

# LOCKHART INDEPENDENT SCHOOL DISTRICT



2025-2026

SECONDARY COURSE CATALOG

# **LOCKHART INDEPENDENT SCHOOL DISTRICT**

## **BUILDING A LEGACY OF EXCELLENCE**

### **LOCKHART ISD MISSION**

The mission of the Lockhart Independent School District is to cultivate innovative learners and empower bold leaders who are prepared for a future yet to be imagined.

La misión del Distrito Escolar Independiente de Lockhart es cultivar estudiantes innovadores y empoderar a líderes audaces que estén preparados para un futuro aún por imaginar.

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

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

### **SUPERINTENDENT OF SCHOOLS**

Mark Estrada

*Cover designed by LHS Senior Genesis Lopez*

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## Leadership Contact Information

Lockhart ISD Central Office Administration		512-398-0000
<b>Superintendent</b> Deputy Superintendent Assistant Superintendent Executive Director of Operations Chief Financial Officer Director of Curriculum and Instruction Director of Special Services Director of Assessment & Accountability Director of Bilingual Education	<b>Mark Estrada</b> Dr. Stephaine Camarillo Ty Davidson James Acuna Nicole Weiser Belinda Vasquez Melody McIntosh Todd McBride Monica Saldivar	<b>mark.estrada@lockhart.txed.net</b> stephaine.camarillo@lockhart.txed.net ty.davidson@lockhart.txed.net james.acuna@lockhart.txed.net nicole.weiser@lockhart.txed.net belinda.vasquez@lockhart.txed.net melody.mcintosh@lockhart.txed.net todd.mcbride@lockhart.txed.net monica.saldivar@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>Karen Nixon</b> Curtis Wilson Chanel Walker Amanda Soliz Michael Garica Georgie Gomillion Amy Burnes Laura Villalobos	<b>karen.nixon@lockhart.txed.net</b> curtis.wilson@lockhart.txed.net chanel.walker@lockhart.txed.net amanda.soliz@lockhart.txed.net michael.garcia@lockhart.txed.net georgie.gomillion@lockhart.txed.net amy.burnes@lockhart.txed.net laura.villalobos@lockhart.txed.net
Lockhart High School Administration		512-398-0300
<b>Principal</b> Assistant Principal Assistant Principal Assistant Principal Assistant Principal Athletic Director Director of Fine Arts Lead Counselor Counselor Counselor CCMR Advisor CCMR Advisor CCMR Advisor Early College HS Coordinator	<b>Cynthia Vasquez</b> Daniel Martinez Juan Orozco Rachel Ramirez Mandy Grant Todd Moebes James Crowley Margaret McBride Brady Honeycutt Laura Perry Erin Kelly Mary Perez Leo Vazquez Lucinda Gannon	<b>cynthia.vasquez@lockhart.txed.net</b> daniel.martinez@lockhart.txed.net juan.orozco@lockhart.txed.net rachel.ramirez@lockhart.txed.net mandy.grant@lockhart.txed.net todd.moebes@lockhart.txed.net james.crowley@lockhart.txed.net margaret.mcbride@lockhart.txed.net brady.honeycutt@lockhart.txed.net laura.perry@lockhart.txed.net erin.kelly@lockhart.txed.net mary.perez@lockhart.txed.net leopoldo.vazquez@lockhart.txed.net lucinda.gannon@lockhart.txed.net
PRIDE High School Administration		512-398-0130
<b>Principal</b> Counselor Counselor	<b>Ethan Peters</b> Julie Pierce Kelly King	<b>ethan.peters@lockhart.txed.net</b> julie.pierce@lockhart.txed.net kelly.king@lockhart.txed.net

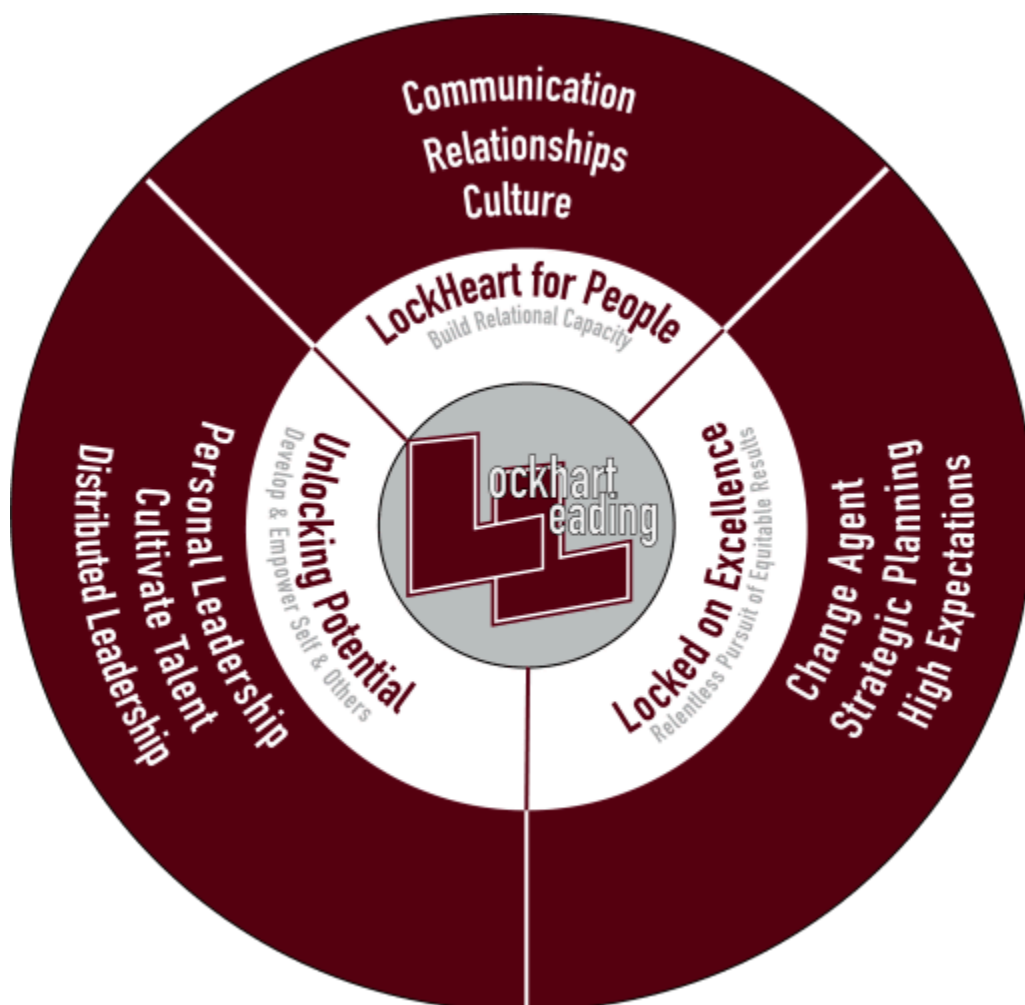
## Lockhart ISD Values

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.



## 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, Art 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 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 Algebra 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, Art I, Choir I, Dance II-IV, Drill Team, Band, AP Music Theory, Orchestra, Tech Theater I, Theater Arts I, 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.**

**Dual Credit:** Upon course completion, the following numerical values will be used for calculating GPA and rank in place of alpha grades assigned by the higher education partnering institution:

A = 95      B = 85      C = 75      D = 70      F = 65

Students can petition their ACC instructor for a different numerical grade.

CLASS OF 2025 AND ABOVE GRADE POINTS			
Numerical Grade	Level 3: AP, Dual Credit, Dual Enrollment	Level 2: Honors	Level 1: 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	OnRamps Dual Enrollment Course
Meet TSI criteria in both ELA/Reading and Mathematics ELA/Reading: <i>Must have one of the following:</i> Met TSI assessment criteria Met ACT criteria Met SAT criteria Earned credit for a college prep course Mathematics: <i>Must have one of the following:</i> Met TSI assessment criteria Met ACT criteria Met SAT criteria Earned credit for a college prep course	Completed an OnRamps course and qualified for at least 3 hours of university or college credit in any subject
Dual Course Credits	Graduate with Completed IEP and Workforce Readiness
Earned credit for at least 3 hours in ELA or Mathematics or 9 hours in any subject	Received graduation type code of 04, 05, 54, or 55
Industry-Based Certifications	Special Ed with Advanced Degree Plan
Earned an industry-based certification from approved list	Identified as receiving special education services and earned an advanced degree plan
Advanced Placement (AP)	Military Enlistment
Earned a 3 or better on an AP College Board assessment	Enlist with the Texas National Guard or US Armed Forces

## 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*

## 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 (including if the student did not receive credit for the prerequisite course).
- 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 [stephaine.camarillo@lockhart.txed.net](mailto:stephaine.camarillo@lockhart.txed.net), (512) 398-0041

Section 504 Coordinator [melody.mcintosh@lockhart.txed.net](mailto:melody.mcintosh@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 | [stephaine.camarillo@lockhart.txed.net](mailto:stephaine.camarillo@lockhart.txed.net), (512) 398-0041

El Coordinador de la Sección 504 | [melody.mcintosh@lockhart.txed.net](mailto:melody.mcintosh@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 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 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.

**Prerequisites: LPAC recommendation**

### 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 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.

**Prerequisites: LPAC recommendation**

### 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 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 LANGUAGE ARTS AND READING (ELAR) 8****Credit: 1 Local JH****Grade: 8****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 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.

***Prerequisites: LPAC recommendation***

## ELAR Electives

**ENGLISH AS A SECOND LANGUAGE (ESL)/ENGLISH LANGUAGE DEVELOPMENT (ELD)****Credit: 1 Local JH****Grade: 6,7,8****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. Students take this class only once during grade 6, 7, or 8.

***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.

## 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. State law requires the top 40% of students who met or mastered 5th grade Math STAAR be placed in an accelerated math course in grade 6.

**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**

## 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**

## 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. State law requires the top 40% of students who met or mastered 5th grade Math STAAR be placed in an accelerated math course in grade 6.

**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.

## 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

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

### **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 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 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	6th Grade	Year 1	Year 2
Languages Other than English		Spanish I or Spanish I Honors	Spanish II or Spanish II Honors
		Native Speaker Spanish I	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.

### NATIVE SPEAKERS SPANISH I

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

**Grade: 7, 8**

**Type: Honors**

This course is for 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. The honors credit for this class will apply to the class of 2030 and beyond.

**Prerequisites:** *Earn a qualifying score on the Spanish diagnostic*

### SPANISH II

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

**Grade: 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*

### 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.

### SPANISH I HONORS

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

**Grade: 7, 8**

**Type: Honors**

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. The honors class expands and builds on knowledge using a wider range of time frames, culture and history of Hispanic countries.

### NATIVE SPEAKERS SPANISH II

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

**Grade: 8**

**Type: Honors**

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 I, Earn a qualifying score on the Spanish Diagnostic*

### SPANISH II HONORS

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

**Grade: 8**

**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*

## Career & Technical Education (CTE)

Level	Grade 6	Grade 7	Grade 8
Local Credit	Technical Applications 6	Career and College Exploration	
High School Credit			Principles of Agriculture, Food, and Natural Resources or Principles of Hospitality and Tourism or Principles of Information Technology or Principles of Business, Marketing and Finance or Principles of Education & Training or Principles of Applied Engineering

### 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.

### PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

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

**Grade: 8**

**Type: Regular**

This course will cover basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies. Students will gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. 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.

### PRINCIPLES OF INFORMATION TECHNOLOGY

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

**Grade: 8**

**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.

### CAREER AND COLLEGE EXPLORATION

**Credit: 1 Local JH**

**Grade: 7**

**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 Career and College Exploration courses up to 3 times.*

### PRINCIPLES OF HOSPITALITY AND TOURISM

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

**Grade: 8**

**Type: Regular**

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: Regular**

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.

**PRINCIPLES OF APPLIED ENGINEERING****Credit: 1 (High School Credit)****Grade: 8****Type: Regular**

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will understand the various fields of engineering and will be able to make informed career decisions

**PRINCIPLES OF EDUCATION & TRAINING****Credit: 1 (High School Credit)****Grade: 8****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.

## Fine Arts

Level	Grade 6	Grade 7	Grade 8
<b>Visual Arts</b>	MS Art 1	MS Art 2	Art I (HS Credit)
<b>Performing Arts</b>	Beginning Band	Beginning Band or Concert Band or Symphonic Band or Wind Ensemble	Symphonic Band or Wind Ensemble
	Prelude Orchestra I	Prelude Orchestra I or Intermezzo Orchestra II or Philharmonic Orchestra III	Prelude Orchestra I or Intermezzo Orchestra II or Philharmonic Orchestra III
	Beginning Choir 6	Beginning Choir 7/8 or Intermediate Treble Choir 7/8 or Advanced Choir 7/8 or Tenor/Bass Choir 7/8	
	Technical Theater 6	Technical Theater 7/8 or Intermediate Technical Theater 7/8 or Advanced Technical Theater 7/8	
	Beginning Theater Arts 6	Beginning Theater Arts 7/8 or Intermediate Theater Arts 7/8 or Advanced Theater Arts 7/8	
	Beginning Color Guard 6	Beginning Color Guard 7/8 or Color Guard 7/8	

### **MS ART 1**

**Credit: 1 Local JH**

**Grade: 6, 7**

**Type: Regular**

In this beginning visual art course, 6th-7th grade students taking art for the first time at middle school level will investigate the foundations of observation and perception as they learn to express ideas through art. Students will master the elements of art such as line, shape, color, and texture while building visual literacy. Through hands-on projects, students will discover the principles of design like balance, contrast, and unity. This course will ignite creativity, challenge imaginations, and introduce students to the world of art in a fun and interactive way. Projects and subjects are catered to student interest, learning and scaffolded within each class.

### **ART I**

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

**Grade: 8**

**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.

**Prerequisite: MS Art 2**

### **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 they will be most successful with.

### **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 and Band Screening**

### **MS ART 2**

**Credit: 1 Local JH**

**Grade: 7,8**

**Type: Regular**

The Middle School Art 2 course is designed to further develop and refine students'; artistic skills and understanding of art principles while encouraging creative expression, critical thinking, and cultural awareness. Throughout this course, students will engage in a range of art forms and media. Students will grow their artistic skills, deepen their understanding of the art world, and foster their creative expression. By the end of the course, students will think creatively, while challenging the imagination and develop disciplined effort and problem-solving skills, have a beginning portfolio and a more profound appreciation for the role of art in history, culture, and contemporary society.

**Prerequisite: MS Art 1**

### **CONCERT BAND**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

In Concert Band, students will enhance their instrumental skills to prepare them for 8th grade and high school band. This class emphasizes musical growth through rehearsals and performances, including contests, concerts and community outreach. Students will focus on technique, ensemble playing and performance excellence. Students will develop their musicianship through performances and practices.

**Prerequisites: Beginning Band, Band Screening**

### **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**

### **PRELUDE 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.

### **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.

### **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*

### **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*

### **BEGINNING COLOR GUARD**

**Credit: 1 Local JH**

**Grade: 6-8**

**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. This class will offer opportunities for small community event performances.

### **INTERMEZZO ORCHESTRA II- PHILHARMONIC ORCHESTRA 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:** *Prelude Orchestra I, Orchestra Screening*

### **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.

### **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.*

### **COLOR GUARD 7/8**

**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:** *Beginning Color Guard and Audition*

### **TECHNICAL THEATER 6**

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

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

### **INTERMEDIATE TECHNICAL THEATER 7/8**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

This course expands on the concepts taught in Technical Theater 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 Technical Theater 7/8**

### **BEGINNING THEATER ARTS 6**

**Credit: 1 Local JH**

**Grade: 6**

**Type: Regular**

This course is designed as an introductory class to teach the basics of theater 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.

### **INTERMEDIATE THEATER ARTS 7/8**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

This course is designed to prepare students who wish to continue in theater. 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**

### **TECHNICAL THEATER 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 Theater. Topics include: Theatrical facilities, principles of design (lighting, sound, costume, scenic), production evaluation and technical theater career opportunities. Workplace safety is emphasized. Classroom knowledge is enhanced through hands-on experience.

### **ADVANCED TECHNICAL THEATER 7/8**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

This course expands on the concepts taught in Technical Theater 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**

### **THEATER 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 theater 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 THEATER ARTS 7/8**

**Credit: 1 Local JH**

**Grade: 7-8**

**Type: Regular**

This course is designed to prepare students who wish to continue in theater 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**



## General Electives

Level	Grade 6	Grade 7	Grade 8
Local Credit		Yearbook	Digital Media: Yearbook
			Campus Aide

### YEARBOOK

**Credit: 1 Local JH**

**Grade: 7**

**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.

**Prerequisites: Admin approval**

### 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**

### DIGITAL MEDIA: YEARBOOK

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

**Grade: 8**

**Type: Regular**

Digital Communications in the 21st Century will prepare students for the societal demands of increased civic literacy, independent working environments, global awareness, and the mastery of a base set of analysis and communication skills. Students will be expected to design and present an effective product based on well-researched issues in order to thoughtfully propose suggested solutions to authoritative stakeholders. The outcome of the process and product approach is to provide students an authentic platform to demonstrate effective application of multimedia tools within the contexts of global communication and collaborative communities and appropriately share their voices to affect change that concerns their future. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

**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.

### 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. 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.

### 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.

### 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.

### 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 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: 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.

***Prerequisites: Dance 6 or Dance 7/8*****LION DANCERS 7/8****Credit: 1 Local JH****Grade: 7-8****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 Honors English I	English II or Honors English II	English III	English IV
			English III AP	English IV AP
			OnRamps English III	OnRamps English IV
Dual Credit			Fall Semester: English 1301 and History 1302  Spring Semester: English 1302 and History 1301	Fall Semester: English 2322 and Government 2305  Spring Semester: Speech 1311 and EDUC 1300/
Electives	ELDA 1 or ELDA 2			
	Debate I	Debate II	Debate III	Independent Study in Speech
			Classical Films and Psychology	

### 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 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**

### HONORS ENGLISH I

**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.

### HONORS ENGLISH II

**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 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**

### ONRAMPS ENGLISH III

**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 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.

### ONRAMPS ENGLISH IV - READING AND WRITING: THE RHETORIC OF AMERICAN IDENTITY

**Credit: 1**

**LA409**

**Grade: 12**

**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 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 IV AP ENGLISH LITERATURE AND COMPOSITION

**Credit: 1**

**LA404**

**Grade: 12**

**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**

## Dual Credit

Course description for History 1302 is on page 49.  
Course description for Government 2305 is on page 49.

### ENGLISH 1301 ACC DUAL CREDIT (FALL)

**Credit: 0.5**

**LA305**

**Grade: 11**

**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 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.

**Please Note: Students that do not successfully complete English 1301 may not continue on to English 1302. Therefore, a student's course schedule may be impacted.**

**Prerequisites: TSIA Complete, Meet ACC admission requirements**

Course description for EDUC 1300 is on page 49.  
Course description for Speech 1311 is on page 49.

### 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 LA305 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: TSIA Complete, Meet ACC admission requirements**

### ENGLISH 2322 BRITISH LITERATURE I ACC DUAL CREDIT (FALL)

**Credit: 1**

**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: LA305 and LA305B, or equivalent course; course fees may apply**

## English Electives

### ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION 1 (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 and administration recommendation**

### ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION 2 (ELDA)

**Credit: 1**

**EL308**

**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 and administration recommendation**

**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 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****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****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****CLASSICAL FILMS (VISUAL MEDIA)****Credit: 0.5****EL400****Grade: 11, 12****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. **This class is paired with Psychology.**

# Mathematics

LEVEL	Year 1	Year 2	Year 3	Year 4
Core	Algebra 1 or Honors Algebra 1	Geometry or Honors Geometry	Algebra II or Honors Algebra II	Statistics or AP Statistics or Honors Precalculus or Financial Math or College Algebra (OnRamps/DC)
		Algebraic Reasoning	Geometry	Algebra II
	Geometry or Honors Geometry	Algebra II or Honors Algebra II	AP Statistics or Statistics or College Algebra (OnRamps/DC) or OnRamps Precalculus or Honors Precalculus	Financial Math or Statistics or AP Statistics or College Algebra (OnRamps/DC) or AP Calculus AB/BC
	Honors Algebra II	College Algebra (OnRamps/DC) or AP Statistics or Statistics or OnRamps Precalculus or Honors Precalculus	Statistics or AP Statistics or College Algebra (OnRamps/DC) or Precalculus or Honors Precalculus or AP Calculus AB/BC	

## ALGEBRA I

**Credit: 1**

**Grade: 9**

Students will study linear, quadratic, and exponential functions and their related transformations, equations, polynomials of degree one and two, radical expressions, sequences, laws of exponents; generate and solve linear systems with two equations and two variables.

**MA101**

**Type: Regular**

## HONORS ALGEBRA I

**Credit: 1**

**Grade: 9**

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.

**MA102**

**Type: Honors**



## **ALGEBRAIC REASONING**

**Credit: 1**

**MA203**

**Grade: 9, 10**

**Type: Regular**

Students will study functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods.

**Prerequisites: Algebra I, Admin Approval**

## **GEOMETRY**

**Credit: 1**

**MA201**

**Grade: 9-11**

**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**

## **HONORS GEOMETRY**

**Credit: 1**

**MA202**

**Grade: 9-11**

**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**

## **ALGEBRA II**

**Credit: 1**

**MA301**

**Grade: 9-12**

**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**

## **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**

## **HONORS PRECALCULUS**

**Credit: 1**

**MA403**

**Grade: 10-12**

**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**

## **ONRAMPS PRECALCULUS**

**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 1, Geometry, Algebra II**

## **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. Counts as a level 3 CTE credit

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

**AP CALCULUS (AB)****Credit: 1****MA504****Grade: 11,12****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: Precalculus****AP CALCULUS (BC)****Credit: 1****MA514****Grade: 11,12****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: Precalculus****STATISTICS****Credit: 1****MA421****Grade: 10-12****Type: Regular**

Students will broaden their knowledge of variability and statistical processes by studying sampling, experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real world situations and extend their knowledge of data analysis.

**Prerequisites: Algebra II****AP STATISTICS****Credit: 1****MA524****Grade: 11, 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****ONRAMPS COLLEGE ALGEBRA****Credit: 1****MA537****Grade: 12****Type: Dual Enrollment**

In this course, students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic. 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 II****DUAL CREDIT COLLEGE ALGEBRA****Credit: 1****MA534 & MA535****Grade: 12****Type: Dual Credit**

In depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included

**Prerequisites: Algebra II**

## Science

LEVEL	Year 1	Year 2	Year 3	Year 4
Core	Biology or Honors Biology	Chemistry or Honors Chemistry	Physics or OnRamps Physics or OnRamps Earth, Wind, Fire or AP Biology II or AP Chemistry II or AP Environmental Science or Environmental Systems or Anatomy and Physiology or Earth Systems Science	
		OnRamps Earth, Wind, Fire AND Honors Chemistry / Chemistry		
		Integrated Physics and Chemistry		

### BIOLOGY

**Credit: 1**

**Grade: 9-10**

**SC101**

**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**

**Grade: 10**

**SC211**

**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 will study the characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, and thermochemistry.

**Prerequisites: Algebra I and Biology**

### HONORS BIOLOGY I

**Credit: 1**

**Grade: 9**

**SC102**

**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.

### HONORS CHEMISTRY

**Credit: 1**

**Grade: 10**

**SC212**

**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: 11-12**

**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**

## INTEGRATED PHYSICS AND CHEMISTRY

**Credit: 1**

**SC201**

**Grade: 10**

**Type: Regular**

The study of basic Chemistry and Physics presenting material on the Scientific Method, introduction to the basic atomic structure, the periodic table, and the basics of naming ionic and covalent compounds. Students will acquire lab-oriented skills while getting an introduction to the fundamental laws of Physics and Chemistry. Major Physics fields of study are mechanics, energy and heat, electricity, waves, and light.

**Prerequisites: Admin Approval**

## AP CHEMISTRY II

**Credit: 1**

**SC514**

**Grade: 11-12**

**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**

## AP ENVIRONMENTAL SCIENCE

**Credit: 1**

**SC534**

**Grade: 11-12**

**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**

## ONRAMPS PHYSICS

**Credit: 1**

**SC309**

**Grade: 11-12**

**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 II**

## AP BIOLOGY II

**Credit: 1**

**SC504**

**Grade: 11-12**

**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**

## ANATOMY & PHYSIOLOGY

**Credit: 1**

**C504**

**Grade: 11, 12**

**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. Also counts as a CTE credit.

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

## **EARTH SYSTEMS SCIENCE**

**Credit: 1**

**SC400**

**Grade: 11, 12**

**Type: Regular**

Students will study Earth's systems, meteorology, the solar system, space travel and the universe. Other topics covered will include energy resources, climate, weather, composition and formation of Earth.

## **ENVIRONMENTAL SYSTEMS**

**Credit: 1**

**SC311**

**Grade: 11,12**

**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.

***Prerequisites: Biology***

## **ONRAMPS EARTH, WIND, FIRE**

**Credit: 1**

**SC709**

**Grade: 10-12**

**Type: Dual Enrollment**

Earth, Wind, and Fire is a course in geoscience literacy. It covers the fundamentals of how the Earth works, and how its various systems—the lithosphere, atmosphere, hydrosphere, and biosphere—interact to form the complex world in which we live. This class introduces students to the major areas in geoscience and helps them develop critical, creative, and geologic problem-solving skills, as applied to current scientific problems. 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: Biology, Chemistry (or concurrent enrollment)***

## Social Studies

LEVEL	Year 1	Year 2	Year 3	Year 4
<b>Core</b>	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
<b>Dual Credit</b>			Fall Semester: English 1301 and History 1302  Spring Semester: English 1302 and History 1301	Fall Semester: English 2322 and Government 2305  Spring Semester: Speech 1315 and EDUC 1300
<b>Electives</b>		AP European History and/or Mexican American Studies and/or African American Studies and/or Psychology and Classical Films and/or AP Psychology and Special Topics in Social Studies		

### 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.

### 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.

### 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).

### AP WORLD HISTORY

**Credit: 1**

**Grade: 10**

**SS204**

**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. Students enrolled in this course are encouraged to take the Advanced Placement World 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**

**SS401**

**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.

## **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 UNITED STATES HISTORY**

**Credit: 1**

**SS304**

**Grade: 11**

**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 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.

## **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.



## Social Studies Electives

### 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.

### 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. **Paired with the Classical Films class.**

Prerequisites: English I and English II

### AP EUROPEAN HISTORY

**Credit: 1**

**SS509**

**Grade: 10-12**

**Type: Advanced Placement**

Study the cultural, economic, political, and social developments that have shaped Europe from c. 1450 to the present. Students will analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments along with analyzing the claims, evidence, and reasoning found in sources.

### AFRICAN AMERICAN STUDIES

**Credit: 1**

**SS511**

**Grade: 10-12**

**Type: Regular**

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.

### 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. **Paired with Special Topics in Social Studies course.**

### SPECIAL TOPICS IN SOCIAL STUDIES

**Credit: 0.5**

**SS600**

**Grade: 10-12**

**Type: Regular**

In Special Topics in Social Studies, an elective course, students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. **Paired with AP Psychology course**



## Dual Credit

### UNITED STATES GOVERNMENT 2305

#### ACC DUAL CREDIT (FALL)

**Credit: 0.5**

**SS405**

**Grade: 12**

**Type: Dual Credit**

This course is an introduction to the United States government. The course includes a framework for understanding United States government and politics and the constitutional basis for the processes, the institutions, and the policies of United States government and politics. 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: TSIA Complete, Must meet ACC admission requirements**

### INTRODUCTION TO SPEECH COMMUNICATION 1311

#### ACC DUAL CREDIT (SPRING)

**Credit: 0.5**

**LA705**

**Grade: 12**

**Type: Dual Credit**

Introduction to Speech Communication explores the theories and practice of speech communication behavior to promote communication competence in interpersonal, small group, and public speaking situations. Some of the topics that are covered include practices for sharpening your listening and nonverbal skills, and how to enhance your speech organization and delivery skills. Additional topics may include how to work in teams and manage conflict communications effectively, as well as examining the impact of cultural differences on communication.

**Prerequisites: TSIA Complete, Meet ACC admission requirements**

### UNITED STATES HISTORY 1302

#### ACC DUAL CREDIT (FALL)

**Credit: 1.0**

**SS305B**

**Grade: 11**

**Type: Dual Credit**

A study of the history of the United States from 1877 to present. This course replaces U.S History Credit (SS301) which is required for graduation. Course fees may apply.

**Prerequisites: TSIA Complete, Must meet ACC admission requirements**

### EFFECTIVE STRATEGIES FOR COLLEGE SUCCESS

#### ACC DUAL CREDIT EDUC 1300 (SPRING)

**Credit: 0.5**

**EL705**

**Grade: 11-12**

**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: TSIA Complete, Meet ACC admission requirements**

### UNITED STATES HISTORY 1301

#### ACC DUAL CREDIT (SPRING)

**Credit: 0.5**

**SS305**

**Grade: 11**

**Type: Dual Credit**

Study of the history of the United States to 1877. Course fees may apply.

**Prerequisites: TSIA Complete, Must meet ACC admission requirements**

## Languages Other than English (LOTE)

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

### 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.

### 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**

### 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.

### SPANISH I HONORS

**Credit: 1**

**FL102**

**Grade: 9-12**

**Type: Honors**

This course is an introduction to the study of standard Spanish and Hispanic culture. Focus is on basic communication skills, pronunciation, writing, and reading comprehension. The honors class expands and builds on knowledge using a wider range of time frames.

### 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**

### 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**

### NATIVE SPEAKERS SPANISH I

**Credit: 1**

**FL103**

**Grade: 9**

**Type: Honors**

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: Earn a qualifying score on the Spanish diagnostic**

## **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**

## **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**

## **SPANISH III HONORS**

**Credit: 1**

**FL122**

**Grade: 9-12**

**Type: Honors**

Expands and builds on knowledge acquired in Spanish II 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 II**

## **SPANISH IV AP**

**Credit: 1**

**FL134**

**Grade: 11-12**

**Type: Advance Placement**

Students will be expected to have a working knowledge of the Spanish language, write essays, and converse in Spanish. Listening to and reading short stories are a critical aspect of the structure of this course. Students are encouraged to take the AP Spanish Language exam.

**Prerequisites: Spanish III**

## **AMERICAN SIGN LANGUAGE I**

**Credit: 1**

**FL401**

**Grade: 9-12**

**Type: Regular**

This course introduces students to American Sign Language and Deaf culture. The course emphasis will be on receptive skills and developing expressive skills. The student will be able to communicate basic language functions such as introducing oneself, asking for and giving information, asking for directions, making requests, and talking about activities.

## **NATIVE SPEAKERS SPANISH II**

**Credit: 1**

**FL113**

**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, Earn a qualifying score on the Spanish Diagnostic**

## **NATIVE SPEAKERS SPANISH III**

**Credit: 1**

**FL123**

**Grade: 10**

**Type: Honors**

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, Earn a qualifying score on the Spanish Diagnostic**

## **SPANISH V AP**

**Credit: 1**

**FL135**

**Grade: 12**

**Type: Advance Placement**

This course will be taught at a university level and is geared to those students who will take the AP exam in Spanish. Students will be expected to have a working knowledge of the Spanish language, write essays, and converse in Spanish. Listening to and reading short stories are a critical aspect of the structure of this course. Students are encouraged to take the AP Spanish Literature exam.

**Prerequisites: Spanish IV AP**

## **AMERICAN SIGN LANGUAGE II**

**Credit: 1**

**FL402**

**Grade: 9-12**

**Type: Regular**

This course has a greater emphasis on expressive signing proficiency and comprehension of signed narratives. Students participate in various language functions such as talking about life events, nationalities and family history and describing objects. Cultural and language behaviors are studied. Sign language expressions are developed.

**Prerequisites: ASL 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 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 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 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, Equine Management & Evaluation, Feedyard Technician, Vet Med, Fund. of Animal Science, NCCER Core and Level 1 Floral

Program of Study	Level 1	Level 2	Level 3	Level 4
Animal Science	Principles of Agriculture, Food, and Natural Resources	Small Animal and Equine Science	Dual Enrollment: Advanced Animal Science (with Lab)	Practicum in Agriculture, Food, and Natural Resources
Plant Science		Floral Design	Horticultural Science or Advanced Floral Design	
Agriculture Technology and Mechanical Systems		Agricultural Mechanics and Metal Technologies	Agricultural Structures Design and Fabrications	Agricultural Equipment Design and Fabrication

### 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.

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

**Corequisite:** *Small Animal Management*

### AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES

**Credit: 1**

**C103**

**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*

### 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.

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

**Corequisite:** *Equine Science*

## **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*

## **AGRICULTURAL EQUIPMENT DESIGN AND FABRICATION**

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

**C102L**

**Level: 3**

**Type: Regular**

This course explores the metal fabrication processes. Students work collaboratively through the engineering process of design, drafting & pricing of a metal fabrication project.

**Prerequisites:** *Agricultural Structures Design and Fabrication*

## **PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES (SECOND TIME TAKEN)**

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

**C113**

**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:** *Practicum in Agriculture, Food, and Natural Resources (First Time Taken)*

## **FLORAL DESIGN**

**Credit: 1**

**C117E**

**Level: 2**

**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

## **HORTICULTURAL SCIENCE**

**Credit: 1**

**C120**

**Level: 3**

**Type: Regular**

Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticulture and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings.

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

## **ADVANCED FLORAL DESIGN**

**Credit: 1**

**C130**

**Level: 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:** *Floral Design*

## **ADVANCED ANIMAL SCIENCE**

**Credit: 1**

**C105**

**Level 3**

**Type: Dual Enrollment**

General overview of animal agriculture including beef cattle, dairy cattle, swine, sheep, goats, and horses; major disciplines of animal production including breeding and genetics, nutrition, reproductive physiology and products; use of live animals, physical and virtual models and feedstuffs/equipment to enhance experiential learning approach. Topics covered will include general management practices, reproduction, nutrition, health, handling, genetic selection, shelter/housing and marketing strategies and procedures. This course includes a lab

Partnered with Tarleton State University

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



Science, Technology, Engineering, and Mathematics (STEM)		Certifications Offered: Autodesk Inventor, IT certifications		
Program of Study	Level 1	Level 2	Level 3	Level 4
Cybersecurity	Principles of Information Technology	Computer Science 1	Networking with Lab	Practicum in STEM or Capstone in Cybersecurity
Engineering Foundations	Introduction to Engineering Design (PLTW)	Manufacturing Engineering Technology	Engineering Design & Presentation	Practicum in STEM or Engineering Design & Problem Solving
Elective		Geographic Information Systems		

#### 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.

#### 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: 3**

**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*

#### 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.

#### 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.

**Recommended Prerequisite:** *Introduction to Engineering and Design*

## ENGINEERING DESIGN AND PRESENTATION

**Credit: 1**

**C814**

**Level: 3**

**Type: Regular**

Students enrolled in Engineering Design and Presentation I will demonstrate knowledge and skills of the design process as it applies to engineering fields and project management using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students will explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.

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

## CYBERSECURITY CAPSTONE

**Credit: 1**

**C205**

**Level: 4**

**Type: Regular**

In the Cybersecurity Capstone course, students will develop the knowledge and skills needed to explore advanced concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will develop security policies to mitigate risks. The skills obtained in this course prepares students for additional study toward industry certification. A variety of courses are available to students interested in the cybersecurity field.

**Prerequisites:** *Networking with Lab*

## GEOGRAPHIC INFORMATION SYSTEMS

**Credit: 1**

**C818**

**Level: 2**

**Type: Regular**

This Introduction to Geographic Information Systems (GIS) course is designed for high school students to explore the fundamental concepts and applications of GIS. Students will gain an understanding of how spatial data is collected, analyzed, and visualized to solve real-world problems. The course focuses on hands-on experience with GIS software, building a foundation for further study or career exploration in fields such as geography, urban planning, environmental science, and more.

## ENGINEERING DESIGN AND PROBLEM SOLVING

**Credit: 1**

**C803**

**Level: 4**

**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*

## PRACTICUM IN STEM

**Credit: 2**

**C817**

**Level: 4**

**Type: Regular**

This is a capstone course for students to apply skills and knowledge from previous STEM courses within a professional working environment. They develop understanding of professional and ethical issues encountered in a STEM workplace. Students also refine skills in problem solving, research and data, communication, teamwork, and project management. Programming can include laboratory training, mentoring, internships, cooperative education, service learning, or job shadowing. This course aims to prepare students for postsecondary study and/or work in a STEM-related field.

**Prerequisites:** *Networking with Lab*



## Arts, Audio Visual Technology, and Communications

**Certifications Offered:**  
**Adobe Creative Cloud**

Program of Study	Level 1	Level 2	Level 3	Level 4
<b>Digital Communications</b>	Principles in Arts, AV Technology, and Communications	Audio Visual Production I with Lab	Audio Visual Production II with Lab	Practicum of Audio Video Production
<b>Graphic Design &amp; Interactive Media Yearbook</b>		Graphic Design and Illustration I with Lab: Yearbook	Graphic Design and Illustration II with Lab: Yearbook	Practicum in Graphic Design: Yearbook

### 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**

### 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 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**

### 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 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**

Business, Marketing, and Finance		Certifications Offered: VITA		
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	

### **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 II**

**Credit: 0.5**

**C302**

**Level: 2**

**Type: Regular**

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*

### **ACCOUNTING I**

**Credit: 1**

**C331**

**Level: 2**

**Type: Regular**

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*

### **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*

### **ADVANCED MARKETING**

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

**C323**

**Level: 3**

**Type: Regular**

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 II**

**Credit: 1**

**C332**

**Level: 3**

**Type: Regular**

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.

**Prerequisites:** *Accounting I*

### **PRACTICUM IN ENTREPRENEURSHIP**

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

**C333**

**Level: 4**

**Type: Regular**

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: Food Handlers, 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**

**C603**

**Level: 1**

**Type: Regular**

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

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

**C606**

**Level: 3**

**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)**

**C605**

**Level: 4**

**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 exp.

**Prerequisites: Advanced Culinary Arts**

### EXTENDED PRACTICUM IN CULINARY: FUNDAMENTALS OF COOKING

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

**C605X**

**Level: 4**

**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: Advanced Culinary Arts**

### CULINARY ARTS I

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

**C604**

**Level: 2**

**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: Introduction to Culinary Arts**

### PRACTICUM IN CULINARY: FUNDAMENTALS OF BAKING

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

**C605BK**

**Level: 4**

**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: Advanced Culinary Arts**

### EXTENDED PRACTICUM IN CULINARY: FUNDAMENTALS OF BAKING

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

**C608X**

**Level: 4**

**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: Advanced Culinary Arts**

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

### **AUTOMOTIVE BASICS**

**Credit: 1**

**C904**

**Level: 1**

**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**

**C911**

**Level: 2**

**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*

### **PAINT AND REFINISHING**

**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*

### **AUTOMOTIVE TECHNOLOGY I**

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

**C901**

**Level: 3**

**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*

### **BASIC COLLISION REPAIR AND REFINISHING**

**Credit: 1**

**C902**

**Level: 1**

**Type: Regular**

Basic Collision Repair 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 collision repair and refinishing.

### **COLLISION AND REPAIR**

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

**C907**

**Level: 2**

**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 II**

**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*

**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***

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

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

**C908X**

**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***

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 or Communication & Technology in Education	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.

### COMMUNICATION AND TECHNOLOGY IN EDUCATION

**Credit: 1**

**C405**

**Level: 2**

**Type: Regular**

Communication and Technology in Education is an extended course of study designed to provide students with the fundamentals of planning, managing, and training services needed to provide learning support services in Kindergarten-Grade 12 classrooms. Students will develop knowledge and skills regarding the professional, ethical, and legal responsibilities in teaching related to educational technology; students will also understand laws and pedagogical justifications Education and Training

**Prerequisites: Principles of Education and Training**

### INSTRUCTIONAL PRACTICE IN EDUCATION AND TRAINING

**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 with both teachers 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**

### HUMAN GROWTH AND DEVELOPMENT

**Credit: 1**

**C403**

**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**

### EXTENDED PRACTICUM IN EDUCATION AND TRAINING

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

**C404X**

**Level: 4**

**Type: Regular**

Extended Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel..

**Prerequisites: Instructional Practices in 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*

**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*

**INTRODUCTION TO THE TEACHING PROFESSION: EDUC 1301 (FALL)****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. Students in EDUC 1301 must pass a criminal history background check

**Prerequisites:** *EDUC 1300*

**INTRODUCTION TO SPECIAL POPULATIONS: EDUC 2301 (SPRING)****Credit: 0.5****C410****Level: 4****Type: Dual Credit**

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 PK-12 classrooms with varied and diverse student populations.

**Prerequisites:** *EDUC 1301*

Health Science		Certifications Offered: Pharmacy Technician, Certified Medical Assistant, Physical Trainer, PCT Technician, and EKG Technician		
Program of Study	Level 1	Level 2	Level 3	Level 4
Diagnostic & Therapeutic Services	Principles of Health Science	Medical Terminology or Disaster Response	Anatomy & Physiology or Basic EMT	Pathophysiology or Medical Microbiology
				Practicum in Health Science: Pharmacy Tech or Medical Assistant
Exercise Science Wellness and Restoration	Principles of Exercise Science and Wellness	Kinesiology 1 or Lifetime Nutrition & Interpersonal Studies	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**

### 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 disease

**Prerequisites: Principles of Exercise and Wellness**

### 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, and human services. Course is paired with Interpersonal Studies

### 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.

### MEDICAL TERMINOLOGY

**Credit: 1**

**C510**

**Level: 2**

**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: Principles of Health Science, Biology, a second science credit**

### 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. Course is paired with Lifetime Nutrition.



## **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, Kinesiology I or Medical Terminology*

## **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*

## **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*

## **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*

## **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*

Law and Public Services		Certifications Offered: Emergency Medical Technician, Private Security Bureau		
Program of Study	Level 1	Level 2	Level 3	Level 4
Fire Science	Principles of Law, Public Safety, Corrections and Security	Disaster Response	Anatomy and Physiology	Practicum in Law, Public Safety, Correction, and Security
			Basic EMT	
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*

### 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*

### BASIC EMT

**Credit: 2**

**C828**

**Level: 3**

**Type: Regular**

The EMT Basic course is an introductory course to concepts, knowledge, and skills needed by EMTs in the areas of communications, transportation, and recordkeeping. Students interested in working in public safety, including fire, police, and ambulance operators will be capable of performing the job expectations of an EMT safely and effectively after the completion of this course.

**Prerequisites:** *Disaster Response*

## 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: 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.**

## 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.**

Construction and Architecture		Certifications Offered: NCCER CORE		
Program of Study	Level 1	Level 2	Level 3	Level 4
Construction Management & Inspection	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 II

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

**C152**

**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**

## CONSTRUCTION MANAGEMENT I

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

**C151**

**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)**

## 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**

Cosmetology & Personal Care Services		Certifications Offered: Cosmetology Operator License, Barber Operator License		
Program of Study	Level 1	Level 2	Level 3	Level 4
Cosmetology	Principles of Cosmetology/ Barbering Design and Color Theory	Level 2, Level 3, & Level 4 classes to be introduced in future years		
Barbering				

### PRINCIPLES OF COSMETOLOGY/BARBERING DESIGN AND COLOR THEORY

**Credit: 1**

**C610**

**Level: 1**

**Type: Regular**

In Principles of Cosmetology/Barbering Design and Color Theory, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Students will attain academic skills and knowledge as well as technical knowledge and skills related to cosmetology design and color theory. Students will develop knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included. Students will be required to accumulate 1,000 clock hours of class and lab instruction in order to complete their TDLR (Texas Department of Licensing and Regulation) certification in high school. Tutorials before and after school will be required as students progress in the program.

## HS Fine Arts

LEVEL	Level 1	Level 2	Level 3	Level 4
<b>Art</b>	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	AP Studio Art: Drawing; 2-D Design; 3-D Design
<b>Band</b>	Band I	Band II	Band III	Band IV
	Percussion I	Percussion II	Percussion III	Percussion IV
	Jazz Band I	Jazz Band II	Jazz Band III	Jazz Band IV
<b>Color Guard</b>	Color Guard I	Color Guard II	Color Guard III	Color Guard IV
<b>Choir</b>	Choir I	Choir II	Choir III	Choir IV
<b>Dance</b>	Dance I	Dance II	Dance III	Dance IV
	Drill Team I	Drill Team II	Drill Team III	Drill Team IV
<b>Guitar</b>	Guitar I			
<b>Mariachi</b>	Mariachi I			
<b>Music Theory</b>			AP Music Theory	
<b>Orchestra</b>	Orchestra I	Orchestra II	Orchestra III	Orchestra IV
<b>Piano</b>	Piano I	Piano II	Piano III	Piano IV
<b>Theater</b>	Theater Arts I	Advanced Theater Arts II	Advanced Theater Arts III	Advanced Theater Arts IV
	Technical Theater I	Advanced Technical Theater II	Advanced Technical Theater III	Advanced Technical Theater IV
	Varsity Theater I	Varsity Theater II	Varsity Theater III	Varsity Theater IV
	Varsity Technical Theater I	Varsity Technical Theater II	Varsity Technical Theater III	Varsity Technical Theater IV
<b>Elective</b>	Applied Performance I	Applied Performance II	Applied Performance III	Applied Performance IV
	Floral Design			

## **ART I**

**Credit: 1**

**Grade: 9-12**

**FA101**

**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: DRAWING I**

**Credit: 1**

**Grade: 9-12**

**FA111**

**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: PHOTOGRAPHY I**

**Credit: 1**

**Grade: 9-12**

**FA114**

**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. 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**

## **ART III: DRAWING II**

**Credit: 1**

**Grade: 11-12**

**FA121**

**Type: Regular**

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**

**Grade: 11-12**

**FA124**

**Type: Regular**

This course builds upon the knowledge and skills gained in Photography I. Students will build a digital portfolio of their work and write statements related to the projects while being able to explain and critique their works. New concepts of lighting, composition and design will be applied to themes in photography.

**Prerequisites: Art II: Photography**

## **ART II: SCULPTURE I**

**Credit: 1**

**Grade: 9-12**

**FA113**

**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, and methods, to create artworks. Students must provide a list of supplies.

**Prerequisites: Art I**

## **ART II: PAINTING I**

**Credit: 1**

**Grade: 9-12**

**FA112**

**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 III: SCULPTURE II**

**Credit: 1**

**Grade: 11-12**

**FA123**

**Type: Regular**

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: PAINTING II**

**Credit: 1**

**Grade: 11-12**

**FA125**

**Type: Regular**

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**

## **AP STUDIO ART: DRAWING**

**Credit: 1**

**Grade: 11-12**

**FA134**

**Type: Advanced Placement**

The AP Drawing curriculum encourages individual exploration of a variety of concepts and media. Students will develop a series of related paintings or drawings that demonstrate thoughtful investigation of a specific visual interest or problem. Students may provide basic supplies for this course and pay all fees associated with obtaining design materials. Students are responsible for photographing submitted artwork.

**Prerequisites: 2 Art Credits**

**AP STUDIO ART: 3-D DESIGN****Credit: 1****FA136****Grade: 11-12****Type: Advanced Placement**

The student creates a portfolio of 3-dimensional sculptures 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: 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****BAND I-IV****Credit: 1****FA211, FA212, FA213, FA214****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 Screening****PERCUSSION I-IV****Credit: 1****FA231, FA232, FA233, FA234****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 Screening****JAZZ BAND I - IV****Credit: 1****FA411, FA412, FA413, FA414****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.

**Prerequisites: Level 1 Performing Arts Class****COLOR GUARD I-IV****Credit: 1****FA221, FA222, FA223, FA224****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: Audition**



### **PIANO PERFORMANCE I**

**Credit: 1**

**FA701**

**Grade: 9-12**

**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.

### **PIANO PERFORMANCE III**

**Credit: 1**

**FA703**

**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.

### **ORCHESTRA I-IV**

**Credit: 1**

**FA235, FA236, FA237, FA238**

**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.

**Prerequisites: Orchestra Screening**

### **MARIACHI I**

**Credit: 1**

**FA601**

**Grade: 9-12**

**Type: Regular**

An introduction to mariachi style and repertoire. Focus will be placed on mariachi standards, and both instrumental and vocal technique. Instruments offered are guitar, vihuela, guitarron, trumpet, and violin.

**Prerequisites: Mariachi Screening**

### **GUITAR I**

**Credit: 1**

**FA611**

**Grade: 9-12**

**Type: Regular**

An introduction to guitar technique, with a focus on classical guitar. Students will learn to read music, and follow all standards of classical guitar, including posture and ensemble techniques. Other styles of playing will be explored in the second semester, such as rock, mariachi, and jazz.

### **PIANO PERFORMANCE II**

**Credit: 1**

**FA702**

**Grade: 9-12**

**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.

### **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: Level II Performing Arts Class, Teacher Recommendation**

### **DANCE I-IV**

**Credit: 1**

**FA401, FA402, FA403, FA404**

**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

### **DRILL TEAM I-IV**

**Credit: 1**

**FA405, FA406, FA407, FA408**

**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: Tryout**



### **CHOIR I-IV**

**Credit: 1**

**FA321, FA322, FA323, FA324**

**Grade: 9-12**

**Type: Regular**

Choir is for students with or without vocal experience. Sections will be organized based on ability and voice parts. Participation in the All-State Choir audition process and UIL Solo and Ensemble is required for students assigned to Varsity Choir and strongly encouraged for all. Participation in all contests and concerts is required. Members are also required to perform at school concerts and community events. Choir trips and special events are also part of the LHS choral experience.

**Prerequisites: Choir Screening**

### **THEATER ARTS I**

**Credit: 1**

**FA501**

**Grade: 9-12**

**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.

### **TECHNICAL THEATER I**

**Credit: 1**

**FA519**

**Grade: 9-12**

**Type: Regular**

Introductory course exploring the various backstage aspects of the Theater. 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 Theater 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.

### **APPLIED PERFORMANCE I-IV**

**Credit: 1**

**FA331, FA332, FA333, FA334**

**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.

**Prerequisites: Concurrent enrollment in performing arts class.**

### **ADVANCED THEATER ARTS II-IV**

**Credit: 1**

**FA502, FA503, FA504**

**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: Theater Arts I**

### **ADVANCED TECHNICAL THEATER II**

**Credit: 1**

**FA520**

**Grade: 10-12**

**Type: Regular**

This course expands on the concepts taught in Technical Theater 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**

### **VARSITY TECHNICAL THEATER I-IV**

**Credit: 1**

**FA515, FA516, FA517, FA518**

**Grade: 9-12**

**Type: Regular**

This is the most advanced technical theater group in the theater department. In this class, the students will be responsible for producing and designing the technical elements for most of the plays that occur on the campus of Lockhart High School, including the UIL One-Act Play. After-School time required.

**Prerequisites: Application**

### **VARSITY THEATER I-IV**

**Credit: 1**

**FA511, FA512, FA513, FA514**

**Grade: 9-12**

**Type: Regular**

This is the most advanced performing group in the theater department. In this class, the students will be responsible for performing most of the plays that occur on the campus of Lockhart High School, including the UIL One-Act Play. After-School time required.

**Prerequisites: Audition**

### **FLORAL DESIGN**

**Credit: 1**

**C117E**

**Level: 2**

**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

## 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 or Athletics			

### 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.

## 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**

**CHEERLEADING**

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

# **LOCKHART ISD EARLY COLLEGE HS**

LEVEL	YEAR 1	YEAR 2	YEAR 3	YEAR 4
<b>Associate of Arts (AA)</b>	<u>Fall Semester</u> PATH College/Career I	<u>Fall Semester</u> PATH College/Career II and ARTS 1301 and PSYCH 2301	<u>Fall Semester</u> PATH College/Career III and ENG 1301 and HIST 1302 and ENVI 1301 and HUMA 1302	<u>Fall Semester</u> PATH College/Career IV and ENG 2322 and GOVT 2305 and MATH 1314 and DRAM 1310
	<u>Spring Semester</u> PATH College/Career I and EDUC 1300	<u>Spring Semester</u> PATH College/Career II and SOCI 1301 and SPCH 1311	<u>Spring Semester</u> PATH College/Career III and ENG 1302 and HIST 1301 and ENVI 1302 and HUMA 1301	<u>Spring Semester</u> PATH College/Career IV and GOVT 2306 And COSC 1301 and DRAM 1310 and MUSI 1306
<b>Core Complete (CC)</b>	<u>Fall Semester</u> PATH College/Career I	<u>Fall Semester</u> PATH College/Career II and ARTS 1301 and PSYCH 2301	<u>Fall Semester</u> PATH College/Career III and ENG 1301 and HIST 1302	<u>Fall Semester</u> PATH College/Career IV and ENG 2322 and GOVT 2305 and MATH 1314 and ENVI 1301
	<u>Spring Semester</u> PATH College/Career I and EDUC 1300	<u>Spring Semester</u> PATH College/Career II and SOCI 1301 and SPCH 1311	<u>Spring Semester</u> PATH College/Career III and ENG 1302 and HIST 1301	<u>Spring Semester</u> PATH College/Career IV and DRAM 1310 and MUSI 1306 and GOVT 2306 and ENVI 1302

### **PATH COLLEGE/CAREER I**

**Credit: 1**

**EL110**

**Grade: 9**

**Type: Regular**

The Path-College/Career Prep courses promote intellectual curiosity, responsibility, reliability, emotional resilience, and perseverance through activities that encourage deeper thinking and reasoning across the four core subjects. This secondary course series is designed to cultivate the habits and skills necessary for success in college and the workplace. Students in the Path program build essential personal, interpersonal, and cognitive skills that enhance their productivity in both academic and professional environments

### **PATH COLLEGE/CAREER III**

**Credit: 1**

**EL310**

**Grade: 11**

**Type: Regular**

The Path-College/Career Prep courses encourage intellectual curiosity, accountability, reliability, emotional resilience, and perseverance through activities that promote deeper thinking and reasoning in the four core subjects. This series is designed to cultivate the habits and skills essential for success in college and the workforce. Students in the Path program develop key personal, interpersonal, and cognitive skills that enhance their productivity in both academic and professional environments.

### **EDUC 1300: EFFECTIVE STRATEGIES FOR COLLEGE SUCCESS**

**Credit: 0.5**

**EL705**

**Grade: 9-12**

**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: TSIA ELAR Complete, Meet ACC admission requirements**

### **ENGLISH 2322: BRITISH LITERATURE I**

**Credit: 1**

**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: LA305 and LA305B, or equivalent course**

### **ARTS 1301: ART APPRECIATION**

**Credit: 1.0**

**FA137**

**Grade: 10-12**

**Type: Dual Credit**

A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts. **Prerequisites: TSIA ELAR Complete, Meet ACC admission requirements**

### **PATH COLLEGE/CAREER II**

**Credit: 1**

**EL210**

**Grade: 10**

**Type: Regular**

The Path-College/Career Prep courses foster intellectual curiosity, accountability, dependability, emotional strength, and perseverance through activities that stimulate deeper thinking and reasoning in the four core subjects. This series is crafted to develop the habits and skills crucial for success in both college and the workforce. Students in the Path program cultivate important personal, interpersonal, and cognitive skills that boost their productivity in academic and professional settings.

### **PATH COLLEGE/CAREER IV**

**Credit: 1**

**EL410**

**Grade: 12**

**Type: Regular**

The Path-College/Career Prep courses inspire intellectual curiosity, accountability, reliability, emotional resilience, and perseverance through activities that foster deeper thinking and reasoning in the four core subjects. This series aims to develop the habits and skills vital for success in college and the workplace. Students in the Path program acquire essential personal, interpersonal, and cognitive skills that improve their productivity in both academic and professional settings

### **SPCH 1311: INTRODUCTION TO SPEECH COMMUNICATION**

**Credit: 0.5**

**LA705**

**Grade: 10**

**Type: Dual Credit**

Introduction to Speech Communication explores the theories and practice of speech communication behavior to promote communication competence in interpersonal, small group, and public speaking situations. Some of the topics that are covered include practices for sharpening your listening and nonverbal skills, and how to enhance your speech organization and delivery skills. Additional topics may include how to work in teams and manage conflict communications effectively.

**Prerequisites: TSIA Complete, Meet ACC admission requirements**

### **PSYC 2301: INTRODUCTION TO PSYCHOLOGY**

**Credit: 0.5**

**SS701**

**Grade: 10-12**

**Type: Dual Credit**

Survey of introductory topics such as learning, memory, sensation and perception, personality, life-span development, physiological basis of behavior, stress and health, psychological disorders, social psychology, and research methods. Additional topics such as language development, states of consciousness, and psychotherapy may also be included as determined by the instructor. **Prerequisites: TSIA ELAR Complete, Meet ACC admission requirements**

**SOCI 1301: INTRODUCTION TO SOCIOLOGY****Credit: 0.5****SS602****Grade: 10-12****Type: Dual Credit**

Introduction to theoretical perspectives and research pertaining to society and to the relationship between society and the individual. Covers the basic elements of society, such as culture, social structure, social groups, race, gender, social institutions, social processes, and social change.

**Prerequisites:** *TSIA Complete, Meet ACC admission requirements*

**ENG 1301: ENGLISH COMPOSITION I****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 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. Please Note: Students that do not successfully complete English 1301 may not continue on to English 1302. Therefore, a student's course schedule may be impacted

**Prerequisites:** *TSIA ELAR Complete, Meet ACC admission requirements*

**HIST 1302: UNITED STATES HISTORY II****Credit: 1.0****SS305B****Grade: 11-12****Type: Dual Credit**

A study of the history of the United States from 1877 to present. This course replaces U.S History Credit (SS301) which is required for graduation. Course fees may apply.

**Prerequisites:** *TSIA ELAR Complete, Meet ACC admission requirements*

**ENVI 1301: INTRODUCTION TO ENVIRONMENTAL SCIENCE****Credit: 1.0****SC305****Grade: 11-12****Type: Dual Credit**

To give students an understanding of how science and the scientific method works to address environmental problems. The student will become familiar with the Earth's major systems (ecosystems and biogeochemical cycles), how they function and how they are affected by human activity (population growth, air, water and soil pollution, ozone depletion, global warming, solid waste disposal). Students will learn about the interaction of human society (urban sprawl, energy use/generation, resource consumption and economics) with the Earth's systems.

**Prerequisites:** *TSIA ELAR Complete, Meet ACC admission requirements*

**ENG 1302: ENGLISH COMPOSITION II****Credit: 0.5****LA305B****Grade: 11-12****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 LA305 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:** *TSIA ELAR Complete, Meet ACC admission requirements*

**HIST 1301: UNITED STATES HISTORY I****Credit: 0.5****SS305A****Grade: 11-12****Type: Dual Credit**

Study of the history of the United States to 1877.

**Prerequisites:** *TSIA ELAR Complete, Meet ACC admission requirements*

**ENVI 1302: ISSUES IN ENVIRONMENTAL SCIENCE****Credit: 1.0****SC405****Grade: 11-12****Type: Dual Credit**

This course will make the student familiar with some of the major environmental problems facing the global society and examine how these issues impact humans/society/Earth's life support systems and generate conflict in their solutions or in the absence of solutions. The interaction of science, technology and society will be discussed as they apply to these issues. One objective will be to find solutions to these environmental problems.

**Prerequisites:** *TSIA ELAR Complete, Meet ACC admission requirements*

**HUMA 1301: PREHISTORY TO RENAISSANCE****Credit: 1.0****LA410****Grade: 11-12****Type: Dual Credit**

A study of representative samples of literature, art, and music of various periods and cultures from prehistory through the Renaissance. The study of the interrelationships of the arts and their philosophies emphasizes an understanding of human nature and the values of human life. **Prerequisites: TSIA ELAR Complete, Meet ACC admission requirements**

**HUMA 1302: RENAISSANCE TO PRESENT****Credit: 1.0****LA411****Grade: 11-12****Type: Dual Credit**

A study of representative samples of literature, art, and music of various periods and cultures from the Renaissance through the present. The study of the interrelationships of the arts and their philosophies emphasizes an understanding of human nature and the values of human life. **Prerequisites: TSIA ELAR Complete, Meet ACC admission requirements**

**GOVT 2305: UNITED STATES GOVERNMENT****Credit: 0.5****SS405****Grade: 12****Type: Dual Credit**

This course is an introduction to the United States government. The course includes a framework for understanding United States government and politics and the constitutional basis for the processes, the institutions, and the policies of United States government and politics. 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. **Prerequisites: TSIA ELAR Complete, Meet ACC admission requirements**

**GOVT 2306: TEXAS STATE & LOCAL GOVERNMENT****Credit: 0.5****SS410****Grade: 12****Type: Dual Credit**

This course is an introduction to Texas State and Local Government. The course includes an introduction to a framework for analyzing Texas government and politics, the constitutional basis for Texas government and politics, the processes of Texas government and politics, the institutions of Texas government and politics, and the policies of Texas 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 2306. **Prerequisites: TSIA ELAR Complete, Meet ACC admission requirements**

**COSC 1301: INTRODUCTION TO COMPUTING****Credit: 1.0****EL411****Grade: 11-12****Type: Dual Credit**

Overview of computer systems' hardware, operating systems, and microcomputer application software, including the Internet, word processing, spreadsheets, presentation graphics, and databases. Current issues such as the effect of computers on society, and the history and use of computers in business, educational, and other modern settings are also studied. This course provides the required computer literacy core competencies that all students need to attain by graduation. **Prerequisites: TSIA ELAR Complete, Meet ACC admission requirements**

**MATH 1314: COLLEGE ALGEBRA****Credit: 0.5****MA534****Grade: 10-12****Type: Dual Credit**

In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. **Prerequisites: TSIA Math Complete, Meet ACC admission requirements**

**MUSI 1306: MUSIC APPRECIATION****Credit: 1.0****FA245****Grade: 11-12****Type: Dual Credit**

This class is designed to teach students how to more fully understand and appreciate music. No musical training is required. This course will delve into the historical and cultural relationships that are intrinsic in any formal study of music. Listening to Western Art Music and understanding its influence on society is the focal point of our discourse. **Prerequisites: TSIA ELAR Complete, Meet ACC admission requirements**

**DRAM 1310: THEATER APPRECIATION****Credit: 1.0****FA505****Grade: 11-12****Type: Dual Credit**

A general survey of theater including exploration of dramatic literature, theory, and criticism; production arts, skills, and crafts; and theater history from 500 BC to the present. Course requires good reading and writing skills. Attendance at plays required. **Prerequisites: TSIA ELAR Complete, Meet ACC admission requirements**