construct and refine their biological knowledge and strengthen their cross-disciplinary reading, writing, and mathematical skills as they analyze data and make meaningful connections that exist and across living systems.

## BIOLOGY

**Credit: 1**

**SC101**

**Grade: 9-10**

**Type: Regular**

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: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; and the environment.

## CHEMISTRY

**Credit: 1**

**SC211**

**Grade: 10**

**Type: Regular**

Students will investigate how chemistry as an integral part of our daily lives, conduct laboratory/ 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.

**Prerequisites: Algebra I and Biology**

## HONORS CHEMISTRY

**Credit: 1**

**SC212**

**Grade: 10**

**Type: Honors**

Honors Chemistry motivates students to be active participants in applying critical thinking and mathematical skills as they engage in context driven mathematics, data analysis, modeling, and productive collaboration with their peers and focuses on students developing a deep conceptual understanding of matter and energy at the molecular level by asking students to explain their macroscopic observations using particulate-level reasoning.

**Prerequisites: Biology ; Algebra II (or concurrent enrollment)**

## PHYSICS

**Credit: 1**

**SC301**

**Grade: 11**

**Type: Regular**

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 and conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving.

**Prerequisites: Algebra I**

## **HONORS PHYSICS**

**Credit: 1**

**Grade: 11**

**SC**

**Type: Regular**

Course components include one- and two-dimensional motion, momentum, energy, thermodynamics, harmonic motion, waves, electricity, magnetism, and nuclear and modern physics. Throughout the course, students participate in a variety of interactive and hands-on laboratory activities that enhance concept knowledge and develop scientific process skills and technical writing. Topics are examined in greater detail than general physics and provide a solid foundation for college level physics.

**Prerequisites: Algebra I**

## **PHYSICS ONRAMPS**

**Credit: 1**

**Grade: 11-12**

**SC309**

**Type: Dual Enrollment**

This course is an integration of the theoretical (mathematical) and empirical (observational) aspects of physics. Students will acquire lab-oriented skills while being introduced to the fundamental laws of physics. Students must complete the admissions process for UT OnRamps. This is a college course offered on the LHS campus. Students must purchase the books required by the instructor. Students will experience a high quality curriculum designed by the faculty at The University of Texas at Austin. This course is taught by a LISD trained UT OnRamps faculty member.

**Prerequisites: Algebra I, Algebra II, and Geometry**

## **AP CHEMISTRY II**

**Credit: 1**

**Grade: 11-12**

**SC514**

**Type: Advanced Placement**

Learn about the fundamental concepts of chemistry including structure and states of matter, intermolecular forces, and reactions. You'll do hands-on lab investigations and use chemical calculations to solve problems. This course uses a college-based curriculum and is taught at the college freshman level for inorganic chemistry and is designed to prepare the student for the AP Exam in Chemistry, which may be accepted by universities as college credit. This course prepares students who plan to major in most science fields.

**Prerequisites: Chemistry and Algebra II**

## **AQUATIC SCIENCE**

**Credit: 1**

**Grade: 12**

**SC701**

**Type: Regular**

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 freshwater or marine aspects of aquatic science depending primarily upon the natural resources available for study near the school. Students 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.

**Prerequisites: Biology and and Chemistry or concurrent enrollment in Chemistry**

## **AP BIOLOGY II**

**Credit: 1**

**Grade: 11-12**

**SC504**

**Type: Advanced Placement**

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course which aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Students will study the core scientific principles, theories, and processes that govern living organisms and biological systems. You'll do hands-on laboratory work to investigate natural phenomena.

**Prerequisites: Biology and Chemistry**

## **AP ENVIRONMENTAL SCIENCE**

**Credit: 1**

**Grade: 11-12**

**SC534**

**Type: Advanced Placement**

This course is designed 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 or preventing them.

**Prerequisites: Algebra I and two years of laboratory science, including one year of life science and one year of physical science**

## **ANATOMY & PHYSIOLOGY**

**Credit: 1**

**Grade: 12**

**C504**

**Type: Regular**

In Anatomy and Physiology, students conduct laboratory and/ or field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

**Prerequisites: Biology and a second science credit**

## Social Studies

LEVEL	Year 1	Year 2	Year 3	Year 4
Core	World Geography or Honors World Geography or AP Human Geography	World History or AP World History	US History or AP US History	Economics or AP Microeconomics <b>AND</b> US Government or AP US Government or US Government Dual Credit (Fall semester only)
Electives		Mexican American Studies and/or African American Studies and/or Sociology Dual Credit and/or Psychology or AP Psychology or Psychology Dual Credit		

### WORLD GEOGRAPHY

**Credit: 1**

**Grade: 9**

**SS101**

**Type: Regular**

Students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography and the influence of geography on events of the past and present with emphasis on contemporary issues. Students use problem-solving and decision making skills to ask and answer geographic questions.

### AP HUMAN GEOGRAPHY

**Credit: 1**

**Grade: 9**

**SS104**

**Type: Advanced Placement**

An introduction to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn about the methods and tools geographers use in their research and their applications in spatial concepts and landscape analysis to examine socio-economic organization and its environmental consequences. The curriculum reflects the goals of the National Geography Standards (2012).

### WORLD HISTORY

**Credit: 1**

**Grade: 10**

**SS201**

**Type: Regular**

World History Studies is a survey of the history of humankind. The scope of this course focuses on "essential" concepts and skills that can be applied to various eras, events, and people. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present.

### HONORS WORLD GEOGRAPHY

**Credit: 1**

**Grade: 9**

**SS102**

**Type: Honors**

Honors World Geography builds students' essential skills and confidence and helps to prepare them for a range of AP history and social science coursework during high school. In this course, students learn that historians and geographers are investigators intent on using the tools of their disciplines to uncover new evidence about the world and its inhabitants.

### AP UNITED STATES HISTORY

**Credit: 1**

**Grade: 11**

**SS304**

**Type: Advanced Placement**

Students will learn to analyze and interpret a variety of historical resources and develop the ability to use documentary materials, maps, pictorial, and graphic evidence of historical events to deal critically with issues and events in American history. Advanced Placement courses are taught and graded at the college level and require a high degree of student commitment. Students enrolled in this course are encouraged to take the Advanced Placement United States History Exam in May for possible college credit. Students must check with colleges to determine transferability of AP test scores.

## **AP WORLD HISTORY**

**Credit: 1**

**SS201**

**Grade: 10**

**Type: Advanced Placement**

Students will learn to analyze and interpret a variety of historical resources and develop the ability to use documentary materials, maps, pictorial, and graphic evidence of historical events to deal critically with issues and events in American history. Advanced Placement courses are taught and graded at the college level and require a high degree of student commitment. Students enrolled in this course are encouraged to take the Advanced Placement United States History Exam in May.

## **UNITED STATES HISTORY**

**Credit: 1**

**SS301**

**Grade: 11**

**Type: Regular**

United States History traces the emergence and growth of the United States. The course focuses on themes, issues, and questions that have challenged people throughout the century and will continue to be relevant in the future. Students first examine new frontiers, new industrial strengths, and new resources of the post-Civil War and Reconstruction period. The course then examines current events during the 20th century.

## **UNITED STATES GOVERNMENT**

**Credit: 0.5**

**SS907**

**Grade: 12**

**Type: Regular**

United States Government is the culmination of the civic literacy strand, which prepares students to vote, to apply the responsibilities of citizenship, and to participate in community civic affairs. Students use prior knowledge as a basis to delve deeper into the complexities of American governmental institutions. The Constitution and the Bill of Rights provide the framework for the major themes: popular sovereignty, limited government, separation of powers, and Federalism.

## **AP UNITED STATES GOVERNMENT**

**Credit: 1**

**SS402**

**Grade: 12**

**Type: Advanced Placement**

Students will learn to analyze and interpret a variety of resources. Advanced Placement courses are taught and graded at the college level and require a high degree of student commitment. Students enrolled in this course are encouraged to take the AP US Government Exam in May for possible college credit. Students must check with colleges to determine transferability of AP test scores.

## **ECONOMICS**

**Credit: 0.5**

**SS501**

**Grade: 12**

**Type: Regular**

Economics focuses on the persuasive impact of economics on the lives of people. The course is designed so students can master the basic macroeconomic concepts, tools of analysis, and the language of the discipline. Acquiring competencies and knowledge of practical economic concepts is stressed so students can learn to make informed, rational, and effective economic decisions as participants in a capitalist economy. Examining how the various components and sectors of the economy interact in the real world is studied as students analyze economic decision making by consumers, producers and government.

## **AP MICROECONOMICS**

**Credit: 0.5**

**SS504**

**Grade: 12**

**Type: Advanced Placement**

The purpose of this course is to provide a thorough understanding of the principles of economics that apply to both consumers and producers as decision makers within the larger economic system. Advanced Placement courses are taught and graded at the college level and require a high degree of student commitment. AP students are preparing for the AP Microeconomics test. Students must check with colleges to determine transferability of AP test scores. Students enrolled in this course are encouraged to take the AP Microeconomics Exam in May for possible college credit.

## **UNITED STATES GOVERNMENT ACC DUAL CREDIT**

**Credit: 0.5**

**SS703**

**Grade: 12**

**Type: Dual Credit**

This course is an introduction to United States national 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. The government department strongly recommends that students complete ENGL 1301 or the equivalent with a grade of C or higher prior to enrolling in GOVT 2305. Course fees may apply.

**Prerequisites: Must meet ACC admission requirements**

## Social Studies Electives

### PSYCHOLOGY

**Credit: 0.5**

**SS701**

**Grade: 10-12**

**Type: Regular**

This course is a general overview of the nature of Psychology and a study of the physiological basis of behavior and psychological processes. It is an introduction to personality development, perception, emotion, and mental health. Prerequisites: English I and English II

### PSYCHOLOGY ACC DUAL CREDIT

**Credit: 0.5**

**SS701A**

**Grade: 10-12**

**Type: Dual**

**Credit** This course is a survey of introductory topics such as learning, memory, sensation and perception, personality, lifespan development, physiological basis of behavior, stress and health, psychological disorders, social psychology, and research methods. Course fees may apply. **Course dependent on ACC instructor availability.**

**Prerequisites: Must meet ACC admission requirements**

### AP PSYCHOLOGY

**Credit: 0.5**

**SS702**

**Grade: 10-12**

**Type: Advanced**

**Placement** The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their practice. Students enrolled in this course are encouraged to take the Advanced Placement Psychology Exam in May for possible college credit.

### SOCIOLOGY ACC DUAL CREDIT

**Credit: 0.5**

**SS704**

**Grade: 10-12**

**Type: Dual Credit**

This course is a survey of introductory topics such as learning, memory, sensation and perception, personality, lifespan development, physiological basis of behavior, stress and health, psychological disorders, social psychology, and research methods. Course fees may apply. Course dependent on ACC instructor availability.

**Prerequisites: Must meet ACC admission requirements**

### MEXICAN AMERICAN STUDIES

**Credit: 1**

**SS510**

**Grade: 10-12**

**Type: Regular**

In this course students learn about the history and cultural contributions of Mexican Americans by exploring 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.

### AFRICAN AMERICAN STUDIES

**Credit: 1**

**SS511**

**Grade: 10-12**

**Type: Regular**

Students learn about the history and cultural contributions of African Americans 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. 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.

## Languages Other than English (LOTE)

LEVEL	Year 1	Year 2	Year 3	Year 4
German	German I	German II	Honors German III	German IV AP
Spanish	Spanish I or Spanish I Native Speaker or Spanish I Honors	Spanish II or Spanish II Native Speaker or Spanish II Honors	Spanish III or Spanish III Native Speaker or Spanish III Honors	Spanish IV AP or Spanish V AP
ASL	American Sign Language (ASL) I	American Sign Language (ASL) II	American Sign Language (ASL) III	American Sign Language (ASL) III

**GERMAN I****Credit: 1****FL201****Grade: 9-12****Type: Regular**

This course serves as an introduction to the study of the German language and culture. Students will utilize the language communication via skits, task-based projects and simple text analysis. By the end of the course, students will have a basic command of functional German language.

**GERMAN II****Credit: 1****FL211****Grade: 9-12****Type: Regular**

Students will increase their vocabulary as they are introduced to more complex structures. Students will encounter more difficult reading texts, and writing tasks. At the end of this course, students will have a novice to intermediate command of the German language. Students will continue learning via skits and task-based projects.

**Prerequisites: German I****HONORS GERMAN III****Credit: 1****FL222****Grade: 10-12****Type: Honors**

German III Honors concentrates on advanced reading and writing skills. Students will analyze and respond to authentic texts. By the end of this course, students will have an intermediate to advanced command of the German language.

**Prerequisites: German II****AP GERMAN IV****Credit: 1****FL234****Grade: 10-12****Type: Honors**

Students will be expected to have a working knowledge of the German language, write essays, and converse in German. Listening to and reading short stories are a critical aspect of the structure of this course. Students must check with colleges to determine transferability of AP test scores.

**Prerequisites: German III****SPANISH I****Credit: 1****FL101****Grade: 9-12****Type: Regular**

This course is an introduction to the study of standard Spanish and Hispanic culture through conversation, grammar, reading, and writing. Focus is on basic communication skills, pronunciation, writing, and reading comprehension.

**NATIVE SPEAKERS SPANISH I****Credit: 1****FL****Grade: 9****Type: Regular**

Students with excellent Spanish communication skills receive credit for Spanish I. The main objective of this course is to enrich the students' total language experience by building on their language proficiency. The focus is on increasing students' ability to use Spanish for both formal and informal situations and on developing their literacy skills.

**Prerequisites: Identified as Emergent Bilingual and earn a qualifying score on the Spanish diagnostic****SPANISH I HONORS****Credit: 1****FL102****Grade: 9-12****Type: Honors**

Expands and builds on knowledge acquired in Spanish I using a wider range of time frames, culture and history of Hispanic countries continues. The course will be taught primarily in Spanish with emphasis on preparation for advanced coursework in Spanish.

**Prerequisites: Spanish I****SPANISH II****Credit: 1****FL111****Grade: 9-12****Type: Regular**

This course expands and builds on knowledge acquired in Spanish I. Students will communicate using a wider range of time frames. The study of the culture and history of Hispanic countries continues.

**Prerequisites: Spanish I****NATIVE SPEAKERS SPANISH II****Credit: 1****FL****Grade: 10****Type: Regular**

Students with excellent Spanish communication skills receive credit for Spanish II. The main objective of this course is to enrich the students' total language experience by building on their language proficiency. The focus is on increasing students' ability to use Spanish for both formal and informal situations and on developing their literacy skills.

**Prerequisites: Spanish 1, Identified as Emergent Bilingual and earn a qualifying score on the Spanish Diagnostic****SPANISH II HONORS****Credit: 1****FL112****Grade: 9-12****Type: Honors**

Expands and builds on knowledge acquired in Spanish I using a wider range of time frames, culture and history of Hispanic countries continues. The course will be taught primarily in Spanish with emphasis on preparation for advanced coursework in Spanish.

**Prerequisites: Spanish I**

# Air Force Junior Reserve Officer Training Corps (AFJROTC)

LEVEL	Level 1	Level 2	Level 3	Level 4
AFJROTC	AFJROTC I	AFJROTC II	AFJROTC III	AFJROTC IV

## AFJROTC AEROSPACE SCIENCE I AND LEADERSHIP EDUCATION I

**Credit: 1**

**EL201**

**Grade: 9-12**

**Type: Regular**

This is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. **Leadership Education I** introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program providing a basis for progression through the rest of the AFJROTC program while instilling elements of good citizenship. It contains sections on cadet and Air Force organizational structure, uniform wear, customs, courtesies, and other military traditions, health and wellness, fitness, individual self-control, and citizenship.

## AFJROTC AEROSPACE SCIENCE II AND LEADERSHIP EDUCATION II

**Credit: 1**

**EL202**

**Grade: 10-12**

**Type: Regular**

This course is designed to acquaint the student with the aerospace environment, the human requirements of flight, and principles of aircraft flight and aircraft navigation. The course begins with a discussion of the atmosphere and weather. **Leadership Education II** stresses communications skills and cadet corps activities. Much information is provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Written reports and speeches complement the academic materials. Cadet corps activities include holding positions of greater responsibility in the planning and execution of corps projects.

**Prerequisites: Aerospace Science I**

## AFJROTC AEROSPACE SCIENCE III AND LEADERSHIP EDUCATION III

**Credit: 1**

**EL203**

**Grade: 11-12**

**Type: Regular**

The third year of AFJROTC introduces a science course that examines our solar system, along with the latest advancements in space technology and the challenges that space presents. **Leadership Education III** students will learn how to become a more confident financial planner and to save, invest, and spend money wisely, as well as how to avoid the credit trap. The leadership element of this course shows cadets the importance of a college degree, along with necessary skills that will help cadets apply for jobs in the future.

**Prerequisites: Aerospace Science II**

## AFJROTC AEROSPACE SCIENCE IV AND LEADERSHIP EDUCATION IV

**Credit: 1**

**EL204**

**Grade: 12**

**Type: Regular**

The final year of JROTC is available to cadets who have completed all previous years and are invited to take a fourth. These cadets manage the entire corps, which allows the cadets to use the skills taught the previous years. This management experience will prove very useful for future years in college and in the job field. **Leadership Education IV** course provides exposure to the fundamentals of management.

**Prerequisites: Aerospace Science III**

## Career & Technical Education (CTE)

### Agriculture, Food, and Natural Resources

**Industry Certifications Offered:**  
AWS D9.1 Sheet Metal Welding, OSHA 30,  
and Level 1 Floral

Program of Study	Level 1	Level 2	Level 3	Level 4
<b>Animal Science</b>	Principles of Agriculture, Food, and Natural Resources	Small Animal and Equine Science	Livestock Production	Practicum in Agriculture, Food, and Natural Resources
<b>Plant Science</b>		Floral Design with Lab	Greenhouse Operations	
<b>Applied Agriculture Engineering</b>		Agricultural Mechanics and Metal Technologies	Agricultural Structures Design and Fabrications	

### PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES

**Credit: 1**

**C100**

**Level 1**

**Type: Regular**

This course allows students to develop knowledge and skills regarding career opportunities related to the agriculture industry, personal development, globalization, industry standards, practices, and expectations. All students are encouraged to participate in FFA.

### EQUINE SCIENCE

**Credit: 0.5**

**C118**

**Level: 2**

**Type: Regular**

Students will acquire knowledge and skills related to equine animal systems and the equine industry: horses, donkeys, and mules to prepare for careers in the field of animal science. Students enhance academic knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

**Prerequisites:** *Principles of Agriculture, Food, and Natural Resources*

**Corequisite:** *Small Animal Management*

### SMALL ANIMAL MANAGEMENT

**Credit: 0.5**

**C109**

**Level: 2**

**Type: Regular**

Students will acquire knowledge and skills related to small animals and the small animal management industry to prepare for careers in the field of animal science, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

**Prerequisites:** *Principles of Agriculture, Food, and Natural Resources*

**Corequisite:** *Equine Science*

### AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES

**Credit: 2 (2 Class Periods)**

**C101**

**Level: 2**

**Type: Regular**

This course 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.

**Prerequisites:** *Principles of Agriculture, Food, and Natural Resources*

### FLORAL DESIGN WITH LAB

**Credit: 2 (2 Class Periods)**

**C117L**

**Level 2-3**

**Type: Regular**

Students will respond to and analyze floral designs to prepare for careers in floral design, 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.

**Prerequisites:** *Principles of Agriculture, Food, and Natural Resources*

### LIVESTOCK PRODUCTION

**Credit: 1**

**C104**

**Level 3**

**Type: Regular**

To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge related to beef cattle, dairy cattle, swine, sheep, goats, and poultry and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

**Prerequisites:** *Small Animal Management and Equine Science*

**GREENHOUSE OPERATION AND PRODUCTION****Credit: 1****C****Level: 3****Type: Regular**

This course is designed to develop an understanding of greenhouse production techniques and practices in order to prepare for careers in 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.

**Prerequisites:** *Floral Design with Lab*

**AGRICULTURAL STRUCTURES DESIGN AND FABRICATION****Credit: 2 (2 Class Periods)****C102L****Level: 3****Type: Regular**

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.

**Prerequisites:** *Agricultural Mechanics and Metal Technologies*

**PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES****Credit: 2 (2 Class Periods)****C112****Level: 4****Type: Regular**

The practicum course is a paid or unpaid capstone experience to develop work-readiness for students participating in a coherent sequence of career and technical education courses in Agriculture, Food, and Natural Resources Career Cluster.

**Prerequisites:** *Livestock, or Agricultural Structures Design and Fabrication, or Floral Design with Lab*  
**Recommended Corequisite:** *Agricultural Mathematics*

**Science, Technology, Engineering, and Mathematics (STEM)**

**Certifications Offered:**  
Autodesk Inventor, OSHA 30, IT certifications

Program of Study	Level 1	Level 2	Level 3	Level 4
<b>Cybersecurity</b>	Principles of Information Technology	Computer Science 1	Networking with Lab	Practicum in Information Technology
<b>Engineering</b>	Introduction to Engineering Design (PLTW)	Manufacturing Engineering Technology	Engineering Design & Problem Solving	Scientific Research and Design

**PRINCIPLES OF INFORMATION TECHNOLOGY****Credit: 1****C200****Level: 1****Type: Regular**

In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

**INTRODUCTION TO ENGINEERING DESIGN (PLTW)****Credit: 1****C812****Level: 1****Type: Regular**

Students study the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. Utilizing PLTW's project based teaching and learning strategies students' progress from structured activities to complex projects that require detailed planning, documentation, and communication. The course's rigorous pace requires students to develop an engineering mindset.

## COMPUTER SCIENCE I

**Credit: 1**

**C202**

**Level: 2**

**Type: Regular**

Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems.

**Prerequisites:** *Principles in Information Technology, Algebra I*

## NETWORKING WITH LAB

**Credit: 2 (2 Class Periods)**

**C204**

**Level: 4**

**Type: Regular**

Students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

**Prerequisites:** *Computer Science I and Algebra I*

**Recommended Prerequisite or Corequisite:** *Algebra II*

## PRACTICUM OF INFORMATION TECHNOLOGY

**Credit: 2 (2 Class Periods)**

**C221**

**Level: 4**

**Type: Regular**

In Practicum of Information Technology, students will gain advanced knowledge and skills in the application, design, production, implementation and assessment of software applications. Students will create applications for mobile devices and learn terms and concepts related to mobile app development. Students will be prepared to work independently in this rapidly growing industry.

**Prerequisites:** *Networking with Lab*

## MANUFACTURING ENGINEERING TECHNOLOGY

**Credit: 1**

**C815**

**Level: 2**

**Type: Regular**

In Manufacturing Engineering Technology I, students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. The study of manufacturing engineering will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting.

**Prerequisites:** *Introduction to Engineering and Design*

## ENGINEERING DESIGN AND PROBLEM SOLVING

**Credit: 1**

**C803**

**Level: 3**

**Type: Regular**

The Engineering Design and Problem Solving course is the creative process of solving problems by identifying needs and then devising solutions. The solution may be a product, technique, structure, or process depending on the problem. Various engineering disciplines address a broad spectrum of design problems using specific concepts from the sciences and mathematics to derive a solution. The design process and problem solving are inherent to all engineering disciplines.

**Prerequisites:** *Algebra I, Geometry, Principles of Applied Engineering, and Manufacturing Engineering Technology*

## SCIENTIFIC RESEARCH AND DESIGN

**Credit: 1**

**C813**

**Level: 4**

**Type: Regular**

Scientific Research and Design is a broad-based course that has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. All of these components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education.

**Prerequisites:** *Engineering Design and Problem Solving*

Arts, Audio Visual Technology, and Communications		Certifications Offered: Adobe Creative Cloud		
Program of Study	Level 1	Level 2	Level 3	Level 4
Digital Communications	Principles in Arts, AV Technology, and Communications	Audio Visual Production I with Lab	Audio Visual Production II with Lab	Practicum of Audio Video Production
Design and Multimedia Arts: Yearbook		Graphic Design and Illustration I with Lab: Yearbook	Graphic Design and Illustration II with Lab: Yearbook	Practicum in Graphic Design: Yearbook
Design and Multimedia Arts: Journalism		Graphic Design and Illustration I with Lab: Journalism	Graphic Design and Illustration II with Lab: Journalism	Practicum in Graphic Design: Journalism

### PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS

**Credit: 1**

**C206**

**Level: 1**

**Type: Regular**

Students will be expected to develop an understanding of the careers available in the industry with a focus on graphic design fundamentals, as well as pre-production, production, and post-production cycle.

### AUDIO VIDEO PRODUCTION I W/ LAB

**Credit: 2 (1 class period)**

**C207**

**Level: 2**

**Type: Regular**

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, 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. This course requires time and effort outside of the school day.

**Prerequisites: Principles of Arts, Audio Video, and Communications**

### GRAPHIC DESIGN AND ILLUSTRATION I: YEARBOOK

**Credit: 2 (1 class period)**

**C215Y**

**Level: 2**

**Type: Regular**

This course focuses on Graphic Design strategies applied to Yearbook. Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, 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 industry with a focus on fundamental elements and principles of visual art and design.

**Prerequisites: Principles of Arts, Audio Video, and Communications**

### GRAPHIC DESIGN AND ILLUSTRATION I: JOURNALISM

**Credit: 2 (1 class period)**

**C215J**

**Level: 2**

**Type: Regular**

This course focuses on Graphic Design strategies applied to Journalism. Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, 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 industry with a focus on fundamental elements and principles of visual art and design.

**Prerequisites: Principles of Arts, Audio Video, and Communications**

### AUDIO VIDEO PRODUCTION II W/ LAB

**Credit: 2 (2 Class Periods)**

**C208L**

**Level: 3**

**Type: Regular**

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. This course may be implemented in an audio format or a format with both audio and video. This course requires time and effort outside of the school day.

**Prerequisites: Audio Video Production I**

### GRAPHIC DESIGN AND ILLUSTRATION II: YEARBOOK

**Credit: 2 (2 Class Periods)**

**C216Y**

**Level: 3**

**Type: Regular**

This course focuses on Graphic Design strategies applied to Yearbook. Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

**Prerequisites: Graphic Design and Illustration I w/ Lab**

**GRAPHIC DESIGN AND ILLUSTRATION II: JOURNALISM****Credit: 2 (2 Class Periods)****C216J****Level: 3****Type: Regular**

This course focuses on Graphic Design strategies applied to Journalism. Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

**Prerequisites: Graphic Design and Illustration I w/ Lab****PRACTICUM IN AUDIO/VIDEO PRODUCTION****Credit: 2 (2 Class Periods)****C211****Level: 4****Type: Regular**

Careers in audio/video production span all aspects of the audio/video communications industry. 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 requires time and effort outside of the school day.

**Prerequisites: Audio Video Production II with Lab****PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION: YEARBOOK****Credit: 2 (2 Class Periods)****C218Y****Level: 4****Type: Regular**

This course focuses on Graphic Design strategies applied to Yearbook. Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. Students will be expected to develop a technical understanding of the industry with a focus on skill proficiency.

**Prerequisites: Graphic Design and Illustration II****PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION: JOURNALISM****Credit: 2 (2 Class Periods)****C218J****Level: 4****Type: Regular**

This course focuses on Graphic Design strategies applied to Yearbook. Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. Students will be expected to develop a technical understanding of the industry with a focus on skill proficiency.

**Prerequisites: Graphic Design and Illustration II**

Business, Marketing, and Finance		Certifications Offered: Microsoft Office, Quickbooks		
Program of Study	Level 1	Level 2	Level 3	Level 4
Accounting and Finance	Principles of Business, Marketing, and Finance	Accounting 1	Accounting II	Practicum in Entrepreneurship
Marketing and Sales		Sports and Entertainment Marketing I and II	Advanced Marketing	
Business Management				

**PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE****Credit: 1****C300****Level: 1****Type: Regular**

This course is an introductory course where 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. 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.

**SPORTS AND ENTERTAINMENT MARKETING I****Credit: 0.5****C301****Level: 2****Type: Regular**

This course will cover basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

**Prerequisites: Principles of Business, Marketing, and Finance****Corequisite: Sports and Entertainment Marketing II****SPORTS AND ENTERTAINMENT MARKETING II****ACCOUNTING II**

**Credit: 0.5**  
**Level: 2**  
 This course builds upon students' prior knowledge of sports and entertainment marketing. Students will develop a thorough understanding of advanced marketing concepts and theories as they relate to the sports and entertainment industries.

**Prerequisites: Principles of Business, Marketing, and Finance**

**Corequisite: Sports and Entertainment Marketing I**

### ADVANCED MARKETING

**Credit: 2 (2 Class Periods)**

**Level: 3**

Students will gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. Students will illustrate appropriate management and research skills to solve problems related to marketing.

**Prerequisites: Sports and Entertainment Marketing I and II**

### ACCOUNTING I

**Credit: 1**

**Level: 2**

Students will 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 will additionally formulate and interpret financial information for use in management decision making.

**Prerequisites: Principles of Business, Marketing, and Finance**

**Credit: 1**  
**Level: 3**

Students will 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 will reflect on this knowledge as they engage in various managerial, financial, and operational accounting activities.

**Prerequisites: Accounting I**

### PRACTICUM IN ENTREPRENEURSHIP

**Credit: 2 (2 Class Periods)**

**Level: 4**

Students will work in close cooperation with classmates, campus staff, local industry leaders, community members, and district educators to develop ideas and objectives, complete a business model canvas, pitch to potential investors, register with governmental agencies, and develop brand identity.

**Prerequisites: Accounting II or Advanced Marketing**

Hospitality and Tourism		Certifications Offered: ServSafe Manager		
Program of Study	Level 1	Level 2	Level 3	Level 4
Culinary Arts	Introduction to Culinary Arts	Culinary Arts I	Advanced Culinary	Practicum in Culinary Arts: Cooking
				Practicum in Culinary: Baking

### INTRODUCTION TO CULINARY ARTS

**Credit: 1**

**Level: 1**

The course includes training in the fundamentals of basic food production, nutrition, sanitation, and management services, as well as reinforcement of basic skills in communication, listening, following directions, and math skills. These students will learn every aspect of the food service industry from preparation, storage, presentation, service, and the business side.

### ADVANCED CULINARY ARTS

### CULINARY ARTS I

**Credit: 2 (2 Class Periods)**

**Level: 2**

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. Students can pursue a national sanitation certification, or other appropriate industry certification.

**Prerequisites: Introduction to Culinary Arts**

### PRACTICUM IN CULINARY: FUNDAMENTALS OF

**Credit: 2 (2 Class Periods)**

**Level: 3**

**C606**  
**Type: Regular**

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. Students can pursue a national sanitation certification, or other appropriate industry certification.

**Prerequisites: Culinary Arts 1**

### **PRACTICUM IN CULINARY: FUNDAMENTALS OF COOKING**

**Credit: 2 (2 Class Periods)**

**Level: 4**

**C605**  
**Type: Regular**

This course is a continuation of Culinary Arts. This course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with laboratory-based actual business and industry career experiences.

**Prerequisites: Culinary Arts II**

### **BAKING**

**Credit: 2 (2 Class Periods)**

**Level: 4**

**C605B**

**Type: Regular**

This course is a continuation of Culinary Arts. This course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with laboratory-based actual business and industry career experiences.

**Prerequisites: Culinary Arts II**

Transportation, Distribution, and Logistics		Certifications Offered: OSHA 30, ASE, and I-Car		
Program of Study	Level 1	Level 2	Level 3	Level 4
Automotive Services	Automotive Basics	Small Engine Technology	Automotive Technology I	Automotive Technology II
		Collision and Repair	Paint and Refinishing	Practicum in Refinish and Repair

### **AUTOMOTIVE BASICS**

**Credit: 1**

**Level: 1**

**C901A**  
**Type: Regular**

In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

### **SMALL ENGINE TECHNOLOGY I**

**Credit: 1**

**Level: 2**

**C911**  
**Type: Regular**

This course is designed to provide training for employment in the small engine technology industry. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems. In addition, the student will receive instruction in safety, academic, and leadership skills as well as career opportunities.

**Prerequisites: Automotive Basics**

### **COLLISION AND REPAIR**

**Credit: 2 (2 Class Periods)**

**Level: 2**

**C907**  
**Type: Regular**

Collision Repair includes knowledge of the processes, technologies, and materials used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive collision repair and refinishing.

**Prerequisites: Basic Collision Repair**

### **AUTOMOTIVE TECHNOLOGY I**

**Credit: 2 (2 Class Periods)**

**Level: 3**

**C901**  
**Type: Regular**

This course includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems, as well as applicable safety and environmental rules and regulations. Students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems and reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. **Prerequisites: Small Engine Technology I**

### **PAINT AND REFINISHING**

### **AUTOMOTIVE TECHNOLOGY II**

**Credit: 2 (2 Class Periods)** **C905**  
**Level: 3** **Type: Regular**  
 Paint and Refinishing includes knowledge of the processes, technologies, and materials used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive paint and refinishing.  
**Prerequisites: Collision and Repair**

**PRACTICUM IN TRANSPORTATION SYSTEMS: REFINISH AND REPAIR**

**Credit: 2 (2 Class Periods)** **C908**  
**Level: 4** **Type: Regular**  
 This course gives students supervised practical application of knowledge and skills in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories.  
**Prerequisites: Paint and Refinishing**

**Credit: 2 (2 Class Periods)** **C903**  
**Level: 4** **Type: Regular**  
 This course includes applicable safety and environmental rules and regulations as well as knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems.  
**Prerequisites: Automotive Technology I**

Education and Training		Certifications Offered: Educational Aide I,		
Program of Study	Level 1	Level 2	Level 3	Level 4
Teaching and Training	Principles of Education and Training	Human Growth and Development	Instructional Practices in Education and Training	Practicum in Education and Training
Associates in Arts in Teaching (AAT) Focus		Learning Framework EDUC 1300		Intro to Teaching EDUC 1301 and Intro to Special Pops EDUC 2301

**PRINCIPLES OF EDUCATION AND TRAINING**  
**Credit: 1** **C400**  
**Level: 1** **Type: Regular**  
 This course introduces 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.

**HUMAN GROWTH AND DEVELOPMENT**

**Credit: 1**  
**Level: 2** **Type: Regular**  
 This course addresses knowledge and skills related to human development throughout the lifespan. Students use skills to promote the well-being and healthy development of children and adults, as well as investigate careers related to the education of humans through adolescence.  
**Prerequisites: Principles of Education and Training**

**PRACTICUM IN EDUCATION AND TRAINING**  
**Credit: 2 (2 Class Periods)** **C402**  
**Level: 4** **Type: Regular**  
 This field-based internship analyzes human development principles 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 education and exemplary educators in direct instructional roles with middle school and high school-aged students. Students learn to plan and direct individualized instruction and group activities. Students are able to earn field hours required for the Educational Aide I certification, as well as for the AAT requirements.  
**Prerequisites: Instructional Practices in Education and Training**

**INSTRUCTIONAL PRACTICE IN EDUCATION AND TRAINING**

**INTRODUCTION TO THE TEACHING PROFESSION: EDUC 1301 (FALL)**

**Credit: 2 (2 Class Periods)**

**C401**

**Level: 3**

**Type: Regular**

This course provides students with foundational 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 education and exemplary educators or trainers in direct instructional roles with middle school and high school-aged students.

**Prerequisites:** *Human Growth and Development*

**LEARNING FRAMEWORK: EFFECTIVE STRATEGIES FOR COLLEGE SUCCESS (EDUC 1300)**

**Credit: 0.5**

**C408**

**Level: 2-3**

**Type: Dual Credit**

This ACC Dual Credit course prepares students for success in college-level coursework, as well as prepares pre-education majors with foundational knowledge on how people learn.

**Prerequisites:** *TSI Complete*

**Credit: 0.5**

**C409**

**Level:4**

**Type: Dual Credit**

An integrated pre-service course and content experience for those interested in a teaching career. Activities will include a focus on developing systematic observation skills and an overview of the dimensions of teaching. Students will participate in a minimum of 16 contact hours in P-12 classrooms with varied and diverse student populations. The field observations will take place in four settings: early childhood, elementary, middle, and high schools. The field observations will be used to support the connection of theory to actual practice. Students in EDUC 1301 must pass a criminal history background check

**Prerequisites:** *EDUC 1300 and 1301 Background Checks with ACC and AISD*

**INTRODUCTION TO SPECIAL POPULATIONS: EDUC 2301 (SPRING)**

**Credit:0.5**

**C410**

**Level:4**

**Type: Regular**

An enriched, integrated, pre-service and content experience that provides an overview of schooling and classrooms from the perspectives of language, gender, socioeconomic status, ethnic/ethnicity, sexual orientation and academic diversity, and equity with an emphasis on factors that facilitate learning. Students will participate in a minimum of 16 contact hours in P-12 classrooms with varied and diverse student populations. Service learning will be used to support the connection of theory to the actual practice of developing meaningful learning experiences for diverse students.

**Prerequisites:** *EDUC 1301*

Health Science		Certifications Offered: Pharmacy Technician, Certified Medical Assistant, Physical Trainer and EKG Technician		
Program of Study	Level 1	Level 2	Level 3	Level 4
Diagnostics	Principles of Health Science	Health Science Theory	Anatomy & Physiology and Medical Terminology	Pathophysiology and Medical Microbiology
Therapeutics				Practicum in Health Science: Pharmacy Tech or Medical Assistant
Exercise Science and Wellness	Principles of Exercise and Wellness	Kinesiology 1	Anatomy & Physiology	Practicum in Health Science: Personal Trainer

### PRINCIPLES OF HEALTH SCIENCE

**Credit: 1**

**C500**

**Level: 1**

**Type: Regular**

Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. Students will learn about the knowledge and skills needed to enter the healthcare industry in diagnostics and therapeutics.

**Corequisite: Biology**

### PRINCIPLES OF EXERCISE AND WELLNESS

**Credit: 1**

**C520**

**Level: 1**

**Type: Regular**

This course introduces students to the fields that assist patients with maintaining physical, mental, and emotional health. Students will research diet and exercise needed to maintain a healthy, balanced lifestyle and learn about and practice techniques to help patients recover from injury, illness, or disease.

### HEALTH SCIENCE THEORY

**Credit: 1**

**C501**

**Level: 2**

**Type: Regular**

The 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

**Prerequisites: Principles of Health Science and Biology**

### KINESIOLOGY I

**Credit: 1**

**C521**

**Level: 2**

**Type: Regular**

Students will research and apply in real world opportunities diet and exercise needed to maintain a healthy, balanced lifestyle and learn about and apply techniques to help patients recover from injury, illness, or

### ANATOMY & PHYSIOLOGY

**Credit: 1**

**C504**

**Level: 3**

**Type: Regular**

Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

**Prerequisites: Biology, Chemistry, Health Science Theory or Kinesiology I**

**Corequisites: Medical Terminology**

### MEDICAL TERMINOLOGY

**Credit: 1**

**C510**

**Level: 3**

**Type: Regular**

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 and to communicate effectively with medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

**Prerequisites: Biology, a second science credit, and Health Science Theory**

**Corequisites: Anatomy & Physiology**

### PATHOPHYSIOLOGY

**Credit: 1**

**C503**

**Level: 4**

**Type: Regular**

Students in Pathophysiology will study disease and injury processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.

**Prerequisites: Biology, Chemistry, Medical Terminology, and Anatomy & Physiology**

**Corequisites: Medical Microbiology**

disease.

### **MEDICAL MICROBIOLOGY**

**Credit: 1**

**C502**

**Level: 4**

**Type: Regular**

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.

**Prerequisites:** *Biology, Chemistry, Medical Terminology, and Anatomy & Physiology*

**Corequisites:** *Pathophysiology*

### **PRACTICUM IN HEALTH SCIENCE: PERSONAL TRAINER**

**Credit: 2 (2 Class Periods)**

**C523**

**Level: 4**

**Type: Regular**

This course will provide real-world opportunities for students to apply their knowledge and earn an industry certification as a personal trainer.

**Prerequisites:** *Kinesiology I, Anatomy & Physiology, Background Check, TB Test, and Drug Screening required.*

### **PRACTICUM IN HEALTH SCIENCE: PHARM TECH**

**Credit: 2 (2 Class Periods)**

**C506**

**Level: 4**

**Type: Regular**

This course will provide real-world opportunities for students to apply their knowledge and earn an industry certification as a pharmacy technician or certified medical assistant.

**Prerequisites:** *Anatomy & Physiology and Medical Terminology, Background Check, TB Test, and Drug Screening required.*

### **PRACTICUM IN HEALTH SCIENCE: CCMA**

**Credit: 2 (2 Class Periods)**

**C505**

**Level: 4**

**Type: Regular**

This course will provide real-world opportunities for students to apply their knowledge and earn an industry certification as certified medical assistant.

**Prerequisites:** *Anatomy & Physiology and Medical Terminology, Background Check, TB Test, and Drug Screening required.*

Law and Public Services		Certifications Offered: Emergency Medical Technician,		
Program of Study	Level 1	Level 2	Level 3	Level 4
Emergency Services	Principles of Law, Public Safety, Corrections and Security	Disaster Response	Anatomy and Physiology	Practicum in Law, Public Safety, Correction, and Security
			Firefighter 1 @ Hays CISD Fire Academy	Firefighter 2 @ Hays CISD Fire Academy
Law Enforcement		Law Enforcement I	Law Enforcement II	Practicum in Law, Public Safety, Corrections, and Security
				Forensic Science

### **PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY**

**Credit: 1**

**C820**

**Level: 1**

**Type: Regular**

This course introduces students to professions in law enforcement, protective services, corrections, firefighting, 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.

### **DISASTER RESPONSE**

**Credit: 1**

**C821**

**Level: 2**

**Type: Regular**

Disaster Response includes basic disaster survival and rescue skills that would improve the ability of citizens to survive until responders or other assistance could arrive. Students will receive education, training, and volunteer service to make communities safer, stronger, and better prepared to respond to the threats of terrorism, crime, public health issues, and disasters of all kinds.

**Prerequisites:** *Principles of Law and Public Safety*

## **LAW ENFORCEMENT I**

**Credit: 1**

**C822**

**Level: 2**

**Type: Regular**

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime.

**Prerequisites: Principles of Law and Public Safety**

## **LAW ENFORCEMENT II**

**Credit: 1**

**C823**

**Level: 3**

**Type: Regular**

This course provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony.

**Prerequisites: Law Enforcement I**

## **FIREFIGHTER I**

**Credit: 2 (2 Class Periods)**

**C**

**Level: 3**

**Type: Regular**

Firefighter I introduces students to firefighter safety and development. Students will analyze Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protective equipment, and the principles of fire safety.

**Prerequisites: Disaster Response, Background Check, TB Test, and Drug Screening required.**

## **ANATOMY & PHYSIOLOGY**

**Credit: 1**

**C504**

**Level: 3**

**Type: Regular**

In Anatomy and Physiology, students conduct laboratory and/ or field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

**Prerequisites: Biology, any second science credit, and Disaster Response**

## **FIREFIGHTER 2 with EMT**

**Credit: 3 (3 Class Periods)**

**C**

**Level: 4**

**Type: Regular**

Firefighter II is the second course for students studying firefighter safety and development. Students will understand Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protective equipment, and the principles of fire safety. Students will demonstrate proper use of fire extinguishers, ground ladders, fire hoses, and water supply apparatus systems.

**Prerequisites: Firefighter 1, Background Check, TB Test, and Drug Screening required.**

## **FORENSIC SCIENCE**

**Credit: 1**

**C511**

**Level: 4**

**Type: Regular**

Forensic Science is a laboratory-based science class designed for students to gain experience in the major investigative techniques currently used by forensic scientists and crime scene investigators, and to develop an understanding of the scientific concepts which serve as the basis for these techniques.

**Prerequisites: 3 science credits, Law Enforcement II**

## **PRACTICUM IN LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY: 911**

**Credit: 2 (2 Class Periods)**

**C826**

**Level: 4**

**Type: Regular**

This course is offered through Texas Public Safety Training Academy and is sanctioned by the Department of Health and Human Services as an Emergency Medical Technician training program. This course requires a background check, TB test, and a drug screening to participate.

**Prerequisites: Anatomy & Physiology, Background Check, TB Test, and Drug Screening required.**

## **PRACTICUM IN LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY: LAW ENFORCEMENT**

**Credit: 2 (2 Class Periods)**

**C827**

**Level: 4**

**Type: Regular**

This course 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. This course requires a background check and drug screening to participate.

**Prerequisites: Law Enforcement II, Background Check, TB Test, and Drug Screening required.**

Construction and Architecture		Certifications Offered: OSHA 30		
Program of Study	Level 1	Level 2	Level 3	Level 4
Construction Management	Principles of Construction	Construction Management I	Construction Management II	Practicum in Construction Technology

### PRINCIPLES OF CONSTRUCTION

**Credit: 1**

**C150**

**Level: 1**

**Type: Regular**

This course is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft/skilled areas and provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools.

**Prerequisite: Algebra 1 (May be concurrent)**

### CONSTRUCTION MANAGEMENT I

**Credit: 2 (2 Class Periods)**

**Level: 2**

**Type: Regular**

Students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors, as well as acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.

**Prerequisites: Algebra 1, Principles of Construction, and Geometry (may be concurrent)**

### CONSTRUCTION MANAGEMENT II

**Credit: 2 (2 Class Periods)**

**Level: 3**

**Type: Regular**

Students will gain knowledge and skills needed to enter the workforce as apprentice carpenters or building maintenance supervisors' assistants or to build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering and includes knowledge of the design, techniques, and tools related to the management of architectural and engineering projects.

**Prerequisite: Construction Management II, Geometry**

### PRACTICUM IN CONSTRUCTION MANAGEMENT

**Credit: 2 (2 Class Periods)**

**C153**

**Level: 4**

**Type: Regular**

Students will be challenged with the application of knowledge and skills gained in previous construction-related coursework in real-world opportunities such as internships and class projects.

**Prerequisite: Construction Management II**

## CTE Electives

### DOLLARS AND SENSE

**Credit: 0.5**

**C**

**Grade: 9-12**

**Type: Regular**

Dollars and Sense focuses on consumer practices and responsibilities, money-management processes, decision-making skills, impact of technology on financial decision making.

### LIFETIME NUTRITION

**Credit: 0.5**

**C992**

**Grade: 9-12**

**Type: Regular**

Lifetime Nutrition and Wellness is a laboratory course that 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.

### INTERPERSONAL STUDIES

**Credit: 0.5**

**C990**

**Grade: 9-12**

**Type: Regular**

This course examines the relationships between individuals and family members to significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

## Fine Arts

LEVEL	Level 1	Level 2	Level 3	Level 4
Art	Art I	Art II: Drawing I; Painting I; Sculpture I; Photography I	Art III: Drawing II or Painting II or Sculpture II or Photography II and/or AP Studio Art: Drawing; 2-D Design; 3-D Design	
	Floral Design			
Band	Symphonic Band I	Symphonic Band II	Symphonic Band III	Symphonic Band IV
	Wind Ensemble I	Wind Ensemble II	Wind Ensemble III	Wind Ensemble IV
	Percussion I	Percussion II	Percussion III	Percussion IV
	Jazz Band I	Jazz Band II	Jazz Band III	Jazz Band IV
	Color Guard I	Color Guard II	Color Guard III	Color Guard IV
Piano	Piano I	Piano II	Piano III	AP Music History
Orchestra	Orchestra I	Orchestra II	Orchestra III	Orchestra IV
Drill Team	Drill Team I	Drill Team II	Drill Team III	Drill Team IV
Choir	Concert Choir I	Concert Choir II	Concert Choir III	Concert Choir IV
	Varsity Choir I	Varsity Choir II	Varsity Choir III	Varsity Choir IV
	Treble Choir I	Treble Choir II	Treble Choir III	Treble Choir IV
	Tenor/Bass Choir I	Tenor/Bass Choir II	Tenor/Bass Choir III	Tenor/Bass Choir IV
Theatre	Theatre Arts I	Advanced Theatre Arts II	Advanced Theatre Arts III	Advanced Theatre Arts IV
	Technical Theatre I	Advanced Technical Theatre II	Advanced Technical Theatre III	Advanced Technical Theatre IV
	Varsity Theatre I	Varsity Theatre II	Varsity Theatre III	Varsity Theatre IV
	Varsity Technical Theatre I	Varsity Technical Theatre II	Varsity Technical Theatre III	Varsity Technical Theatre IV
Dance	Dance I	Dance II	Dance III	Dance IV
	Drill Team I	Drill Team II	Drill Team III	Drill Team IV
Elective	Applied Performance I	Applied Performance II	Applied Performance III	Applied Performance IV

## **ART I**

**Credit: 1**

**FA101**

**Grade: 9-12**

**Type: Regular**

Tools, techniques, and mediums of art making will be explored as well as producing artistic responses to the media in useful and creative ways to master a visual vocabulary, primarily the elements and principles of art. The students will be expected to create art pieces that are inherently creative in nature.

## **ART II: SCULPTURE I**

**Credit: 1**

**FA113**

**Grade: 10-12**

**Type: Regular**

Students will explore additive and subtractive processes using a variety of techniques and materials such as wire, plaster, clay, wood, and other media. Students will study various 3D artworks from art history, and sketch, design, and build their own sculptures. Students will use conventional and unconventional materials, methods, and tools to create artworks. Students must provide a list of supplies.

**Prerequisites: Art I**

## **ART II: DRAWING I**

**Credit: 1**

**FA111**

**Grade: 10-12**

**Type: Regular**

Students will express ideas through original artworks using a variety of drawing media. They will be able to apply design skills using practical applications. The students will study historical periods as well as critique art work. Students must provide a list of supplies.

**Prerequisites: Art I**

## **ART II: PAINTING I**

**Credit: 1**

**FA112**

**Grade: 10-12**

**Type: Regular**

Students will explore traditional painting materials such as watercolor, acrylic, and oil paints. Students will learn how to stretch a canvas and paint on both traditional and non-traditional materials. Students must provide a list of supplies.

**Prerequisites: Art I**

## **Art II: PHOTOGRAPHY I**

**Credit: 1**

**FA114**

**Grade: 10-12**

**Type: Regular**

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 digital camera. Students will study the work of photographers and videographers throughout history. This course is designed to give students the photographic fundamentals needed to begin an area of concentration in the visual arts. Students must provide a digital camera and a list of supplies.

**Prerequisites: Art I**

## **FLORAL DESIGN**

**Credit: 1**

**C117E**

**Grade: 9-12**

**Type: Regular**

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.

## **ART III: PAINTING II**

**Credit: 1**

**Grade: 11-12**

**Type: Honors**

The course continues the upward spiral of the visual art curriculum. Students will problem-solve while experiencing new painting media and techniques. The course will assist students with the beginning construction of a portfolio for AP Art courses or university-level studies. Students must provide a list of supplies.

**Prerequisites: Art II: Painting I**

## **ART III: SCULPTURE II**

**Credit: 1**

**FA123**

**Grade: 11-12**

**Type: Honors**

Students will study various 3-D artworks from past to present, plus sketch, design, and build their own sculptures. The course will assist students with the beginning ideas for an AP Art portfolio or university-level studies. Students must provide a list of supplies.

**Prerequisites: Art II: Sculpture I**

## **ART III: DRAWING II**

**Credit: 1**

**FA121**

**Grade: 11-12**

**Type: Honors**

The course continues the upward spiral of the visual art curriculum. Students will problem-solve while experiencing new drawing media and techniques. The course will assist students with the beginning construction of a portfolio for AP Art courses or university-level studies. Students must provide a list of supplies.

**Prerequisites: Art II: Drawing I**

## **ART III: PHOTOGRAPHY II**

**Credit: 1**

**FA124**

**Grade: 11-12**

**Type: Honors**

Students will study various 3-D artworks from past to present, plus sketch, design, and build their own sculptures. The course will assist students with the beginning construction of a portfolio for AP Art courses or university-level studies. Students must provide a list of supplies.

**Prerequisites: Art II: Photography I**

### **AP STUDIO ART: 3-D DESIGN**

**Credit: 1**

**FA136**

**Grade: 11-12**

**Type: Advanced Placement**

The student creates a portfolio of work demonstrating the artistic skills and ideas they have developed, refined, and applied over the course of the year and submits the portfolio for evaluation by the College Board at the end of the year. 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.

**Prerequisites: 2 Art credits**

### **AP STUDIO ART: DRAWING**

**Credit: 1**

**FA134**

**Grade: 11-12**

**Type: Advanced Placement**

The AP Art curriculum is planned to encourage individual exploration of a variety of concepts and media. This studio course is designed to develop and encourage the students to submit a portfolio for the AP Studio Art Drawing exam. Students will develop a concentration 12 of related works that demonstrate a student's commitment to the thoughtful investigation of a specific visual interest or problem which is student driven. Five quality pieces of the students' best work will be sent to the college board for the AP Studio art exam final submission in May.

**Prerequisites: 2 Art credits**

### **AP STUDIO ART: 2-D DESIGN**

**Credit: 1**

**FA135**

**Grade: 11-12**

**Type: Advanced Placement**

The 2D design portfolio involves purposeful decision-making about how to use the elements and principles of design in visual compositions. The student creates a portfolio of work demonstrating the artistic skills and ideas they have developed, refined, and applied over the course of the year and submits the portfolio for evaluation by the College Board at the end of the year. 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.

**Prerequisites: 2 Art credits**

### **JAZZ BAND**

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

This course is an in-depth study of advanced instrumental techniques as they relate to instrumental and contemporary jazz literature. The major topics are literature of contemporary and traditional jazz and pop styles.

### **ORCHESTRA I**

**Credit: 1**

**FA250**

**Grade: 9-12**

**Type: Regular**

Basic instruction will be offered on violin, viola, cello, and bass. Fundamentals of technique and tone production will be stressed, as well as ensemble skills and music literacy. Beginning string orchestra class will prepare students for success in subsequent orchestra ensemble classes.

### **WIND ENSEMBLE I-IV**

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

The first part of the year is devoted to developing the marching band. Students acquire the ability to march and to perform memorized music. Students are expected to purchase additional supplies, and are expected to be in attendance for all performances of the marching band: football games, rehearsals, and sectionals that occur outside of school hours, pep rallies, and performances. Students also have the opportunity for individual advancement by trying out for the All-State Band organizations. The second part of the year is dedicated to developing students' playing abilities through concert music, solos, and small ensembles. Students are expected to be in attendance for all performances, rehearsals and sectionals that occur outside of school hours. There are required summer rehearsals. Symphonic Band I is a similar course; students will not receive credit for taking both.

**Prerequisites: Band tryout required**

### **SYMPHONIC BAND I-IV**

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

The first part of the year is devoted to developing the marching band. Students acquire the ability to march and to perform memorized music. Students are expected to purchase additional supplies, and are expected to be in attendance for all performances of the marching band: football games, rehearsals, and sectionals that occur outside of school hours, pep rallies, and performances. Students also have the opportunity for individual advancement by trying out for the All-State Band organizations. The second part of the year is dedicated to developing students' playing abilities through concert music, solos, and small ensembles. Students are expected to be in attendance for all performances, rehearsals and sectionals that occur outside of school hours. There are required summer rehearsals.

**Prerequisites: Band tryout required**

### **PIANO PERFORMANCE I**

**Credit: 1**

**Grade: 9-12**

**FA701**

**Type: Regular**

Designed for students who want to learn to play piano at the beginning level. No musical knowledge or previous experience is required. This course will cover basic music theory and apply it to beginning piano repertoire with increasing difficulty. Music history will be taught as it applies to the music or genre being studied. Student progress will be assessed through written work and in-class performances. This course includes a mandatory Fall and Spring Recital. **There is a \$30 course fee and required attendance at two summer workshops.**

## **PIANO PERFORMANCE II**

**Credit: 1**

**FA702**

**Grade: 10-12**

**Type: Regular**

This course will cover basic music theory and apply it to beginning piano repertoire with increasing difficulty. Music history will be taught as it applies to the music or genre being studied. Student progress will be assessed through written work and in-class performances. Performance at Fall and Spring Recitals is required. **There is a \$30 course fee**

**Prerequisites: Piano Performance I**

## **PIANO PERFORMANCE III**

**Credit: 1**

**Grade: 10-12**

**Type: Regular**

This course will build on students' music theory knowledge and apply it to their piano repertoire with increasing difficulty. Music history will be taught as it applies to the music or genre being studied. Student progress will be assessed through written work and in-class performances.

Performance at Fall and Spring Recitals is required. **There is a \$30 course fee.**

**Prerequisites: Piano Performance II**

## **AP MUSIC THEORY**

**Credit: 1**

**FA244**

**Grade: 9-12**

**Type: Advanced Placement**

This course introduces the student to musicianship, theory, musical materials, and procedure. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the theory course. The student's ability to read and write musical notation is fundamental. It is also strongly recommended that the student have acquired at least basic performance skills in voice or an instrument.

**Prerequisites: Band tryout required**

## **COLOR GUARD I-IV**

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

Color Guard competes with the Band Program. They learn lance, movement, flag, and other equipment. This group performs with the band at all football games and is a part of the competitive marching season. During the spring semester, the Winter Guard moves indoors to compete on the local, state, and national levels.

**Prerequisites: Band tryout and summer rehearsals required**

## **DRILL TEAM I-IV**

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

Students will acquire advanced skills in the following: jazz, hip hop, contemporary, lyrical, kick, pom and novelty, and are given the opportunity to express self-confidence through auditioning, rehearsing and performing in public appearances. This is the class for the Dance Team. This class satisfies a requirement for Fine Arts.

**Prerequisites: Drill Team tryouts required**

## **TREBLE CHOIR I-IV**

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

This choir is designed for students with beginning vocal experience and ability. No audition required; participation in the All-State Choir audition process and UIL Solo and Ensemble is optional, but highly encouraged.

Participation in all concerts is required; however, contests may be by audition only. Choir trips and special events are also part of the choral experience. **There is a \$30 course fee.**

## **VARSITY CHOIR / CHORALE I-IV**

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

Choir designed for students with advanced vocal experience. Participation in the All-State Choir audition process and UIL Solo and Ensemble is expected.

Participation in all contests and concerts is required.

Members are also required to perform the National Anthem once per semester. Choir trips and special events are also part of the LHS choral experience. **There is a \$50 course fee.**

**Prerequisites: Choir audition required**

## **CONCERT CHOIR I-IV**

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

Choir students perform at many exciting concerts and contests. In addition to working and performing as a large group, there is a focus on improving individual voice quality. This choir is for students with beginning to intermediate vocal experience and ability. Students are expected to participate in either All-State Choir audition process OR UIL Solo and Ensemble. Participation in all concerts and contests is required. Choir trips and special events are also part of the choral experience. **There is a \$30 course fee.**

**Prerequisites: Choir audition required**

## **MEN'S CHOIR I-IV / VOCAL ENSEMBLE I-IV**

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

This choir is designed for male students with beginning to advanced vocal experience and ability. No prerequisites, participation in the All-State Choir audition process and UIL Solo and Ensemble is optional. Participation in contests may be by audition only. Choir trips and special events are also part of the LHS choral experience. **There is a \$30 course fee**

## TECHNICAL THEATRE I

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

Introductory course exploring the various backstage aspects of the Theatre. The course consists of classroom learning and “hands-on” experiences in theatrical production. Topics include: Theatrical facilities, tools, set construction, stage rigging, lighting, basics of design, production evaluation and technical Theatre career opportunities. Workplace safety is stressed. There are a number of projects that supplement daily lessons. Students are provided an opportunity to participate in after hours production work.

## TECHNICAL THEATRE II

**Credit: 1**

**Grade: 10-12**

**Type: Regular**

This course expands on the concepts taught in Technical Theatre I, and begins to apply technologies used in live productions. The class focuses on sound, lighting, stagecraft, advanced rigging and stage management. After-school involvement in productions and other after school events is required.

**Prerequisites: Technical Theater I**

## TECHNICAL THEATRE III-IV

**Credit: 1**

**Grade: 11-12**

**Type: Honors**

Building on students' understanding of concepts taught in Technical Theatre 2, this course asks students to make informed choices in the process of creating live productions. This class explores advanced concepts of sound, lighting, stagecraft, rigging, design, and production management. Students are expected to synthesize and adapt knowledge to solve problems of production, and demonstrate increased responsibility for production leadership. Extensive after-school involvement in productions and other after school events is required.

**Prerequisites: Technical Theater II/III**

## THEATRE ARTS I

**Credit: 1**

**Grade: 9-12**

**FA501**

**Type: Regular**

This course is an introduction to the elements of theater, including basic acting techniques such as stage movement, mime, voice, diction, improvisation, and scene interpretation; exploration of technical theater and interpretation of dramatic literature. Students will study the history of the theater and will perform in a variety of theatrical modes, which may include classical and contemporary theater, dance, drama, mime, children's theater, and musical theater.

## THEATRE ARTS & PRODUCTION II-IV

**Credit: 1**

**Grade: 10-12**

**Type: Regular**

Students will develop skills in all aspects of theater production. Students will produce 4 to 6 productions during the course and will be required to participate in each of the following areas: acting/performance, technical/crew, and managerial/publicity. Advanced students may also be provided opportunities to develop directing and playwriting techniques.

**Prerequisites: Theatre Arts I**

## DANCE I-IV

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

Students will learn the following dance units: jazz, hip hop, contemporary, lyrical, kick, pom and novelty. Students will also learn how to correctly warm-up, stretch and condition. Basic choreography and combinations are taught. Dance II, III, and IV are continuations of the concepts and activities described in Dance I. This class is open to any student both male and female who wishes to fulfill a Fine Arts requirement

## APPLIED PERFORMANCE I-IV

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

Applied Performance is designed for students who want an advanced course on performance study. The class emphasizes the improvement of musicianship through the preparation of advanced repertoire. Participation in weekly recitals is mandatory and provides students opportunities to prepare various repertoire to perform for peer and director feedback. Students will learn how to constructively critique performances and gain experience defining an ideal aural and visual image. Members of the class are expected to audition for TMEA and compete at UIL solo and ensemble contests. Concurrent enrollment in an advanced-level choir, band, or theater course is required. **There is a \$40 course fee.**

**Prerequisites: Concurrent enrollment in band, choir, or theater**

## Physical Education

LEVEL	Level 1	Level 2	Level 3	Level 4
PE	Physical Education or Foundations of Personal Fitness or Aerobic sports or Team Sports			
Cheerleading	Cheerleading I	Cheerleading II	Cheerleading III	Cheerleading IIV

### PHYSICAL EDUCATION

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

May include Athletics, Cheerleading, Dance I, Drill Team, Band, Color Guard, PE - Foundations of Personal Fitness, PE - Individual & Lifetime Sports, PE - Team Sports & Recreational Games, PE - Weight Training, PE Waiver

### FOUNDATIONS OF PERSONAL FITNESS

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

The basic purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness.

### AEROBIC SPORTS

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

Students in aerobic activities are exposed to a variety of activities that promote health-related fitness. A major expectation of this course is for the student to design a personal fitness program that uses aerobic activities as a foundation.

### TEAM SPORTS

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for team work and fair play. Like the other high school physical education courses, Team Sports is less concerned with the acquisition of physical fitness during the course than reinforcing the concept of incorporating physical activity into a lifestyle beyond high school.

### CHEERLEADING I-V

**Credit: 1**

**Grade: 9-12**

**Type: Regular**

Up to one PE credit may be earned through participation in Cheerleading.

**Prerequisite: Tryouts required**

## Athletics

**LISD Athletics offers the following sports:**

**BOYS GOLF**

**BASEBALL**

**FOOTBALL**

**GIRLS BASKETBALL**

**BOYS CROSS COUNTRY**

**GIRLS SOCCER**

**TENNIS**

**GIRLS GOLF**

**SOFTBALL**

**BOYS BASKETBALL**

**GIRLS CROSS COUNTRY**

**BOYS SOCCER**

**VOLLEYBALL**

Please reach out to one of the LISD coaches or administration for more information about how to participate in LISD Athletics.