

Liberty Hill ISD



Course Catalog

2018 – 2019

The Mission of the Liberty Hill Independent School District is to provide a safe, respectful and responsible environment where all students learn to make their dreams a reality.

District Administration

*301 Forrest St.
Liberty Hill, TX 78642
512-260-5580*

Dr. Rob Hart, Superintendent
Dr. Toni Hicks, Assistant Superintendent
Chad Pirtle, Assistant Superintendent

Liberty Hill High School

*16500 W. State Highway 29
Liberty Hill, TX 78642
512-260-5500*

Grades 9-12

Mario Bye, Principal
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D'Onda Kristan, Assistant Principal
Lara Chapman, Counselor (A-E)
Calvin Phillips, Counselor (Fa-Mi)
Megan Riggins, Counselor (Mo-Z)
Kristy Kercheville, CTE Director
Jannie Vickers, Registrar

Liberty Hill Junior High

*13125 W. State Highway 29
Liberty Hill, TX 78642
512-260-3300*

Grades 7-8

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Bobby Rush, Assistant Principal
Courtney McVan, Counselor
Laurie Polser, Registrar

Liberty Hill Intermediate

*101 Loop 332
Liberty Hill, TX 78642
512-260-3200*

Grades 5-6

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Dawn Hudson, Assistant Principal
Margaret Wofford, Counselor
Paula Kaderka, Registrar

NONDISCRIMINATION STATEMENT In its efforts to promote nondiscrimination and as required by law, Liberty Hill Independent School District does not discriminate on the basis of race, religion, color, national origin, gender, sex, disability, age, or any other basis prohibited by law, in providing education services, activities, and programs, including CTE programs, and provides equal access to the Boy Scouts and other designated youth groups. The following district representatives have been designated to coordinate compliance with these legal requirements:

- Title IX Coordinator, for concerns regarding discrimination on the basis of sex, including sexual harassment or gender-based harassment: Dr. Rob Hart, Superintendent, 301 Forrest Street, Liberty Hill, Texas 512-260-5580.
- ADA/Section 504 Coordinator, for concerns regarding discrimination on the basis of disability: Dr. Rob Hart, Superintendent, 301 Forrest Street, Liberty Hill, Texas 512-260- 5580.
- All other concerns regarding discrimination: See the superintendent, Dr. Rob Hart, Superintendent, 301 Forrest Street, Liberty Hill, Texas 512-260-5580.

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Graduation Program Overview

(adapted from The TEA Graduation Toolkit, <http://tea.texas.gov/WorkArea/DownloadAsset.aspx?id=51539608601>)

Foundation High School Program

The Foundation High School Program with endorsements is a flexible program that allows students to pursue their interests. It is the default graduation program for students who entered high school in the 2014-15 school year or later.

The program contains up to four parts:

- A 22-credit foundation plan which is the core of the Texas high school diploma program
- Five endorsement options that allow students to focus on a related series of courses
- A higher performance category called Distinguished Level of Achievement
- Performance Acknowledgments that note outstanding achievement in specific areas

Foundation requirements (22 credits)				
English (4 cr)	English I	English II	English III	Adv. English
Math (3 cr)	Algebra I	Geometry	Adv. Math	
Science (3 cr)	Biology	Integr. Phys. & Chem. or Adv. Science		Adv. Science
Social Studies (3 cr)	World History or World Geography		U.S. History	Govt/Economics
Languages (2 cr)	Two credits from the same language: Spanish or American Sign Language			
Others	Fine Arts (1 cr)	Physical Ed (1 cr)	Electives (5 cr)	

Endorsements

Students are able to earn one or more endorsements as part of their graduation requirements. Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area. Students must select an endorsement in the ninth grade. A student may change or add an endorsement at any time. Students earn an endorsement by completing the curriculum requirements for the endorsement, including 4 credits in both math and science and 2 additional elective credits.

Endorsement areas with programs of study (additional 4 credits)	
STEM	Science, Math, Engineering
Business & Industry	Animal Science, Business Management, Culinary Arts, Digital Media, Fashion Design (ends with class of 2019), Education & Training, and Welding
Public Service	Health Science, Law & Public Safety
Arts & Humanities	Dance, Languages Other Than English, Music, Social Studies, Theatre Arts, Visual Arts

Multidisciplinary Studies	Four credits in each of the four core subjects, including English IV and chemistry or physics; or, four credits in AP courses or four credits in dual credit courses
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A student may graduate without an endorsement if, after his or her sophomore year, the student's parents signs a form permitting the students to omit the endorsement requirement.

Enhancements

Additionally, a student may earn the Distinguished Level of Achievement and/or a Performance Acknowledgment for outstanding performance. The Distinguished Level of Achievement must be earned to be admitted to a Texas public university under the Top 10 percent automatic admission law.

Enhancements	
Distinguished Level of Achievement	Performance Acknowledgments
<ul style="list-style-type: none"> • Foundation Program requirements • 4 credits in math including Algebra II • 4 credits in science • at least 1 endorsement 	<ul style="list-style-type: none"> • dual credit courses • bilingualism and bi-literacy • PSAT, ACT Aspire, SAT, or ACT • Advanced Placement or International Baccalaureate exams • earning a state-, nationally- or internationally-recognized business or industry certification of license

Distinguished Level of Achievement Benefits

The Distinguished Level of Achievement opens a world of educational and employment opportunities for you beyond high school. The Distinguished Level of Achievement will:

- Allow you to compete for Top 10% automatic admissions eligibility at any Texas public university;
- Position you among those first in line for a TEXAS Grant (must be financially qualified) to help pay for university tuition and fees; and
- Ensure you are a more competitive applicant at the most selective colleges and universities.

The advantages of earning a Distinguished Level of Achievement include:

- Opportunity to earn an endorsement in an area of interest
- Better preparation for college-level coursework at community/technical colleges and universities
- Opportunity for immediate enrollment in classes related to your chosen field of study

Strong foundation to successfully complete an industry workforce credential or college degree

Foundation High School Program Information for Parents

(from The Bush School of Government & Public Service, http://bush.tamu.edu/psaa/capstones/HB5_ParentsGuide.pdf)

What is it and how does it affect my student?

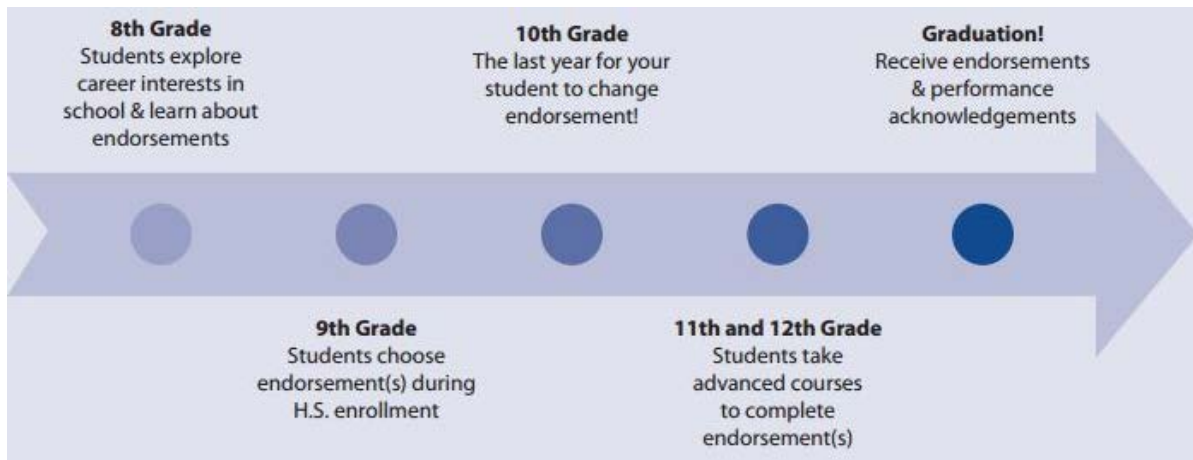
The Foundation High School Program, also known as "HB5," adopted in May 2013, is a system of educational paths in which students choose a 'pathway' composed of similarly themed courses they wish to pursue in their high school career. The courses should preferably align with the student's college or career goals. The policy is designed around five "endorsements."

What do I need to do?

Parental involvement is critical! Remain informed and knowledgeable of the courses your student is taking, as well as the changes to their high school graduation plan. Don't be surprised at graduation!

Learn how your student will benefit from taking Algebra II and which advanced math courses will best fit their college/career goals. (Students under the distinguished graduation plan must take Algebra II.) Determine which math and science courses colleges/universities are still requiring for admittance. Understand 'performance acknowledgements' and how can they benefit your student.

Basic Endorsement Milestone Timeline



Where do I go for more information?

In addition to information the school counselors provide, the Texas Education Agency (TEA) has information on endorsement FAQs.

Check the following link for more details:

<http://tea.texas.gov/graduation-requirements/hb5.aspx>





Career exploration and post-secondary information is also available through the following public websites: Texas CARES <http://www.texascareercheck.com/> and Occupational Outlook Handbook <http://www.bls.gov/ooh/>

Graduation Planning for High School Students

*Distinguished Level of Achievement Graduation Plan – 26 credits

**Students must fulfill the Graduation requirements of at least one endorsement and successfully complete Algebra II.*

Foundation + Endorsement Graduation Plan – 26 credits

			
STEM	Business & Industry	Public Service	Arts & Humanities
4 English: ELA I, II, III & one advanced English	4 English: ELA I, II, III & one advanced English	4 English: ELA I, II, III & one advanced English	4 English: ELA I, II, III & one advanced English
4 Math: Algebra I, Geometry, Algebra II & one adv. Math	4 Math: Algebra I, Geometry & *two advanced math	4 Math: Algebra I, Geometry & *two advanced math	4 Math: Algebra I, Geometry & *two advanced math
4 Science: Biology, Chemistry, Physics & one advanced science	4 Science: Biology, IPC or Chemistry or Physics & two advanced science	4 Science: Biology, IPC or Chemistry or Physics & two advanced science	4 Science: Biology, IPC or Chemistry or Physics & two advanced science
**3 Social Studies: World Geography or World History, U.S. History, & Gov./Eco.	**3 Social Studies: World Geography or World History, U.S. History, & Gov./Eco.	**3 Social Studies: World Geography or World History, U.S. History, & Gov./Eco.	**3 Social Studies: World Geography or World History, U.S. History, & Gov./Eco.
2 Lang. Other Than English: 2 in Spanish or 2 in American Sign Lang.	2 Lang. Other Than English: 2 in Spanish or 2 in American Sign Lang.	2 Lang. Other Than English: 2 in Spanish or 2 in American Sign Lang.	2 Lang. Other Than English: 2 in Spanish or 2 in American Sign Lang.
1 Physical Education	1 Physical Education	1 Physical Education	1 Physical Education
1 Fine Art	1 Fine Art	1 Fine Art	1 Fine Art
7 Electives	7 Electives	7 Electives	7 Electives

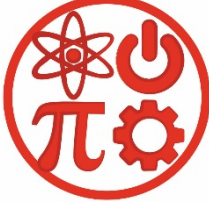



***Some colleges/universities require or prefer a fourth social studies credit.*

A student may complete an endorsement in **Multidisciplinary Studies** by earning four credits in each of the four core subjects, including English IV and chemistry or physics; four credits in AP courses; or four credits in dual credit courses (plus LOTE, PE, Fine Arts, electives = 26 credits).

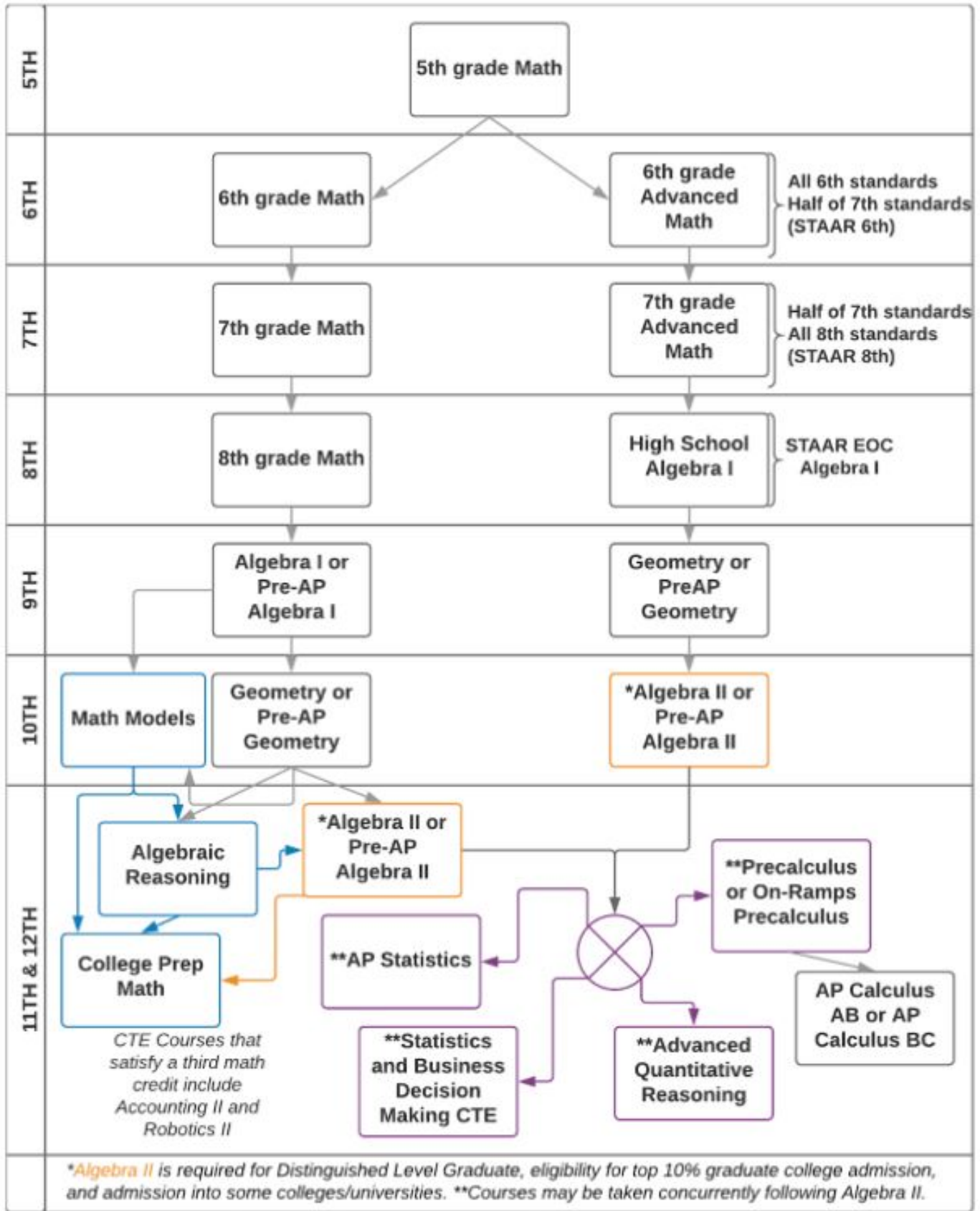
***Foundation Graduation Plan – 22 credits

4 English: ELA, I, II, III, & one advanced English	2 Languages Other Than English
3 Math: Algebra I, Geometry, & two advanced math	1 Physical Education
3 Science: Biology, IPC or Chemistry or Physics, & two adv. science	6 Electives
3 Social Studies: World Geography or World History, U.S. History, & Government/Economics	***Student may declare the Foundation Plan only after the sophomore year with parent/guardian permission.
State Assessments	Performance Acknowledgements
English I English II Algebra I Biology U.S. History	Outstanding performance: Dual Credit/ Enrollment courses; Bilingualism; AP, PSAT, SAT and ACT Scores; or Certification: Nationally or Internationally recognized cert. or license

Endorsement Planning for High School Students

			
STEM	Business & Industry	Public Service	Arts & Humanities
<p>All STEM Require</p> <ul style="list-style-type: none"> • Algebra I • Geometry • Algebra II • Biology • Chemistry • Physics <p>STEM Science Plus</p> <ul style="list-style-type: none"> • Two Adv. Sciences <p>STEM Math Plus</p> <ul style="list-style-type: none"> • Precalculus • One Adv. Math <p>STEM Engineering Plus</p> <ul style="list-style-type: none"> • Principles of Applied Engineering <p>Select either:</p> <ul style="list-style-type: none"> • Robotics I and II or • Engineering Design I and II <p>(Courses may be regular, AP, or Dual Credit/Enrollment for this endorsement.)</p>	<p>Animal Science (CTE)</p> <ul style="list-style-type: none"> • Principles of Ag • Small Animal & Prof. Standards in Ag • ¹Wildlife Management • ²Veterinary Med and/or ³Adv. Animal Science <p>Business Management (CTE)</p> <ul style="list-style-type: none"> • Principles of Business • ⁴Business Info Management • Advertising/Marketing • ³Business Management <p>Finance (CTE)</p> <ul style="list-style-type: none"> • Principles of Business • Money Matters • Accounting I • [*]Accounting II <p>Culinary Arts (CTE)</p> <ul style="list-style-type: none"> • Principles of Hospitality • Intro to Culinary • ⁵Culinary Arts (2 cr) • [*]Practicum in Culinary (2 cr) <p>Digital Media (CTE)</p> <ul style="list-style-type: none"> • Principles of AAVTC • Digital Media • [*]Web Tech and Animation I, or • [*]Animation I and Animation II <p>Journalism</p> <ul style="list-style-type: none"> • Journalism • Yearbook I-III <p>Welding (CTE)</p> <ul style="list-style-type: none"> • Principles of Ag • Ag Mechanics • Ag Equipment • ⁶Ag Practicum (2 cr) 	<p>Health Science (CTE)</p> <ul style="list-style-type: none"> • Principles of Health Science • Medical Terminology • [*]Anatomy & Physiology and [*]Health Science (1 cr) and ⁷Health Science Clinical (2 cr) <p>Law & Public Safety (CTE)</p> <ul style="list-style-type: none"> • Principles of Law, Public Safety, & Corrections • Law Enforcement I • [*]Forensic Science • [*]Law Enforcement II <p>Education & Training (CTE)</p> <ul style="list-style-type: none"> • Principles of Education • Human Growth & Development • Family & Consumer Services • Instructional Practice <p>Some colleges/universities require or prefer credit for Algebra II and a fourth social studies credit.</p> <p>Students who complete Algebra II and an endorsement will graduate on the Distinguished Achievement Plan.</p> <p>CTE programs for an endorsement require the completion of four CTE courses, which may include a CTE Elective.</p> <p>Also, one advanced CTE in the third course or higher is required.</p> <p>*Advanced CTE</p>	<p>Languages Other Than English</p> <ul style="list-style-type: none"> • Spanish I-III and AP Spanish or • Spanish I-II and American Sign Language I-II <p>Theatre Arts</p> <ul style="list-style-type: none"> • Theatre Production I-IV or • Technical Theatre I-IV or • Production I-II and Technical I-II <p>Visual Arts</p> <ul style="list-style-type: none"> • Art I and • Art II/Ceramics I • Art III/Ceramics II • Art IV/Ceramics III or • Art I Drawing I • Art III/Drawing II • Art IV/Drawing III • or • a combination <p>Music</p> <ul style="list-style-type: none"> • Band I-IV or • Choir I-IV <p>Dance</p> <ul style="list-style-type: none"> • Liberty Belles I (PE) • Liberty Belles II-IV (Fine Arts) • One additional Fine Art <p>Social Studies</p> <ul style="list-style-type: none"> • 5 credits: World Geography, World History, U.S. History, Gov./Eco., and Psychology/Sociology
<p>A student may complete an endorsement in Multidisciplinary Studies by earning four credits in each of the four core subjects, including English IV and chemistry or physics; four credits in AP courses; or four credits in dual credit/concurrent enrollment courses (plus LOTE, PE, Fine Arts, electives = 26 credits).</p>			
<p>CTE Certifications: ¹Safety for Hunter and Boating, ²Cert. Veterinary Asst., ³Occupational Safety and Health Admin, ⁴IC3 and Microsoft Office Specialist, ⁵Ntl. Restaurant Assoc. Serv-Safe, ⁶AWS Welding, ⁷Certified Nurse Aide or Certified Pharmacy Technician</p>			

Mathematics Planning for Secondary Students



Liberty Hill High School General Information

Advanced Placement - Dual Credit - Concurrent Enrollment

	Advanced Placement	Dual Credit	Concurrent Enrollment
Description	The AP Program allows students to take college-level courses and exams while in high school. A strong score on the culminating exam may result in college credit or placement.	Dual Credit allows high school students to earn both high school and college credit by completing courses at the high school and/or college campus.	Concurrent enrollment allows high school students to earn both high school and college credit by completing courses at the high school and/or college campus.
Credit	College credit may be awarded depending on the student's score on the AP examination. Individual college and universities, not the College Board or the AP Program, determine course credit and placement.	High school and college credit through Austin Community College (ACC) is awarded when the student passes the college course.	High school and college credit through UT Austin are awarded separately for the high school and college course. Students may earn credit in one and not the other.
Teacher/Instructor	Taught by high school teachers who are expected to complete AP training.	Taught by ACC adjunct college faculty or high school instructors approved by ACC.	Taught by high school teacher in partnership with the UT professor of record.
College/University Acceptance	Accepted at numerous universities nationwide; typically requires a 3 or higher on the AP exam (contingent on university). Students should check with chosen universities to see if AP credit is awarded.	Accepted at public (and some private) colleges and universities in Texas as well as many outside of Texas. Requires semester average of "C" or better for transferability from the ACC transcript.	Accepted at any colleges and universities that accept transfer credits from UT Austin.
Taught	Taught on the high school campus.	Taught on the high school campus or the ACC campus.	Taught on the high school campus and online concurrently.
Eligibility	Open to all high school students.	Open to students who meet specified college readiness scores.	Open to all high school students.
Costs	LHISD provides textbooks. Student pays for AP exams.	Students purchase textbooks. No course fees 2018-2019.	LHISD/UT provide course materials. No course fees 2018-2019.

Assessments

STAAR end-of-course (EOC) assessments are administered for the following courses:

- Algebra I
- English I and English II
- Biology
- U.S. History

Satisfactory performance, masters or meets standards, on the applicable assessments will be required for graduation, unless otherwise waived or substituted as allowed by state law and rules.

There are three testing windows during the year in which a student may take an EOC assessment, which will occur during the fall, spring, and summer months. If a student does not meet satisfactory performance, the student will have additional opportunities to retake the assessment.

Designated supports (accommodations) will be available for students who require certain instructional and assessment supports on a routine basis.

STAAR Alternate 2, for students receiving special education services who meet certain criteria established by the state, will be available for eligible students, as determined by the student's ARD committee.

An ARD committee for a student receiving special education services will determine whether successful performance on the EOC assessments will be required for graduation within the parameters identified in state rules and the student's personal graduation plan.

SAT/ACT (Scholastic Aptitude Test and American College Test): Many colleges require either the American College Test (ACT) or the Scholastic Aptitude Test (SAT) for admission. Students are encouraged to talk with the school counselor early during their junior year to determine the appropriate exam to take; these exams are usually taken at the end of the junior year. The Preliminary SAT (PSAT) and ACT-Aspire are the corresponding preparatory and readiness assessments for the SAT and ACT, and more information can be obtained on these assessments from the school counselor. Note that participation in these assessments may qualify a student to receive a performance acknowledgment on his or her transcript under the foundation graduation program and may qualify as a substitute for an end-of-course testing requirement in certain circumstances. A student's performance at a certain level on the SAT or ACT also makes the student eligible for automatic admission to a Texas public institution of higher education.

TSI (Texas Success Initiative) Assessment: Prior to enrollment in a Texas public college or university, most students must take a standardized test called the Texas Success Initiative (TSI) assessment. The purpose of the TSI assessment is to assess the reading, mathematics, and writing skills that entering freshmen-level students should have if they are to perform effectively in undergraduate certificate or degree programs in Texas public colleges and universities. This assessment may be required before a student enrolls in a dual credit course offered through the district as well. Achieving certain benchmark scores on this assessment for college readiness may also waive certain end-of-course assessment requirements in limited circumstances.

Automatic Admission to a Texas Public University

Top students in Texas are eligible for automatic admission to any public university in Texas under state admissions policies. Under House Bill 588 passed by the 75th Legislature in 1997, students who are in the top 10% of their graduating class are eligible for automatic admission to any public university in Texas.

However, SB 175 caps the number of students admitted under the top 10% law to 75% at UT Austin; thus, acceptance rates will vary from year to year. As a result, UT Austin will automatically admit all eligible summer/fall freshmen applicants who rank within the top 7% of their high school graduating classes, with remaining spaces to be filled through holistic review. In the fall, graduate requirements for the spring will be announced.

To be eligible for the top 10% automatic admission, a student must:

- Graduate in the top 10% of his/her class at a public or private high school in Texas*;
- Enroll in college no more than two years after graduating from high school; and
- Submit an application and all required documents to a Texas public university for admission before the institution's application deadline. Since deadlines vary, please check with the specific university to verify the application deadline.

****Freshman students entering high school in the 2014-2015 school year and beyond are required to successfully complete Algebra II and an endorsement in order to be eligible for automatic admission into any Texas public university (Distinguished Plan).***

Once a student is admitted, a university may review a student's high school records to determine if the student is prepared for college-level course work. A student who needs additional preparation may be required to take a developmental, enrichment, or orientation course(s) during the semester prior to the first semester of college.

Class Rank

The District shall include in the calculation of class rank grades earned in all high school credit courses taken in grades 9–12, unless excluded below. The calculation of class rank shall exclude grades earned in or by physical education; athletics; cheerleading; band; a second, third, or fourth year fine arts course; a local credit course; a course taken at an unaccredited school, including a homeschool; a course for which a pass/fail grade is assigned; and credit by examination, with or without prior instruction.

In addition, the calculation of class rank shall exclude grades earned through distance learning, unless the grade is earned in a distance learning course either assigned to the student by the District or offered as a course option along with traditional District courses.

The District shall assign weights to grades earned in eligible courses and shall calculate a weighted numerical grade average in accordance with the following scale:

- Advanced Placement (AP) plus 10
- Dual Credit/Dual Enrollment/OnRamps plus 10
- Pre-AP, Advanced, and Honors plus 5
- Regular Academic and First Year Fine Arts plus 1
- All Other Eligible Courses plus 0

When a student transfers grades for properly documented and eligible courses from an accredited high school, the District shall assign weight to those grades based on the categories and grade weight system used by the District if comparable courses were offered to the same class of students in the District.

For the purpose of determining honors to be conferred during graduation activities, the District shall calculate class rank using grades available at the time of calculation at the end of the spring semester (i.e., the end of the final school year).

For the purpose of applications to institutions of higher education, the District shall also calculate class ranking as required by state law. The District's eligibility criteria for local graduation honors shall apply only for local recognitions and shall not restrict class ranking for the purpose of automatic admission under state law.

The valedictorian and salutatorian shall be the eligible students with the highest and second highest ranking, respectively. To be eligible for such recognition, a student must: 1. have been continuously enrolled in the District high school for the four semesters immediately preceding graduation; 2. have completed the Recommended Program or the Advanced/Distinguished Achievement Program for graduation; and 3. be graduating after exactly eight semesters of enrollment in high school.

In case of a tie in weighted numerical grade averages after calculation to the thousandths place, the District shall recognize all students involved in the tie as sharing the honor and title.

Unless the highest-ranking student was ineligible for valedictory honors, the District shall then make a comparison of standardized test scores (the SAT and then the ACT) to determine which student shall receive the state scholarship certificate for the highest-ranking student.

College Credit Courses

Students in grades 9–12 have opportunities to earn college credit through the following methods:

- Certain courses taught at the high school campus, which may include courses termed dual credit, Advanced Placement (AP), International Baccalaureate (IB), or college preparatory;
- Enrollment in an AP, dual credit, dual enrollment, or concurrent enrollment course through the Texas Virtual School Network or UT OnRamps Program;
- Enrollment in courses taught in conjunction and in partnership with Austin Community College, which may be offered on or off campus;
- Enrollment in courses taught at other colleges or universities; and
- Certain CTE courses.

All of these methods have eligibility requirements and must be approved prior to enrollment in the course. Please see the school counselor for more information. Depending on the student's grade level and the course, a state-mandated end-of-course assessment may be required for graduation. It is important to keep in mind that not all colleges and universities accept credit earned in all dual credit or AP courses taken in high school for college credit. Students and parents should check with the prospective college or university to determine if a particular course will count toward the student's desired degree plan.

Course Availability

Courses are offered according to student need and teacher availability. Students and parents are reminded that course selection determines how the school's schedule is built, faculty hired and room assignments are made.

Schedule changes can have a significant impact on the calculation of the six weeks average. Therefore, schedule changes will be considered for the following reasons only:

- The student is a senior not scheduled in a course needed for graduation;
- The student has already earned credit for a course in which he/she is currently scheduled;
- The student does not have the prerequisite(s) for a class listed on his/her schedule;
- The student has previously failed this course under the same teacher;
- The student has been dismissed from a program for which approval must be granted for placement;
- The student does not have a full schedule;
- There is a data entry error (i.e., no lunch, class listed twice, free period); or
- Other as approved by building administrator or designee.

Schedule changes must be approved by the administrator or administrative designee. **State law mandates 90% attendance in each class, each semester, to acquire credit.**

Course Credit

A student in grades 9–12, or in a lower grade when a student is enrolled in a high school credit-bearing course, will earn credit for a course only if the final grade is 70 or above. For a two semester (1 credit) course, the student's grades from both semesters will be averaged and credit will be awarded if the combined average is 70 or above. Should the student's combined average be less than 70, the student will be required to retake the semester in which he or she failed.

Course Selection

Counselors advise all students of course requirements and graduation requirements under current Texas law. The school cannot take the total responsibility for the proper choice of subjects for either students' graduation or college entrance. Students should carefully check the local graduation requirements and the catalog of the college of choice before choosing courses. A useful reference site in this regard is www.collegeboard.com. Under no circumstances should students depend on any high school official to choose the correct courses for their future. The counselors, the administration, or other faculty members will be glad to assist students at any time, but students and parents must make the final choice. The parent/guardian must approve changes. The administrator or administrative designee must approve schedule changes. Students graduating on the Recommended Plan/Foundation + Endorsement Plan are eligible to receive additional State financial aid. The Texas Grant and Exemption Program is an award of varying amounts to assist certain students who graduate on the recommended high school program with college expenses. For more information on the TX Grant and the TX B-on-Time Loan, the student should review the website (www.collegefortexans.com).

*Freshmen entering school 2014-15 and beyond are required to successfully complete Algebra II and an endorsement (Distinguished) in order to be eligible for automatic admission into any Texas public university.

Parents and students may view schedule choices through Skyward Family Access; Schedule – requests for next school year. Changes may be made by the parent/student up until the schedules are locked down (typically in April) - any changes after that point see above.

****SPED may adjust choice requests made by the student based on ARD decisions****

Credentialing

A student has the opportunity to receive high school credit through “credentialing.” Credentialing allows a student to receive credit for lower level courses when the student successfully completes the upper level course or credit by examination in which he/she is enrolled. This is possible in LOTE because the TEKS are very similar from level to level with the proficiency levels being the only difference. A student who successfully completes a level 3 foreign language course, automatically completes level 1 and level 2 as the level 3 foreign language course subsumes level I and level II. In essence, this means that if a 9th grade ELL student successfully completes Spanish III, the district may credential the student (grant credit) for level I and level II of that foreign language. The classes that are credentialed will receive credit but are not included in GPA or rank.

Credit by Exam with Prior Instruction

A student who has previously taken a course or subject, but did not receive credit is permitted to earn credit by passing an exam on the essential knowledge and skills defined for that course or subject. Prior instruction may include incomplete coursework due to a failed course or excessive absences, homeschooling, or coursework by a student transferring from a non-accredited school. The school counselor or principal will determine if the student can take an exam for this purpose. The student must score at least 70 on the exam to receive credit for the course or subject.

Credit by Exam without Prior Instruction (Exam for Acceleration)

A student will be permitted to take an exam to earn credit for an academic course or subject area for which the student has had no prior instruction or to accelerate to the next grade level. If a student plans to take an exam, he/she (or parent) must register with the District Curriculum Department no later than 30 days prior to the scheduled testing date. The district will honor a request by a parent to administer a test on a date other than the published dates. If the district agrees to administer a test other than the one chosen by the district, the student's parent will be responsible for the cost of the exam if exam is purchased through outside source.

A student can earn course credit with a passing score of at least 80 on the exam or a score designated by the state for an exam that has alternate scoring standards. A student may take an exam to earn course credit no more than twice. If a student fails to achieve the designated score on the applicable exam, he/she must enroll in and complete the course.

Credit Recovery

Students may gain credit through computer-assisted instruction for courses previously failed. Not all courses are eligible for recovery. It is not the intent of the program to be utilized for acceleration. Students should contact their school counselor for information.

Distance Learning

All Grade Levels: Distance learning and correspondence courses include courses that encompass the state-required essential knowledge and skills but are taught through multiple technologies and alternative methodologies such as mail, satellite, Internet, video-conferencing, and instructional television. The distance learning opportunities that the district makes available to district students are correspondence courses offered by the University of Texas at Austin, Texas Tech University, or other public institutions of higher education approved by the Texas Education Commissioner. If a student wishes to enroll in a

correspondence course or a distance learning course that is not provided through the Texas Virtual School Network (TxVSN), as described below, in order to earn credit in a course or subject, the student must receive permission from the principal prior to enrolling in the course or subject. If the student does not receive prior approval, the district may not recognize and apply the course or subject toward graduation requirements or subject mastery.

Texas Virtual School Network (TxVSN) (Secondary Grade Levels) The Texas Virtual School Network (TxVSN) has been established by the state as one method of distance learning. A student has the option, with certain limitations, to enroll in a course offered through the TxVSN to earn course credit for graduation. Depending on the TxVSN course in which a student enrolls, the course may be subject to the “no pass, no play” rules. In addition, for a student who enrolls in a TxVSN course for which an end-of-course (EOC) assessment is required, the student must still take the corresponding EOC assessment. If you have questions or wish to make a request that your child be enrolled in a TxVSN course, please contact the school counselor. Unless an exception is made by the principal, a student will not be allowed to enroll in a TxVSN course if the school offers the same or a similar course.

Distinguished Level of Achievement

In order to obtain the distinguished level of achievement under the foundation graduation program, which will be denoted on a student’s transcript and is a requirement to be considered for automatic admission purposes to a Texas four-year college or university, a student must complete an endorsement and take Algebra II as one of the 4 mathematics credits.

English Language Learners’ Services

A student who is an English language learner is entitled to receive specialized services from the district. To determine whether the student qualifies for services, a Language Proficiency Assessment Committee (LPAC) will be formed, which will consist of both district personnel and at least one parent representative. The student’s parent must consent to any services recommended by the LPAC for an English language learner. However, pending the receipt of parental consent or denial of services, an eligible student will receive the services to which the student is entitled and eligible.

In order to determine a student’s level of proficiency in English, the LPAC will use information from a variety of assessments. If the student qualifies for services, and once a level of proficiency has been established, the LPAC will then designate instructional accommodations or additional special programs that the student will require to eventually become proficient at grade level work in English. Ongoing assessments will be conducted to determine a student’s continued eligibility for the program.

The LPAC will also determine whether certain accommodations are necessary for any state-mandated assessments. In limited circumstances, a student’s LPAC may exempt the student from an otherwise required state-mandated assessment or may waive certain graduation requirements related to the English I end-of-course (EOC) assessment. The Texas English Language Proficiency Assessment System (TELPAS) will also be administered to English language learners who qualify for services.

If a student is considered an English language learner and receives special education services because of a qualifying disability, the student’s ARD committee will make instructional and assessment decisions in conjunction with the LPAC.

Gifted & Talented: STRIVE

Students from all ethnic, racial, and socioeconomic groups regardless of existing handicaps or disabilities may demonstrate an exceptional ability in academics or divergent thinking.

Therefore, LHISD has adopted policies and designed programs to address the unique needs of those students identified as gifted and/or talented by a local review committee. Identified gifted and talented students are provided with on-going educational services through the district's gifted/talented program STRIVE (Strengthening Talents, Reasoning, and Intellect through Varied Experiences). In accordance with the Texas Education Code 29.121, LHISD defines "gifted and talented" as a child or youth who performs at or shows the potential for performing at a remarkably high level of accomplishment when compared to others of the same age, experience, or environment and who exhibits high performance capability in an intellectual, creative, or artistic area, possesses an unusual capacity for leadership, or excels in a specific academic field.

It is the goal of LHISD to ensure all such students are provided with a variety of educational experiences which support their individual potential for excellence. Students are served in a pull-out program in Kindergarten through eighth grade, then in advanced courses in high school.

Junior High Courses for High School Credit

LHJH offers the following courses for high school credit:

- Algebra I;
- Spanish I;
- Principles of Business, Marketing & Finance;
- Principles of Arts, Audio/Video Tech & Communications;
- High School Art 1;
- Theater Productions I; and
- Dance I.

Students who take these courses must meet the prerequisites listed in the course description.

Satisfactory completion of high school courses taken prior to high school shall be reflected on the student's academic achievement record, and the student will be awarded state graduation credit.

The grade for courses taken prior to high school will not be averaged in the student's high school grade point average (GPA) or class rank. Students who complete high school credit in mathematics during junior high are expected to continue with higher-level math courses in high school, earning four additional credits.

National Collegiate Athletic Association (NCAA)

NCAA rules require that core courses are academic, four-year college-preparatory courses. Courses taken through distance learning, online, or for credit recovery need to compare in length, content and rigor to courses taught in a traditional classroom. When considering an online, distance learning, correspondence or credit recovery program, there are several things to keep in mind when determining whether such a course may be used for NCAA initial-eligibility purposes:

NCAA Approved: <http://www.utexas.edu/ce/k16/ut-high-school/ncaa/>

The National Collegiate Athletic Association (NCAA) recently increased academic standards for non-traditional schools. The UT Online High School meets these new and rigorous NCAA standards.

TTUISD's online high school courses **do not currently** meet NCAA initial eligibility standards for prospective student athletes. We strongly encourage high school students who are seeking NCAA eligibility to contact the NCAA Eligibility Center at 877-262-1492 before enrolling in any TTUISD online high school courses to discuss any student-specific concerns or special NCAA requirements.

Software-Based Credit Recovery Courses.

If a high school offers software-based credit recovery courses to enable students to receive credit or new grades for courses taken previously, the following conditions should be met:

The credit recovery course **must** be comparable to the regular course. Just as the original course taken by the student should have been rigorous and college preparatory, the credit recovery course must be rigorous and college preparatory. The credit recovery course must meet the NCAA legislated definition of a core course.

NCAA - Juniors

Register with eligibility center – speak to your coach prior.

Make sure you are still on course to meet core course requirements (verify that you have the correct number of core courses).

After your Junior year, have the registrar send a copy of your transcript to the NCAA. If you have attended any other high schools, make sure a transcript is sent to each high school.

Request SAT/ACT test scores be sent to the eligibility center (the code is “9999”). Begin your amateurism questionnaire.

Performance Acknowledgements

Students may earn performance acknowledgements for

- Dual credit (12 hours of college academic courses with a grade of 3.0 or higher on a 4.0 scale)
- Bilingualism and biliteracy (completing all English language arts requirements with an 80 or higher, and a. completing 3 credits in the same language with an 80 or higher, or b. demonstrating proficiency for Level IV or higher with an 80 or higher, or c. scoring a 3 or higher on a College Board Placement exam for a language other than English)
- Outstanding performance on a College Board Advanced Placement test (a 3 or above)
- Outstanding performance on the PSAT/NMSQT (commended scholar), ACT Aspire exam (college readiness benchmark on two of the four subject tests), SAT exam (at least a 410 on reading and 520 on math), ACT exam (composite score of 28 excluding the writing subcore)
- Nationally or internationally recognized business or industry certification or license (contact the campus CTE Coordinator for more information)

Personal Graduation Plan

A personal graduation plan will be developed for each high school student who is subject to the requirements of the foundation graduation program. The district encourages all students to pursue a personal graduation plan that includes the completion of at least one endorsement and to graduate with the distinguished level of achievement. Attainment of the distinguished level of achievement entitles a student to be considered for automatic admission to a public four year college or university in Texas, depending on his or her rank in class. The school will review personal graduation plan options with each student entering grade 9 and his or her parent. Before the end of grade 9, a student and his or her parent will be required to sign off on a personal graduation plan that includes a course of study that promotes college and workforce readiness and career placement and advancement, as well as facilitates the transition from secondary to postsecondary education. The student's personal graduation plan will denote an appropriate course sequence based on the student's choice of endorsement. A student may, with parental permission, amend his or her personal graduation plan after the initial confirmation.

Section 504 Services

Section 504 of the Rehabilitation Act prohibits discrimination and assures that disabled students have educational opportunities and benefits equal to those provided to non-disabled students. Eligible students have, have a record of, or are regarded as having a physical or mental impairment which substantially limits one or more major life activities including functions such as learning, self-care, walking, seeing, hearing, speaking, breathing, working, and performing manual tasks. In order to receive services, even if the students have physical or mental impairment, there must be substantial limitation on a major life activity; i.e., a serious problem requiring accommodation within the school. If a student has or is suspected of having a disability or requires special services, parents, teachers, administrators or any other district employee should contact the campus counselor for information concerning available services.

Special Education Services

Each local school has the responsibility for providing educational and related services to students in the least restrictive environment, and students with disabilities have the opportunity to participate in educational programs and activities with students without disabilities. If a student has or is suspected of having a disability or requires special services, parents, teachers, administrators or any other district employee should contact the building administrator or counselor for information concerning available programs, assessments, and services.

The school district curriculum enables each student with disabilities to acquire knowledge and skills in the basic areas of learning commensurate with the student's needs and abilities. These skills may be attained in the general program of instruction or through special education instruction and related services, as determined by the admission, review, and dismissal (ARD) committee.

Students with disabilities shall have available an instructional day commensurate with that of students without disabilities. The ARD committee shall determine the appropriate instructional setting and length of day for each student, and these shall be specified in the student's individual educational plan (IEP).

Special Programs

The district provides special programs for gifted and talented students, homeless students, bilingual students, migrant students, English language learners, students diagnosed with dyslexia, and students with disabilities. The coordinator of each program can answer questions about eligibility requirements, as well as programs and services offered in the district or by other organizations.

Transcript of Credits and TSI Scores

Many schools and colleges require students to submit a copy of their high school record before entering. If students plan to move to another school district, **students should request the registrar send the transcript** to the new school at the time of withdrawal. If a student plans to attend college, the transcript should be requested early enough for receipt by the required college deadline. Transcripts will be sent only by request. Students under the age of 18, who want their test scores sent to a college, must have a parent signature of approval.

Students will receive their first three transcript requests by LHHS free of charge. All additional transcript requests must be submitted through Parchment for a fee.

Liberty Hill High School Course Descriptions

English Language Arts

ENGLISH I

ID: 3220100

This course covers literary genre; self-expressive, informative, persuasive, and literary composition (description, narration, and exemplification); vocabulary; spelling; parts of speech; sentence analysis; punctuation; capitalization; usage; agreement; library and research skills and reading comprehension. Students will write a variety of one paragraph compositions with improved fluency, form, and correctness; analyze grammatical structure and sentences; recognize standard usage; use basic research skills, understand the major differences between poetry, fiction, drama, and nonfiction and read with improved comprehension.

CREDIT: 1 GRADE, RECOMMENDED: 9

PRE AP ENGLISH I

ID: 3220100 (PA)

This course will go significantly beyond the curriculum of the regular course. This class is an accelerated paced study of literary analysis, language structure, and writing. Students will be exposed to extensive, in- depth reading and analyzing of the classics; they will also be required to enhance their critical thinking skills as they study a variety of writings and cultures. In addition, 3 novels must be read during the summer, and the students will be tested on those novels at the beginning of the school year.

GPA: +5

CREDIT: 1 GRADE, RECOMMENDED: 9

ENGLISH II

ID: 3220200

The course covers literary genre; self-expression, informative, persuasive, and literary composition (process and definition); vocabulary; spelling; parts of speech; sentence analysis; capitalization; punctuation usage; agreement; library and research skills and reading comprehension. Students will write a variety of compositions with progressively improved fluency, form and correctness; analyze grammatical structure of sentences; recognize standard usage; use basic research skills; recognize universal themes in literature and demonstrate progressively sophisticated reading skills. This class is designed to prepare students for the twelfth Grade advanced placement class. It is an accelerated paced study of literacy analysis, language structure, research, and essay writing. There will be extensive reading in the classics.

CREDIT: 1 GRADE, RECOMMENDED: 10

PRE AP ENGLISH II

ID: 3220200 (PA)

This course will go significantly beyond the curriculum of the regular course. Requirements will also include additional in-depth reading, and compositions in addition to regular requirements will exhibit greater depth as well as logical, coherent integration of information and concepts from multiple sources. This class is designed to prepare students for the twelfth grade advanced placement class. It is an accelerated paced study of literacy analysis, language structure, research, and essay writing. There will be extensive reading in the classics. In

addition, 3 novels must be read during the summer, and the students will be tested on those novels at the beginning of the school year.

GPA: + 5

CREDIT: 1 GRADE, RECOMMENDED: 10

ENGLISH III

ID: 3220300

The course is a survey of American literature, covering self-expressive, informative, persuasive, exploratory, and literary composition (classification, comparison/contrast); logic; vocabulary; spelling; review of grammar, usage, and mechanics; library and research skills; test preparation; critical reading skills and characteristics of American English. Students will be able to use the various forms of discourse at a level of some sophistication and complexity; recognize the major authors, periods, forms, and works in American literature; read with improved critical skills; demonstrate greater control of language skills; describe American dialects; demonstrate facility with word analogies, etc.

CREDIT: 1 GRADE, RECOMMENDED: 11

AP ENGLISH III LANGUAGE AND COMPOSITION

ID: A3220100

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

COURSE NOTE: END OF COURSE AP TEST AT STUDENT'S EXPENSE

GPA: + 10

CREDIT: 1 GRADE, RECOMMENDED: 11

ONRAMPS DUAL ENROLLMENT RHETORIC & WRITING (ENG 1301 & 1302)

ID: 3220300/400 (CL)

In this writing intensive course, students will analyze the various positions held in any public debate and learn to advocate their own positions effectively. In the fall, students explore the ethics of argumentation and what it means to “fairly” represent someone with whom they disagree. By the spring, students are ready to analyze and compose arguments about American identity and identity formation, both personal and cultural. The goal is to foster students’ abilities to analyze arguments presented by others and to write sound and effective arguments of their own – abilities that contribute meaningfully to their academic, professional, personal, and civic lives. Students completing the UT course successfully will earn 6 hours college credit. Students completing the high school course successfully will earn English III (or English IV credit only in 2018-2019).

COURSE NOTE: STUDENT BRINGS OWN DEVICE OR CHECKS-OUT CHROMEBOOK

GPA: +10

CREDIT: 1 GRADE: 11 (and 12 only in 2018-2019)

ENGLISH IV

ID: 3220400

This course is a survey of English literature, covering self-expressive, informative, persuasive, exploratory, and literary composition (cause/effect and evaluation); logic; vocabulary; spelling; review of grammar, usage, and mechanics; library and research skills; test preparation; critical reading skills; history of the English language, and independent study. Students will use the various forms of discourse at a level of some sophistication and complexity; recognize the major authors, periods, forms, and works in British literature; demonstrate greater control of language skills; describe history of English language; use reference materials; demonstrate facility with analogies and other forms of vocabulary development.

CREDIT: 1 GRADE, RECOMMENDED: 12

AP ENGLISH IV LITERATURE AND COMPOSITION

ID: A3220200

This course aligns to an introductory college-level literary analysis course. It engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Students are expected to take the AP English Literature and Composition exam upon course completion.

COURSE NOTE: END OF COURSE AP TEST AT STUDENT'S EXPENSE

GPA: + 10

CREDIT: 1 GRADE, RECOMMENDED: 12

ENGLISH IV COLLEGE PREP

ID: CP110100

This is a college preparatory course designed to extend the understanding of English Language Arts IV TEKS and concepts for any student not meeting minimum College & Career Readiness Standards on the STAAR, SAT, ACT, or TSI assessment. The necessary components of grammar, persuasion, and argumentation needed for success in college are reviewed. Application of abstract and analytical thinking skills, advanced vocabulary, and writing skills are stressed. This course is focused on those English Language Arts (ELA) skills necessary to pass the ELA placement tests at colleges, technical schools, and area community colleges. Counselors will identify students and recommend placement in the course.

COURSE NOTE: STUDENTS WHO ARE NOT ABLE TO PARTICIPATE IN THE COURSE WILL RECEIVE TARGETED INSTRUCTION DURING ADVISORY

CREDIT: 1 GRADE: 12

READING I, II, III

ID: 3270700, 800, 900

This course provides instruction in word study, vocabulary, fluency, and comprehension strategies to ensure students have an opportunity to read with competence, confidence, and understanding.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 1 GRADE: 9-12

ESOL I

ID: 3200600

This course teaches all the TEKS for English I and ESOL while providing linguistically accommodated instruction to assist students in mastering the objectives. Emphasis is placed on developing the acquisition of English through listening, speaking, reading and writing. This course is designed for students at the beginner or intermediate proficiency levels. This course meets the state graduation requirement for English.

CREDIT: 1 GRADE: 9-12

PREREQUISITE: LPAC PLACEMENT. COMPOSITE SCORE OF BEGINNER OR INTERMEDIATE ON TELPAS OR IS IN THE FIRST YEAR OF U.S. SCHOOLING

ESOL II

ID: 3200700

This course teaches all the TEKS for English II and ESOL while providing linguistically accommodated instruction to assist students in mastering the objectives. Emphasis is placed on developing the acquisition of English through language/writing, oral and written conventions, reading, and research, listening and speaking. This course is designed for students at the beginning or intermediate proficiency levels. This course meets the state graduation requirement for English II.

CREDIT: 1 GRADE: 9-12

PREREQUISITE: LPAC PLACEMENT. COMPOSITE SCORE OF BEGINNER OR INTERMEDIATE ON TELPAS OR IS IN THE FIRST YEAR OF U.S. SCHOOLING

Mathematics

ALGEBRA I

ID: 3100500

The course covers the language of algebra, operations with real numbers, developing properties, operations with polynomials, factoring, apply factoring techniques to solving polynomial equations, solving word problems, appropriate career emphasis. Students will learn operations with fractions, fractional equations, applying fractions, inequalities, functions, rational and irrational numbers, radical expressions, quadratic functions and equation with appropriate career emphasis. They will utilize vocabulary and skills essential to solving simple word problems; develop skill in algebra comparable to arithmetic operations; develop properties and use to solve equations; compute with polynomials, similar terms; justify steps in proofs; factor and apply techniques to solving polynomial equations. They will reduce fractions and compute; divide polynomials; solve and graph inequalities; describe functions, relations, solve open sentences in two variables to obtain ordered pairs; apply linear functions

to direct variation and proportion; solve systems of equations and inequalities; differentiate between rational and irrational square roots; use the Pythagorean Theorem and solve quadratic equations.

CREDIT: 1 GRADE: 9-12

GEOMETRY

ID: 3100700

The course covers concepts and skills involving measurement. It develops the concept of measurement using measuring instruments, estimate measures and choose appropriate units of measurement. Students will recognize two and three dimensional figures by name and demonstrate an understanding of the properties of plane and solid figures. They will use properties to solve problems. Students will learn to recognize and use parallel and perpendicular lines with associated facts regarding the angles formed, recognize and use key facts about common quadrilaterals, demonstrate an understanding of similarity and similar figures, do constructions via paper folding as well as compass and straightedge, basic coordinate geometry, use Cartesian coordinates, find the midpoint and slope of a line, find the distance between two points, find areas and perimeters, apply the formulas to practical problems involving linear and square units, use the Pythagorean Theorem in applications to right triangles, recognize and use the ratios of sine, cosine, and tangents, recognize and use circles and spheres with related parts such as radius, diameter, arc, chord, tangent, secant and sector, compute the lateral and surface area of common solids, and find the surface area of volume of irregularly shaped figures.

COURSE NOTE: MAY BE TAKEN CONCURRENTLY WITH ALGEBRA II

CREDIT: 1 GRADE: 9-12

PREREQUISITE: ALGEBRA I

PRE AP GEOMETRY

ID: 3100700 (A)

The course develops the foundation of deductive and inductive reasoning experiences, develops form for proofs, develops and provides experiences in using postulates, theorems, definitions related to angles, perpendiculars, parallels, triangles, polygons, quadrilaterals, congruency, similarity, ratio and proportion. It also develops theorems, corollaries for right triangles, three-dimensional figures; presents concepts of trigonometry; develops theorems related to circles, spheres, arcs, chords, tangents; develops and utilizes formulas for areas - plane and solid; develops concepts of logic; provides experiences in basic constructions; presents coordinate geometry, utilizes transformations. Students will use basic vocabulary, symbols, postulates; distinguish between deductive, inductive thinking, do proofs using two-column form; identify angles, perpendicularity, parallel and intersecting lines and planes, skew lines, related postulates, theorems; identify triangles and sum of angles; distinguish between convex and non-convex polygons; prove triangle congruent; identify quadrilaterals and apply related theorems and corollaries; apply inequality relations for triangles; prove triangles similar; use ratio and proportion and divide segments proportionally. Students will also apply theorems of right triangles; apply theorems to space figures; utilize basic trigonometry; apply theorems for circles, spheres, arcs, chords, tangents; find areas of polygons and circles, sectors, find volume, surface area; apply concept of locus;

develop and use coordinate theorems in proofs; use mappings, rotations, transformations and perform basic construction.

COURSE NOTE: MAY BE TAKEN CONCURRENTLY WITH ALGEBRA II

GPA: + 5

CREDIT: 1 GRADE: 9-12

PREREQUISITE: ALGEBRA I

MATH MODELS & APPLICATIONS

ID: 3102400

This course will help students develop a competency in solving consumer problems in investments, consumer decisions, buying food, owning an automobile, life and term insurance, colleges and universities, estimating income and jobs, taxation, banking, consumer credit housing, buying clothing, planning expenditures, leisure time. They will learn about stock investments and returns from buying bonds; how to make decisions wisely by collecting relevant data, studying the data, drawing sound conclusions, become mentally competent in estimating and comparing prices; become aware of all factors involved in purchasing a car; demonstrate how mathematics is related to insurance; survey job market and estimate incomes; evaluate colleges; compute various Types of taxes; become proficient in utilizing a checking account and computing interest; become aware of all factors in home ownership, apartment living, etc.; figure interest and annual percentage, rates of credit; prepare realistic budget and determine best method of travel and paying for a vacation.

COURSE NOTE: MUST BE TAKEN BEFORE ALGEBRA II; COUNSELOR APPROVAL NEEDED. NCAA MAY NOT ACCEPT AS 4TH MATH – CHECK EACH YEAR

CREDIT: 1 GRADE: 9-12

PREREQUISITE: ALGEBRA I

ALGEBRAIC REASONING

ID: 3102540

Students will broaden their knowledge of functions and relationship, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness.

COURSE NOTE: MUST BE TAKEN BEFORE ALGEBRA II; COUNSELOR APPROVAL NEEDED. NCAA MAY NOT ACCEPT AS 4TH MATH – CHECK EACH YEAR

CREDIT: 1 GRADE: 9-12

PREREQUISITE: ALGEBRA I

ALGEBRA II

ID: 3100600

This course covers language and operations of algebra; order properties, axioms of real numbers; linear equations in two variables and solving systems of equations; functions, direct variation, polynomials, synthetic division, exponents, factoring, radicals, irrational and quadratic functions and formula. Students will learn about quadratic relations and systems,

basics of conic sections, exponential and logarithmic functions, sequences, series, permutations, combinations, probability and matrices. They will apply arithmetic operations to algebra; use properties of real numbers; graph and locate ordered pairs; solve systems of linear equations and inequalities; define relations and functions; multiply and divide polynomials; apply laws of exponents; synthetic division; factor polynomials; graph quadratic equations; solve quadratic equations and find decimal representation for rational and irrational numbers. They will learn how to interpret distance formula, slopes of perpendicular lines; write equations for graph quadratics, apply laws of exponents; and find sums of arithmetic and geometric series.

COURSE NOTE: CLASS OF 2018+ REQUIRED FOR DISTINGUISHED PLAN

CREDIT: 1 GRADE: 9-12

PREREQUISITE: ALGEBRA I

PRE AP ALGEBRA II

ID: 3100600 (A)

This course covers language and operations of algebra; order properties, axioms of real numbers; linear equations in two variables and solving systems of equations; functions, direct variation, polynomials, synthetic division, exponents, factoring, radicals, irrational and quadratic functions and formula. Students will learn about quadratic relations and systems, geometric principles of conic sections, exponential and logarithmic functions, sequences, series, binomial expansion, permutations, combinations, probability, matrices, trigonometry and applications. They will apply arithmetic operations to algebra; use properties of real numbers; graph and locate ordered pairs; solve systems of linear equations and inequalities; define relations and functions; multiply and divide polynomials; apply laws of exponents; synthetic division; factor polynomials; graph quadratic equations; solve quadratic equations and find decimal representation for rational and irrational numbers. They will learn how to apply distance formula, slopes of perpendicular lines; write equations for graph quadratics, apply laws of exponents; prove laws of logarithms; find sum of arithmetic and geometric series; apply Binomial Theorem; learn fundamental counting principle; solve problems with permutations and combinations; apply concepts of probability; use matrices, define trigonometric functions and solve identities.

GPA: + 5

CREDIT: 1 GRADE: 9-12

PREREQUISITE: ALGEBRA I

PRECALCULUS

ID: 3101100

In Precalculus, students continue to build on the K-8, Algebra I, Algebra II, and Geometry foundations as they expand their understanding through other mathematical experiences. Students use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Students use functions, equations, and limits as useful tools for expressing generalizations and as means for analyzing and understanding a broad variety of mathematical relationships. Students also use functions as well as symbolic reasoning to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model

physical situations. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to model functions and equations and solve real-life problems.

CREDIT: 1 GRADE: 9-12

PREREQUISITE: ALGEBRA II and GEOMETRY

ONRAMPS DUAL ENROLLMENT PRECALCULUS (MATH 2312)

ID: 31001100 (CL)

In this rigorous course, students will continue to build on the K-8, Algebra I, Algebra II, and Geometry foundations as they expand their understanding through other mathematical experiences. Real numbers and coordinates: the students shall understand the real number line, and use field properties. Functions and graphs: the student shall understand functions, notation, language and graphs. Perform operations on functions, identify decreasing, increasing and periodic functions, and polynomial and rational functions. The student shall use the Division Theorem and Factor Theorem, use synthetic division, use the rational Root Theorem, use Descartes' Rule of Signs and the Upper and Lower Bounds Theorem. Circular functions, their properties and applications: the student shall find angle measurement, identify the wrapping function, and identify periodic function. Trigonometric functions, their properties and applications: the student shall define the trigonometric function, find the value of the trigonometric functions, graph the trigonometric functions, solve right triangle problems, solve general triangles, and solve trigonometric equations. Vectors: the student shall investigate vectors in the plane, use vectors in space and use vectors equations for lines. Sequences and series: the student shall identify arithmetic and geometric sequences and series, find sequences and sums, and use mathematical induction. Second degree relations: the student shall be provided the opportunity to derive the equations for circles, parabolas, ellipses and hyperbolas, graph second degree equations, perform translation and rotation of axes, and use conics in applications. Students completing the UT course successfully will earn 3 hours college credit.

COURSE NOTE: STUDENT BRINGS OWN DEVICE OR CHECKS-OUT CHROMEBOOK

GPA: +10

CREDIT: 1 GRADE: 10-12

PREREQUISITE: ALGEBRA II and GEOMETRY

AP CALCULUS AB

ID: A3100101

This course is equivalent to a first semester college calculus course in differential and integral calculus. Topics include: Limits and Continuity, Derivatives and their applications, and an introduction to Differential Equations. There is an emphasis on conceptual understanding and working with functions represented graphically, numerically, analytically, and verbally. A Graphing Calculator is required (TI-83+, TI-84+, or TI-89). Students are expected to take the AP Calculus AB exam upon course completion.

COURSE NOTE: END OF COURSE AP TEST AT STUDENT'S EXPENSE

GPA: +10

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE, RECOMMENDED: PRECALCULUS

AP CALCULUS BC

ID: A3100102

This course is equivalent to both first and second semester college calculus courses, and includes Calculus AB. Topics include: All AP Calculus AB topics, Euler's Method, Sequences & Series, and Calculus using parametric, Vector, and Polar Equations. There is an emphasis on conceptual understanding and working with functions represented graphically, numerically, analytically, and verbally. A Graphing Calculator is required (TI-83+, TI- 84+, or TI-89). Students are expected to take the AP Calculus BC exam upon course completion.

COURSE NOTE: END OF COURSE AP TEST AT STUDENT'S EXPENSE

GPA: +10

CREDIT: 2 GRADE, RECOMMENDED: 11-12

PREREQUISITE, RECOMMENDED: PRECALCULUS

ADVANCED QUANTITATIVE REASONING (AQR)

ID: 3102510

Advanced Quantitative Reasoning is a mathematics course that follows Algebra I, Geometry, and Algebra II. It builds on, reinforces, and extends what you have learned in these courses, and it covers a range of interesting topics, many of which have not been part of high school mathematics courses -- such as statistics in the media, managing data, network graphs, and understanding credit, debt, and investments.

CREDIT: 1 GRADE: 9-12

PREREQUISITE: ALGEBRA II and GEOMETRY

STATISTICS AND BUSINESS DECISION MAKING (CTE)

ID: 31016900

Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE: ALGEBRA II

AP STATISTICS

ID: A3100200

This course is equivalent to a one-semester, introductory, non-calculus-based college course. It introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Four broad themes are: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students are expected to take the AP Statistics exam upon completion of the course.

COURSE NOTE: END OF COURSE AP TEST AT STUDENT'S EXPENSE

GPA: +10

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE, RECOMMENDED: ALGEBRA II and GEOMETRY

COLLEGE PREP MATH

ID: CP111200

This is a college preparatory course designed to extend the understanding of mathematics skills and concepts for any student not meeting minimum College & Career Readiness Standards on the STAAR, SAT, ACT, or TSI assessment. Counselors will identify students and recommend placement in the course.

COURSE NOTE: STUDENTS WHO ARE NOT ABLE TO PARTICIPATE IN THE COURSE WILL RECEIVE TARGETED INSTRUCTION DURING ADVISORY

COURSE NOTE: NCAA MAY NOT ACCEPT AS 4TH MATH – CHECK EACH YEAR

CREDIT: 1 GRADE: 12

RECOMMENDED PREREQUISITE: GEOMETRY

Science

BIOLOGY I

ID: 3010200

Investigation of the structure and function of cells. Microscope techniques, mitosis, replication of cells, and basic concepts of inheritance. Exploratory activities of plants and animals. Includes the organization and the progressive complexity of organisms, their means of locomotion, reproduction, digestion, and circulation. Develop an understanding of function and structures of cells; demonstrate the proper use and care of the microscope; analyze the various theories of evolution and variation. Demonstrate the understanding of the morphology, physiology, and taxonomy of representative forms of plants and animal life.

CREDIT: 1 GRADE, RECOMMENDED: 9-11

PRE AP BIOLOGY

ID: 3010200 (A)

This course is designed to meet the needs of students that are interested in pursuing science related fields in college. The course work covered is basically the same as in regular Biology 1 except that it is faster paced, covered at a greater depth and more extensive labs are conducted. Students may be required to come in outside of class time to complete labs that were started during class. A research project may be required.

GPA: +5

CREDIT: 1 GRADE, RECOMMENDED: 9-11

INTEGRATED PHYSICS/CHEMISTRY (IPC)

ID: 3060201

An introduction to laboratory procedures and measurements. Topics include the metric systems, forces, motions, and forms of energy. Deals with the basic concepts of heat, light, sound, electricity and magnetism. Synthesize skills of observation, experimentation, and

making inferences; analyze the different Types of energy and their uses; develop an understanding of forces and motion.

COURSE NOTE: STUDENTS MUST TAKE A CHEMISTRY OR PHYSICS COURSE IN GRADE 11 or 12; IPC CANNOT BE A SCIENCE CREDIT FOR STUDENTS ON THE DISTINGUISHED GRADUATION PLAN

CREDIT: 1 GRADE, RECOMMENDED: 9-10

CHEMISTRY

ID: 3040000

Chemistry class is designed to teach the basic principles, laws, concepts and techniques of chemistry using low levels of math. Concepts as well as applications are stressed. Problem solving skills are strongly emphasized. Labs are used to reinforce topics and to introduce students to the scientific method. Topics include scientific measurement, atomic structure, the mole concept, stoichiometry, nomenclature, chemical equations, gas laws, liquid and solid behavior, chemical bonding, molecular and ionic structure, acid/base chemistry, organic chemistry and redox chemistry.

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE: ONE UNIT OF HIGH SCHOOL SCIENCE and ALGEBRA I

PRE AP CHEMISTRY

ID: 3040000 (PA)

This course is designed to prepare college bound students for subsequent advanced classes in mathematics and science. This is a fast paced and demanding course tailored for juniors and seniors in honors track classes. This course covers the same topics as regular Chemistry, but to a greater depth. Concepts as well as applications are stressed. In particular, problem-solving skills are highly emphasized. Labs are used to reinforce topics and to introduce students to the scientific method. Topics include stoichiometry, nomenclature, chemical equations, gas laws, liquid and solid behavior, chemical bonding, molecular and ionic structure, acid/base chemistry, and organic chemistry and redox chemistry. Special emphasis is placed on integrating technology with scientific investigation. Integration with Algebra II is also stressed.

GPA: +5

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE: ONE UNIT OF HIGH SCHOOL SCIENCE and ALGEBRA I

PHYSICS

ID: 3050000

An introduction to the basic principles of Physics. This course is recommended for students who want to learn about matter and energy, and their impact on our lives, but who do not intend to take more Physics or Engineering courses in college. Students enrolling in this course should have at least 2 prior High School science courses and should have completed Algebra 2. Strong students who are concurrently enrolled in Algebra 2 will be allowed on a case-by-case basis. This course will have a certain amount of math, but will not be focused on difficult problem solving. There will be a lot of lab work and students must have good lab skills.

CREDIT: 1 GRADE: 9-12

PREREQUISITE, RECOMMENDED: ALGEBRA I

AP PHYSICS I

ID: A3050003

This is an algebra-based, first-semester college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound. No prior course work in physics is necessary. Students are expected to take the AP Physics I exam upon completion of the course.

COURSE NOTE: THIS COURSE MAY NOT BE OFFERED EVERY YEAR; END OF COURSE AP TEST AT STUDENT'S OWN EXPENSE

GPA: +10

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE, RECOMMENDED: ALGEBRA I and GEOMETRY

AP BIOLOGY

ID: A3010200

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. Students cultivate their understanding of biology through inquiry-based investigations. This course differs significantly from the first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the type of laboratory work done by students, and the time and effort required of students. Students are expected to take the AP Biology exam upon completion of the course.

COURSE NOTE: THIS COURSE MAY NOT BE OFFERED EVERY YEAR; END OF COURSE AP TEST AT STUDENT'S OWN EXPENSE

GPA: +10

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE, RECOMMENDED: BIOLOGY and CHEMISTRY

AP CHEMISTRY

ID: A3040000

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students in this course should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. This college course differs qualitatively from the first high school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated, the time spent on the course by students, and the nature and the variety of experiments done in the laboratory. Students are expected to take the AP Chemistry exam upon completion of the course.

COURSE NOTE: END OF COURSE AP TEST AT STUDENT'S OWN EXPENSE

GPA: +10

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE, RECOMMENDED: CHEMISTRY and ALGEBRA II

ENVIRONMENTAL SYSTEMS (SRD, CTE)

ID: 13037200

This is an upper level science course. In Environmental Systems, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environments. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions.

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE, RECOMMENDED: ONE UNIT OF HSLIFE SCIENCE and ONE UNIT OF HS PHYSICAL SCIENCE

FORENSIC SCIENCE (CTE)

ID: 13029500

This is an upper level science course. Forensic Science uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students learn terminology, investigative procedures, and scientific procedures used to solve crimes.

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE: BIOLOGY and CHEMISTRY; RECOMMENDED: PRINCIPLES OF LAW ENFORCEMENT

AP ENVIRONMENTAL SCIENCE

ID: A3020000

This course is designed to be the equivalent of a one-semester college introductory course. Students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. It is a multidisciplinary course embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Students are expected to take the AP Environmental Science exam upon completion of the course.

COURSE NOTE: END OF COURSE AP TEST AT STUDENT'S OWN EXPENSE

GPA: +10

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE, RECOMMENDED: ALGEBRA I, ONE UNIT OF HSLIFE SCIENCE, and ONE UNIT OF HS PHYSICAL SCIENCE

ADVANCED ANIMAL SCIENCE (CTE)

ID: 13000700

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

COURSE NOTE: MAY BE UTILIZED AS 4TH SCIENCE CREDIT

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE: PRIN OF AG AND SMALL ANIMAL MGMT, BIOLOGY AND CHEMISTRY or IPC, ALGEBRA I, GEOMETRY, SMALL ANIMAL or LIVESTOCK; RECOMMENDED: VETERINARY MEDICAL APPLICATIONS

ANATOMY AND PHYSIOLOGY (CTE)

ID: 13020600

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

COURSE NOTE: MAY BE UTILIZED AS 4TH SCIENCE CREDIT

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE: BIOLOGY and ONE HS SCIENCE CREDIT; RECOMMENDED: PRINCIPLES OF HEALTH SCIENCE

Social Studies

WORLD GEOGRAPHY

ID: 3320100

World Geography is a course designed to refine research and analysis skills. Students will study the -- nature of geography: physical and cultural geography, terminology, tools and methodologies. Physical settings of the earth: major land forms, physical forces, physical setting of selected regions, major natural resources, nations and regions. Interaction of physical environment; impact of environment, economic activities of a region, population patterns, interchange among regions and countries, energy sources, agriculture base of regions. Urban analysis: site and situation of cities, functions of the city, patterns of urban growth, and environmental issues.

CREDIT: 1 GRADE: 9-12

WORLD HISTORY

ID: 3340400

Civilizations, Ancient and Medieval. The spread and development of world civilization. The development of nations; the age of discovery; struggle for power; democratic revolutions; and movements of social protest. The emergence of new nations. Develop fundamental skills in reading, listening, speaking, and writing; recognize the interdependence of the world and its groups; become aware that other disciplines are involved in the writing and understanding of history.

COURSE NOTE: STUDENTS WHO PLAN TO TAKE AP WORLD HISTORY SHOULD NOT ENROLL IN THIS COURSE

CREDIT: 1 GRADE: 9-12

AP WORLD HISTORY

ID: A3370100

This course is the equivalent of a two-semester introductory college course. Students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians. The course provides five themes that students explore to make connections among historical developments in different times and places. Reading requirements include text written on the college level, as well as research of historical journal articles. Students are expected to take the AP World History exam upon completion of the course.

COURSE NOTE: STUDENTS MAY NOT COMPLETE THIS COURSE IN ADDITION TO “REGULAR” WORLD HISTORY; END OF COURSE AP TEST AT STUDENT’S OWN EXPENSE

GPA: +10

CREDIT: 1 GRADE: 9-12

U.S. HISTORY

ID: 3340100

In this course, which is the second part of a two-year study of U.S. history that begins in Grade 8, students study the history of the United States since Reconstruction to the present. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies of the Cold War and post-Cold War eras, and reform movements including civil rights. Students examine the impact of geographic factors on major events and analyze causes and effects of the Great Depression. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic process. Students describe the relationship between the arts and the times during which they were created. Students analyze the impact of technological innovations on the American labor movement. Students use critical-thinking skills to explain and apply different methods that historians use to interpret the past, including points of view and historical context.

COURSE NOTE: STUDENTS WHO PLAN TO TAKE AP US HISTORY SHOULD NOT ENROLL IN THIS COURSE

CREDIT: 1 GRADE, RECOMMENDED: 11-12

ONRAMPS DUAL ENROLLMENT US HISTORY (HIST 1301 & 1302)

ID: 33400100 (CL)

In these two sequential first-year college American history courses, students study significant themes in US history to uncover the range and depth of the American story. Using lectures, primary and secondary readings, videos, maps, and other graphics, students work both independently and collaboratively to develop the critical thinking skills to evaluate the historical record. The first semester surveys from the colonial beginnings through the Civil War, and the second semester surveys from the post-Civil War era to the end of the 20th century. Students completing the UT course successfully will earn 6 hours college credit.

COURSE NOTE: STUDENTS MAY NOT COMPLETE THIS COURSE IN ADDITION TO “REGULAR” US HISTORY; STUDENT BRINGS OWN DEVICE OR CHECKS-OUT CHROMEBOOK

GPA: +10

CREDIT: 1 GRADE: 11-12

PREREQUISITE: WORLD HISTORY or WORLD GEOGRAPHY and ENGLISH II

ECONOMICS

ID: 3310300

Study of American free enterprise system, private ownership, production and distribution of goods, free markets, allocation of nation’s resources. Demonstrate private decision-making in the investment process, the profit motive, competitive roles of business, labor, government, and individuals in the American free enterprise system.

CREDIT: 0.5 GRADE, RECOMMENDED: 12

PREREQUISITE: US HISTORY

DUAL CREDIT ECONOMICS

ID: 3310300 (ECO)

Deals with consumers as a whole, producers as a whole, the effects of government spending and taxation, and the monetary policy of the Federal Reserve. Macroeconomics is concerned with unemployment, inflation and the business cycle. (ECON 2301)

COURSE NOTE: COUNSELOR APPROVAL REQUIRED; MUST MEET TSI REQUIREMENTS; STUDENT REQUIRED TO PURCHASE TEXTBOOK(S); OUT OF DISTRICT STUDENTS MAY BE SUBJECT TO FULL TUITION COURSE FEES

GPA: + 10

CREDIT: 0.5 GRADE, RECOMMENDED: 12

PREREQUISITE: US HISTORY

GOVERNMENT

ID: 3330100

Basic concepts of government; origins of the U. S. Constitution; Texas and local governments; political parties; interest groups; policy areas in America; functions and powers of the legislative branch. Functions and powers of the executive and judicial branches; civil liberties and civil rights as well as responsibilities of citizens. Explain the basics of the Constitution,

state and local roles in the federal system, U. S. foreign policy procedures, current government ideologies, functions and powers of the legislative branch. Explain the powers and functions of the executive and judicial branches, civil rights and responsibilities of citizens, the U. S. federal system and the Constitution, the expanding role of the U. S. in government.

CREDIT: 0.5 GRADE, RECOMMENDED: 12

PREREQUISITE: US HISTORY

DUAL CREDIT GOVERNMENT

ID: 3330100 (GOV)

This course is an introduction to United States national government. The course includes a framework for understanding United States government and politics and the constitutional basis for the processes, the Institutions, and the policies of United States government and politics. (GOVT 2305)

COURSE NOTE: COUNSELOR APPROVAL REQUIRED; MUST MEET TSI REQUIREMENTS; STUDENT REQUIRED TO PURCHASE TEXTBOOK(S); OUT OF DISTRICT STUDENTS MAY BE SUBJECT TO FULL TUITION COURSE FEES

GPA: + 10

CREDIT: 0.5 GRADE, RECOMMENDED: 12

PREREQUISITE: US HISTORY

PSYCHOLOGY

ID: 3350100

In this course students consider the development of the individual and the personality. The study of psychology is based on an historical framework and relies on effective collection and analysis of data. Students study topics such as theories of human development, personality, motivation, and learning.

CREDIT: 0.5 GRADE, RECOMMENDED: 11-12

SOCIOLOGY

ID: 3370100

Students study dynamics and models of individual and group relationships. Students study topics such as the history and systems of sociology, cultural and social norms, social institutions, and mass communication.

CREDIT: 0.5 GRADE, RECOMMENDED: 11-12

PERSONAL FINANCIAL LITERACY

ID: 03380082

Students will gain the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. The course will teach students to apply critical-thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and postsecondary education and training.

CREDIT: 0.5 GRADE, RECOMMENDED: 10-12

Career and Technical Education – Business & Industry

Animal Science

PRINCIPLES OF AGRICULTURE, FOOD, & NATURAL RESOURCES ID: 13000200

This course will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. To prepare for success, students need opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

CREDIT: 1 GRADE: 9-12

SMALL ANIMAL MANAGEMENT ID: 13000400

In this course, students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings.

CREDIT: 0.5 GRADE, RECOMMENDED: 10-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF AGRICULTURE, FOOD, & NATURAL RESOURCES

PROFESSIONAL STANDARDS IN AGRIBUSINESS ID: 13000800

This course primarily focuses on leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness. To prepare for careers in agribusiness systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to leadership development and the workplace, and develop knowledge and skills regarding agricultural career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

COURSE NOTE: FULFILLS PROFESSIONAL COMMUNICATIONS GRADUATION REQUIREMENT; COURSE MAY NOT BE OFFERED EVERY YEAR

CREDIT: 0.5 GRADE, RECOMMENDED: 10-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF AGRICULTURE, FOOD, & NATURAL RESOURCES

WILDLIFE, FISHERIES, & ECOLOGY MANAGEMENT ID: 13001500

This course examines the management of game and non-game wildlife species, fish, and aquacrops and their ecological needs as related to current agricultural practices. To prepare for careers in natural resource systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

COURSE NOTE: STUDENTS MAY EARN HUNTER AND BOATING SAFETY CERTIFICATION; COURSE MAY NOT BE OFFERED EVERY YEAR

CREDIT: 1 GRADE: 9-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF AGRICULTURE, FOOD, & NATURAL RESOURCES

VETERINARY MEDICAL APPLICATIONS

ID: 13000600

This course covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings.

COURSE NOTE: STUDENTS MAY EARN THE VETERINARY ASSISTANT INDUSTRY CERTIFICATION

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE: SMALL ANIMAL MGMT or LIVESTOCK

ADVANCED ANIMAL SCIENCE

ID: 13000700

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

COURSE NOTE: MAY BE UTILIZED AS 4TH SCIENCE CREDIT

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE: PRIN OF AG AND SMALL ANIMAL MGMT, BIOLOGY AND CHEMISTRY or IPC, ALGEBRA I, GEOMETRY, SMALL ANIMAL or LIVESTOCK; RECOMMENDED: VETERINARY MEDICAL APPLICATIONS

Business Management & Marketing

PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

ID: 13011200

In this course, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

CREDIT: 1 GRADE: 9-12

BUSINESS INFORMATION MANAGEMENT I

ID: 13011400

In this course, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software. (Focus on Microsoft Office applications.)

COURSE NOTE: STUDENTS MAY EARN MICROSOFT OFFICE INDUSTRY CERTIFICATIONS

CREDIT: 1 GRADE: 9-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

BUSINESS MANAGEMENT

ID: 13012100

This course is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.

CREDIT: 1 GRADE. RECOMMENDED: 10-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

ADVERTISING

ID: 13034200

This course is designed as a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, cultural, ethical, and legal issues of advertising, historical influences, strategies, media decision processes as well as integrated marketing communications, and careers in advertising and sales promotion. The course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge.

COURSE NOTE: TYPICALLY TAKEN W/SPORTS MARKETING

CREDIT: 0.5 GRADE: 9-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE.

SPORTS and ENTERTAINMENT MARKETING

ID: 13034600

This course will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

COURSE NOTE: TYPICALLY TAKEN W/ADVERTISING SALES

CREDIT: 0.5 GRADE: 9-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

Finance

PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

ID: 13011200

In this course, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

CREDIT: 1 GRADE: 9-12

MONEY MATTERS

ID: 13016200

In this course, students will investigate money management from a personal financial perspective. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to establish short-term and long-term financial goals. Students will examine various methods of achieving short-term and long-term financial goals through various methods such as investing, tax planning, asset allocating, risk management, retirement planning, and estate planning.

CREDIT: 1 GRADE: 9-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

ACCOUNTING I

ID: 13016600

In this course, 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 reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students will formulate and interpret financial information for use in management decision making.

CREDIT: 1 GRADE: 10-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

ACCOUNTING II

ID: 13016700

In this course, 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 actors. Students will reflect on this knowledge as they engage in various managerial, financial, and operational accounting activities. Students will formulate, interpret, and communicate financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.

COURSE NOTE: MAY BE UTILIZED AS 4TH MATH CREDIT; STUDENTS MAY EARN THE QUICKBOOKS INDUSTRY CERTIFICATION

CREDIT: 1 GRADE: 11-12

PREREQUISITE: ACCOUNTING I

Career Preparation

CAREER PREPARATION I

ID: 12701300

This course provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 2 GRADE: 11-12

CAREER PREPARATION II

ID: 12701400

This course develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 2 GRADE: 12

Culinary Arts

PRINCIPLES OF HOSPITALITY AND TOURISM

ID: 13022200

This course introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success in that industry.

CREDIT: 1 GRADE: 9-12

INTRODUCTION to CULINARY ARTS

ID: 13022550

Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.

CREDIT: 1 GRADE, RECOMMENDED: 9-10

PREREQUISITE, RECOMMENDED: PRINCIPLES OF HOSPITALITY AND TOURISM

CULINARY ARTS

ID: 13022600

This course 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 certifications. This course is offered as a laboratory-based course.

COURSE NOTE: STUDENTS MAY EARN THE NATIONAL RESTAURANT ASSOC. SERV-SAFE INDUSTRY CERTIFICATION

CREDIT: 2 GRADE, RECOMMENDED: 10-12

PREREQUISITE, RECOMMENDED: INTRODUCTION to CULINARY ARTS

PRACTICUM IN CULINARY ARTS

ID: 13022700

This course will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment.

COURSE NOTE: STUDENTS MAY EARN THE NATIONAL RESTAURANT ASSOC. RESTAURANT MANAGER CERTIFICATION

CREDIT: 2 GRADE, RECOMMENDED: 11-12

PREREQUISITE: CULINARY ARTS

Digital Media

PRINCIPLES OF ARTS, AV/TECH & COMMUNICATION

ID: 13008200

Careers in the Arts, Audio/Video Technology, and Communications Career Cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

CREDIT: 1 GRADE, RECOMMENDED: 9

DIGITAL MEDIA

ID: 13027800

This course develops proficiencies in designing, importing, and manipulating advanced text, graphics, audio, and video used in presentation management, multimedia productions, publishing systems, and emerging technologies. Students will use Adobe Creative Suite including Photoshop.

CREDIT: 1 GRADE: 9-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF ARTS, AV/TECH & COMMUNICATION

WEB TECHNOLOGIES

ID: 13027900

In this course, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment.

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE, RECOMMENDED: DIGITAL MEDIA

ANIMATION I

ID: 13008300

Careers in animation span all aspects of motion graphics. 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 history and techniques of the animation industry.

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE, RECOMMENDED: DIGITAL MEDIA and ART I

ANIMATION II

ID: 13008400

Careers in animation span all aspects of motion graphics. Within this context, in addition to continuing to develop technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increased understanding of the history and techniques of the animation industry.

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE: ANIMATION I

Engineering

PRINCIPLES OF APPLIED ENGINEERING

ID: 13036200

This course 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 have an understanding of the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

CREDIT: 1 GRADE, RECOMMENDED: 9-10

ENGINEERING DESIGN AND PRESENTATION I

ID: 13036500

In this course, students will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas. Beginning 2019-2020.

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE: ALGEBRA I; RECOMMENDED: PRINCIPLES OF APPLIED ENGINEERING

ENGINEERING DESIGN AND PRESENTATION II

ID: 13036600

In this course, students will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Emphasis will be placed on using skills from ideation through prototyping. Beginning in 2020-2021.

CREDIT: 2 GRADE, RECOMMENDED: 11-12

PREREQUISITE: GEOMETRY; RECOMMENDED: ENGINEERING DESIGN AND PRESENTATION I

ROBOTICS I

ID: 13037000

In this course, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

CREDIT: 1 GRADE, RECOMMENDED: 9-10

PREREQUISITE, RECOMMENDED: PRINCIPLES OF APPLIED ENGINEERING

ROBOTICS II

ID: 13037050

In this course, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

COURSE NOTE: MAY BE UTILIZED AS 4TH MATH CREDIT.

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE: ROBOTICS I

Career & Technical Education – Public Service

Education

PRINCIPLES OF EDUCATION & TRAINING

ID: 13014200

This course is designed introduce learners to the various careers available in education and training. Students use self-knowledge as well as educational and career information to analyze various careers.

CREDIT: 1 GRADE, RECOMMENDED: 9-10

HUMAN GROWTH & DEVELOPMENT

ID: 13014300

This course is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester course in developmental psychology or human development. Begins in 2019-2020.

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF EDUCATION & TRAINING

FAMILY & COMMUNITY SERVICES

ID: 13024900

This course is a laboratory-based course designed to involve students in realistic and meaningful community-based activities through direct service or service-learning experiences. Students are provided opportunities to interact with and provide services to individuals, families, and the community through community or volunteer service. Emphasis is placed on

developing and enhancing organizational and leadership skills and characteristics. Begins in 2019-2020.

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF EDUCATION & TRAINING

INSTRUCTIONAL PRACTICES

ID: 13014400

This course is a field-based (practicum) internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel. Begins in 2020-2021.

CREDIT: 2 GRADE, RECOMMENDED: 11-12

PREREQUISITES: PRINCIPLES OF EDUCATION & TRAINING and HUMAN GROWTH & DEVELOPMENT

Health Science

PRINCIPLES OF HEALTH SCIENCE

ID: 13020200

This course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

CREDIT: 1 GRADE, RECOMMENDED: 9-10

MEDICAL TERMINOLOGY

ID: 13020300

This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

CREDIT: 1 GRADE: 9-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF HEALTH SCIENCE

HEALTH SCIENCE THEORY

ID: 13020400

This course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

COURSE NOTE: FULFILLS HEALTH REQUIREMENT FOR GRADUATION IF PURSUING HEALTH SCIENCE ENDORSEMENT. STUDENT RECEIVES BLS (BASIC LIFE SUPPORT) CERTIFICATION.

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF HEALTH SCIENCE and BIOLOGY

HEALTH SCIENCE PRACTICUM

ID: 13020500

This course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. Health Science Clinical is designed to provide students an extended opportunity to acquire knowledge and skills that meet entry requirements and industry expectations. Industry certification in CNA or Pharmacy Tech are available only through this course.

COURSE NOTE: STUDENTS MAY EARN THE NURSE AIDE OR PHARMACY TECHNICIAN INDUSTRY CERTIFICATION.

CREDIT: 2 GRADE, RECOMMENDED: 11-12

PREREQUISITE: PRINCIPLES OF HEALTH SCIENCE, HEALTH SCIENCE THEORY, and BIOLOGY

ANATOMY AND PHYSIOLOGY (CTE)

ID: 13020600

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

COURSE NOTE: MAY BE UTILIZED AS 4TH SCIENCE CREDIT

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE: BIOLOGY and ONE HS SCIENCE CREDIT; RECOMMENDED: PRINCIPLES OF HEALTH SCIENCE

LIFETIME NUTRITION & WELLNESS (CTE)

ID: 13024500

This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness, as well as pursue related careers (hospitality, education, human services, and health sciences). This course will include instruction in first aid and CPR.

COURSE NOTE: HEALTH EDUCATION or HEALTH SCIENCE THEORY MAY BE USED TO SATISFY THIS CREDIT; TYPICALLY PAIRED WITH PROFESSIONAL COMMUNICATIONS (SPEECH)

CREDIT: 0.5 GRADE: 9-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF HEALTH SCIENCE or
PRINCIPLES OF HOSPITALITY

Law Enforcement

PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY ID: 13029200

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. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections.

CREDIT: 1 GRADE: 9-12

LAW ENFORCEMENT I

ID: 13029300

This course 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.

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE: PRINCIPLES OF LAW

LAW ENFORCEMENT II

ID: 13029400

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.

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE, RECOMMENDED: LAW ENFORCEMENT I

FORENSIC SCIENCE (CTE)

ID: 13029500

This is an upper level science course. Forensic Science uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students learn terminology, investigative procedures, and scientific procedures used to solve crimes.

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE: BIOLOGY and CHEMISTRY; RECOMMENDED: PRINCIPLES OF
LAW ENFORCEMENT

Welding

PRINCIPLES OF AGRICULTURE, FOOD, & NATURAL RESOURCES ID: 13000200

This course will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. To prepare for success, students need opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

CREDIT: 1 GRADE: 9-12

AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES ID: 13002200

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. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings.

CREDIT: 1 GRADE, RECOMMENDED: 10-12

PREREQUISITE, RECOMMENDED: PRINCIPLES OF AG

AGRICULTURAL EQUIPMENT DESIGN AND FABRICATION ID: 13002350

In this course, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural equipment design and fabrication. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

COURSE NOTE: STUDENTS MAY EARN THE AWS WELDING INDUSTRY CERTIFICATION

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE, RECOMMENDED: AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES

PRACTICUM IN AGRICULTURE, FOOD, & NATURAL RESOURCES

ID: 13002500

In this course, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural equipment design and fabrication. To prepare for success, students reinforce, apply, and transfer their academic

knowledge and technical skills in a variety of settings. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings.

COURSE NOTE: STUDENTS MAY EARN THE AWS WELDING INDUSTRY CERTIFICATION.

CREDIT: 2 GRADE, RECOMMENDED: 11-12

PREREQUISITE, RECOMMENDED: AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES

Other CTE Electives

PROFESSIONAL COMMUNICATIONS (Speech, CTE)

ID: 13009900

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

COURSE NOTE: TYPICALLY PAIRED WITH HEALTH EDUCATION, REQUIRED FOR GRADUATION

CREDIT: 0.5 GRADE: 9-12

FASHION DESIGN II

ID: 13009400

Careers in fashion span all aspects of the textile and apparel industries. 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 continue developing an understanding of the fashion industry with an increased emphasis on design and construction.

CREDIT: 1 GRADE: 10-12

PREREQUISITE: FASHION DESIGN I

Fine Arts

ART I

ID: 03500100

A general introductory course providing students with a good working knowledge of the elements of art and principles of design. Various artists and styles throughout history will be covered. Projects will include work with pencil, paper collage, tempera, papier mache, printing, and others. Heavy emphasis on imagination and effort. This course is a prerequisite for all other art classes.

CREDIT: 1 GRADE: 9-12

ART II / DRAWING I

ID: 03500500

This is an advanced drawing class. Students will need to keep a sketch book and have drawings due every week. Students are required to buy their own pencils and erasers. Heavy emphasis will be on practicing and improving drawing skills. Work will include pencil, charcoal, pastel, ink and others.

CREDIT: 1 GRADE: 9-12

PREREQUISITE: ART I

ART III/DRAWING II

ID: 035001300

Students solve complex visual problems through planning and executing a variety of drawings for their portfolio. Refining previously learned skills and concepts, they increase their aesthetic and cultural awareness. COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 1 GRADE: 10-12

PREREQUISITE: ART II/DRAWING I

ART IV/DRAWING III

ID: 035002300

Students solve complex visual problems through planning and executing a variety of drawings for their portfolio. Refining previously learned skills and concepts, they increase their aesthetic and cultural awareness. COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 1 GRADE: 11-12

PREREQUISITE: ART II/DRAWING II

ART II / CERAMICS I

ID: 03500900

Course will cover pinch, coil and slab building techniques. Students will explore clay both as a sculpting medium and as pottery. Wheels are available. Glazing, decoration, and firing techniques will be covered. A clay fee will be charged at teacher's discretion.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 1 GRADE: 9-12

PREREQUISITE: ART I

ART III / CERAMICS II

ID: 035001800

Students rely on their perceptions of the environment, developed through increasing visual awareness and sensitivity to surroundings, memory, imagination, and life experiences, as a source for creating artworks. They express their thoughts and ideas creatively, while challenging their imagination, fostering reflective thinking, and developing disciplined effort and problem-solving skills.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 1 GRADE: 10-12

PREREQUISITE: ART II/CERAMICS I

ART IV / CERAMICS III

ID: 035002700

Students rely on their perceptions of the environment, developed through increasing visual awareness and sensitivity to surroundings, memory, imagination, and life experiences, as a source for creating artworks. They express their thoughts and ideas creatively, while challenging their imagination, fostering reflective thinking, and developing disciplined effort and problem-solving skills.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 1 GRADE: 11-12

PREREQUISITE: ART II/CERAMICS II

BAND I, II, III, IV

ID: PES00012 and 03150100, 200, 300, 400

Emphasis placed on holding the instrument, caring for the instrument, tone production and music reading. Emphasis on tone production, breath support, more difficult rhythms, and the development of articulations where applied.

COURSE NOTE: FALL MARCHING BAND = 0.5 CREDIT PE, SPRING CONCERT BAND = 0.5 CREDIT FINE ARTS

CREDIT: 1 GRADE: 9-12

CHOIR I, II, III, IV

ID: 03150900, 1000, 1100, 1200

This full-year course continues the development of singing – performance technique, music reading skills, listening skills, music theory knowledge and music history exposure previously developed in middle school choir. Students enrolled in Choir 1 will develop greater self-discipline, problem-solving skills, leadership skills, time-management skills and continually work with peers as part of a musical performance team. Students will be placed into a particular choir class or section based upon ability demonstrated by audition. All students enrolled in Choir 1 – regardless of the particular choir class – are required to participate in curricular events and will be asked to participate in some outside-of-the-school-day extra-curricular events.

COURSE NOTE: STUDENTS WILL BE EXPECTED TO PROVIDE SUPPLIES AND THERE ARE CERTAIN FEES CONNECTED TO THE COURSE

CREDIT: 1 GRADE: 9-12

AP MUSIC THEORY

ID: A3150200

This course is the equivalent of one or two semesters of an introductory college course. It introduces musicianship, theory, musical materials and procedures. Students learn integration of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, history and style while preparing for the AP Music Theory exam. Students are expected to take the AP Music Theory exam upon course completion.

COURSE NOTE: END OF COURSE AP TEST AT STUDENT'S OWN EXPENSE

GPA: +10

CREDIT: 1 GRADE, RECOMMENDED: 11-12

PREREQUISITE, RECOMMENDED: PREVIOUS EXPERIENCE IN BAND, CHOIR, OR PRIVATE MUSIC LESSONS

DANCE I AND II

ID: 03830100, 200

This course is an introduction to all basic dance techniques (tap, ballet, jazz, modern, contemporary and world dance) including vocabulary and principles of all dance forms.

COURSE NOTE: STUDENTS RECEIVE FINE ARTS CREDIT FOR THIS CLASS

CREDIT: 1 GRADE: 9-12

DRILL TEAM I – BELLES

ID: PES00014

Students utilize a variety of dance forms in a highly visible and competitive organization. Course involves extensive rehearsals and performances outside the school day. Students must try out for this class.

COURSE NOTE: APPROVAL REQUIRED FROM INSTRUCTOR, STUDENTS RECEIVE PE CREDIT FOR THIS CLASS

CREDIT: 1 GRADE: 9-12

DRILL TEAM II, III, IV – BELLES

ID: 03830200, 300, 400

Students utilize a variety of dance forms in a highly visible and competitive organization. Course involves extensive rehearsals and performances outside the school day. Students must try out for this class.

COURSE NOTE: APPROVAL REQUIRED FROM INSTRUCTOR. STUDENTS RECEIVE FINE ARTS CREDIT FOR THIS CLASS

CREDIT: 1 GRADE: 10-12

PREREQUISITE: DRILL TEAM I – BELLES

THEATRE ARTS I

ID: 03250100

Expressive use of body and voice; relaxation, pantomime, stage movement, voice and diction. Acting concepts and skills; improvisation, analyze and interpret scripts and characters. Theater production concepts and skills; theatrical elements and technical theater. Aesthetic growth through appreciation; develop an appreciation of theater, practice audience etiquette, analyze and evaluate theatrical experiences.

CREDIT: 1 GRADE: 9-12

THEATRE PRODUCTION I

ID: 03250700

Expressive use of body and voice; relaxation, pantomime, stage movement, voice and diction. Acting concepts and skills; improvisation, analyze and interpret scripts and characters. Theater production concepts and skills; theatrical elements and technical theater. Aesthetic growth through appreciation; develop an appreciation of theater, practice audience etiquette, analyze and evaluate theatrical experiences.

COURSE NOTE: STUDENTS ARE REQUIRED TO PARTICIPATE IN ACTIVITIES OUTSIDE THE REGULAR SCHOOL DAY

CREDIT: 1 GRADE: 9-12

THEATRE PRODUCTION II

ID: 03250800

Advanced Theater Production is a laboratory class for the exploration and development of all the elements of theater. This course supplements other theater and arts courses that concentrate on theories, information, and techniques by providing for implementation of those ideas and skills. Practical experiences in acting and stage craft are provided through the preparation of one or more public performances. Students will receive advanced art or theater credit as the stage craft will incorporate the art involved in creating props and scenery for a production. All students must have basic theater or art or one act play experience. All students will be involved in all areas of production including acting, costume design, scenery design, light plot design, make- up design and set design.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED, STUDENTS ARE REQUIRED TO PARTICIPATE IN ACTIVITIES OUTSIDE THE REGULAR SCHOOL DAY

CREDIT: 1 GRADE: 10-12

PREREQUISITE: THEATRE PRODUCTION I

THEATRE PRODUCTION III, IV

ID: 03250900, 1000

Continuation of year II with accelerated learning and activities. All students will be involved in all areas of production including acting, costume design, scenery design, light plot design, make-up design and set design.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED, STUDENTS ARE REQUIRED TO PARTICIPATE IN ACTIVITIES OUTSIDE THE REGULAR SCHOOL DAY

CREDIT: 1 GRADE: 11-12

PREREQUISITE: THEATRE PRODUCTION II

TECHNICAL THEATRE I

ID: 03250500

Students learn stagecraft, design, theatre safety, scenery, properties, lighting, sound, costumes, makeup, public relations and career opportunities and evaluate live performances.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 1 GRADE: 9-12

TECHNICAL THEATRE II

ID: 03250600

Students construct set pieces & props, develop skills in lighting, and run a production. This hands-on course allows practical application of skills learned earlier while offering students design challenges.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 1 GRADE: 10-12

PREREQUISITE: TECHNICAL THEATRE I

TECHNICAL THEATRE III, IV

ID: 03251100, 200

Students construct set pieces, props and costumes; develop skills in lighting, and building and running a production. Participation on crews is required. This is a hand-on course that allows practical application of skills learned earlier while offering students design challenges.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 1 GRADE: 11-12

PREREQUISITE: TECHNICAL THEATRE II

Languages Other Than English

AMERICAN SIGN LANGUAGE I

ID: 03980100

ASL focuses on a student's ability to understand sign language receptive level and use sign language expressively. The students will learn letters of the alphabet and develop finger spelling skills. In addition approximately 800 basic sign vocabulary will be introduced. Students will be required to demonstrate skills in understanding signed sentences, and short paragraphs. Deaf culture is also emphasized. Students will study the language, traditions, values and social interaction of deaf people.

CREDIT: 1 GRADE: 9-12

AMERICAN SIGN LANGUAGE II-III

ID: 03980200, 300

This course is a continuation of the American Sign Language study.

CREDIT: 1 GRADE: 10-12

PREREQUISITE: AMERICAN SIGN LANGUAGE I

SPANISH I

ID: 03440100

The course covers the fundamentals of listening, speaking, reading, and writing in Spanish and will introduce students to the Hispanic culture. The structure of the language will be taught through written and oral exercises, dialogues, and simple theme construction. In Spanish, the student will engage in a simple conversation; read with comprehension a simple paragraph discussing a simple topic; display an understanding of basic grammar principles and display an understanding of the key elements of Hispanic culture. This course provides a strong foundation for the further study of the language.

CREDIT: 1 GRADE: 9-12

SPANISH II

ID: 03440200

This course is a continuation of the Spanish language study. Students expand vocabulary and listening, speaking, reading, and writing skills.

CREDIT: 1 GRADE: 9-12

PREREQUISITE: SPANISH I

SPANISH III

ID: 03440300

This course is a continuation of the Spanish language study. Students expand vocabulary and listening, speaking, reading, and writing skills through oral and written practice, theme writing, working through literary selections, and the reading of cultural background material. There is more emphasis on extemporaneous conversation with students communicating about a given topic from daily life (non- technical vocabulary) and about business/occupational situations (technical vocabulary). Students display an understanding of simple tense and compound-tense sentence constructions, using conjugations in the present indicative, preterit, imperfect, present subjunctive commands, present and imperfect progressives, present and preterit perfects, and pluperfect.

GPA: +5

CREDIT: 1 GRADE: 10-12

PREREQUISITE: SPANISH II

AP SPANISH LANGUAGE AND CULTURE

ID: A3440100

Students use authentic materials and sources in Spanish to demonstrate language proficiencies in multiple modes of communication, including Interpersonal Communication (two-way written interactions and conversations), Interpretive Communication, (interpretation of written, audio, and audiovisual materials), and Presentational Communication (oral and written presentations of information, opinions, and ideas). Students are expected to take the AP Spanish Language and Culture exam upon course completion.

COURSE NOTE: END OF COURSE AP TEST AT STUDENT'S EXPENSE

GPA: +10

CREDIT: 1 GRADE: 11-12

PREREQUISITE: SPANISH III

Health & Physical Education

DRILL TEAM I – BELLES

ID: PES00014

Students utilize a variety of dance forms in a highly visible and competitive organization. Course involves extensive rehearsals and performances outside the school day. Students must try out for this class.

COURSE NOTE: APPROVAL REQUIRED FROM INSTRUCTOR, STUDENTS RECEIVE PE CREDIT FOR THIS CLASS

CREDIT: 1 GRADE: 9-12

HEALTH EDUCATION

ID: 03810100

Students are provided opportunities for researching, discussing, and analyzing health issues. This higher level of involvement provides students with experiences designed to reinforce positive health behaviors. Students are given the opportunity to learn more about technology, how it affects health, and how to use electronic technology to gain health information. The emphasis in this course is less related to learning facts and more related to providing students with the skills necessary to access their own health information and services and become health literate. This course will include instruction in teen dating violence, first aid and CPR.

COURSE NOTE: HEALTH SCIENCE THEORY MAY BE USED TO SATISFY THIS CREDIT; TYPICALLY PAIRED WITH PROFESSIONAL COMMUNICATIONS (SPEECH), REQUIRED FOR GRADUATION

CREDIT: 0.5 GRADE: 9-12

MEN'S ATHLETICS I FALL/SPRING

ID: PES00000

Competitive sports participation upon approval of coach. Compete on athletic team.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED; BEFORE AND AFTER SCHOOL PRACTICES

CREDIT: 1 GRADE: 9

MENS ATHLETICS II, III & IV FALL/SPRING

ID: PES00001, 2, 3

Competitive sports participation upon approval of coach. Compete on athletic team.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED; BEFORE AND AFTER SCHOOL PRACTICES

CREDIT: 1 GRADE: 10-12

PREREQUISISTE: MEN'S ATHLETICS I

ATHLETIC TRAINER I-III

ID: PES00000, 1, 2, 3

This course is designed to introduce students to the profession of athletic training. It includes a comprehensive analysis of the theories and practices in preventing, recognizing and treating common athletic injuries. The course will include such topics as first aid, emergency procedures, and athletic injuries, rehabilitation of injuries, protective sports equipment and equipment repair. Students will work under the direction of a licensed athletic trainer and will be required to satisfy an after school time commitment. During this course, students will be eligible to obtain CPR and first aid certification.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED, BEFORE AND AFTER SCHOOL PRACTICES

CREDIT: 1 GRADE: 9-12

PE AEROBICS I

ID: PES00054

Designed for total body fitness -- increase cardiovascular endurance -- light weight training and aerobics combination -- fun and exercise -- keeping fit.

COURSE NOTE: STUDENTS MAY TAKE AEROBICS ONLY ONCE; OFFERED ONCE EVERY THREE YEARS

CREDIT: 1 GRADE: 9-10

PE LIFE SPORT I

ID: PES00055

Team and individual sports. Explain basic rules of games; develop speed, strength, endurance, coordination, balance, carnivorous efficiency; develop competitive spirit, foster fair play and idea of team work.

COURSE NOTE: STUDENTS MAY TAKE LIFE SPORTS ONLY ONCE; OFFERED ONCE EVERY THREE YEARS

CREDIT: 1 GRADE: 9-10

PE PERSONAL FITNESS

ID: PES00052

The 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. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness, or striving to reach optimal levels of health, is the corner stone of this course and is exemplified by one of the course objectives-students designing their own personal fitness program.

COURSE NOTE: STUDENTS MAY TAKE PERSONAL FITNESS ONLY ONCE; OFFERED ONCE EVERY THREE YEARS

CREDIT: 1 GRADE: 9-10

PE APPROVED PRIVATE PROGRAM I-IV

ID: PES00008, 09, 10, 11

Includes a minimum of 15 hours per week of highly intensive, professional, supervised training. The training facility, instructors, and the activities involved in the program must be certified by the superintendent to be of exceptional quality. Students qualifying and participating at this level may be dismissed from school one hour per day. Students dismissed may not miss any class other than physical education.

COURSE NOTE: DISTRICT PROGRAM APPROVAL REQUIRED; CONSULT COUNSELOR

CREDIT: 1 GRADE: 9-12

SPORTS MEDICINE I, II

ID: N1150040, 41

This course is designed to introduce students to the profession of athletic training. It includes a comprehensive analysis of the theories and practices in preventing, recognizing and treating common athletic injuries. The course will include such topics as first aid, emergency procedures, and athletic injuries, rehabilitation of injuries, protective sports equipment and equipment repair. Students will work under the direction of a licensed athletic trainer and will be required to satisfy an after school time commitment. During this course, students will be eligible to obtain CPR and first aid certification.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED; BEFORE AND AFTER SCHOOL PRACTICE

CREDIT: 1 GRADE: 10-12

WOMEN'S ATHLETICS I FALL/SPRING

ID: PES00000

Competitive sports participation upon approval of coach. Compete on athletic team.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED; BEFORE AND AFTER SCHOOL PRACTICES

CREDIT: 1 GRADE: 9

WOMEN'S ATHLETICS II, III & IV FALL /SPRING

ID: PES00001, 2, 3

Competitive sports participation upon approval of coach. Compete on athletic team.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED; BEFORE AND AFTER SCHOOL PRACTICES

CREDIT: 1 GRADE: 10-12

PREREQUISITE: WOMEN'S ATHLETICS I

Other Electives

JOURNALISM

ID: 03230100

This course reviews the history of mass print media as well as its contemporary role in the United States. Students will analyze and compose journalistic writing and prepare materials necessary for newspaper and yearbook design. It is recommended that students earn an average grade or higher in their prior English course and have strong typing skills. Typing skills suggested but not required.

CREDIT: 1 GRADE: 9-12

YEARBOOK I

ID: 03230110

This course continues the students' study of mass communications while applying their skills to the processes of writing, designing and editing a school yearbook and/or newspaper. Typing skills are suggested but not required.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 1 GRADE: 10-12

PREREQUISITE: JOURNALISM

YEARBOOK II & III

ID: 03230120, 30

Students are expected to plan, draft, and complete written compositions on a regular basis carefully examining for clarity, engaging language, audience, purpose, and correct use of the conventions of language. They will write in a variety of forms and will become analytical consumers and users of media and technology. They will apply journalistic traditions and the principles of publishing. Advanced Journalism students will receive specific page assignments and deadlines which must be met in order to receive course credit.

COURSE NOTE: INSTRUCTOR APPROVAL REQUIRED

CREDIT: 1 GRADE: 11-12

PREREQUISITE: YEARBOOK I, II

PROFESSIONAL COMMUNICATIONS (Speech, CTE)

ID: 13009900

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

COURSE NOTE: TYPICALLY PAIRED WITH HEALTH EDUCATION, REQUIRED FOR GRADUATION

CREDIT: 0.5 GRADE: 9-12

PEER ASSISTANCE AND LEADERSHIP IN EDUCATION

ID: 13014200

Students will learn about and analyze various careers in education while making a difference in the lives of elementary school students by providing mentoring and classroom support.

CREDIT: 1 GRADE: 11-12

PEER ASSISTANCE FOR STUDENTS WITH DISABILITIES I -II ID: N1290203, 04

This course is designed to promote an inclusive educational environment for special education students. Peer assistants assist teachers in general education and special education settings by helping to facilitate inclusion in the classroom. The peer assistant descriptor: empathy and

support of the student, recognition of the unique needs of the students with disabilities, development of leadership skills, exploration of career opportunities in education, counseling and health care.

COURSE NOTE: TEACHER APPROVAL REQUIRED

CREDIT: 0.5-2 GRADE: 10-12

COMPUTER SCIENCE I-II (Tech Apps)

ID: 03580200, 300

This course will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. 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. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

COURSE NOTE: MIGHT BE OFFERED ONLINE ONLY (TxVSN), NOT OFFERED EVERY YEAR

CREDIT: 1 GRADE: 10-12

PREREQUISITE: ALGEBRA I

DISCRETE MATH FOR COMPUTER SCIENCE (Tech Apps)

ID: 03580370

The study of math structures that are fundamentally discrete rather than continuous. In contrast to real numbers that have the property of varying "smoothly", the objects studied in discrete mathematics – such as integers, graphs and statements in logic – do not vary smoothly in this way, but have distinct, separated values. Discrete mathematics therefore excludes topics in "continuous mathematics" such as calculus and analysis. Concepts and notations from discrete mathematics are useful in studying and describing objects and problems in branches of computer science, such as computer algorithms, programming languages, cryptography, automated theorem proving, and software development.

COURSE NOTE: MIGHT BE OFFERED ONLINE ONLY (TxVSN), NOT OFFERED EVERY YEAR, NCAA MAY NOT ACCEPT AS 4TH MATH – CHECK EACH YEAR

CREDIT: 1 GRADE: 11-12

PREREQUISITE: ALGEBRA II

DIGITAL DESIGN AND MEDIA (Tech Apps)

ID: 03580400

Digital Design and Media Production will allow students to demonstrate creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others as well as independently. Students will gather information electronically, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will demonstrate a thorough understanding of digital design principles that is transferable to other disciplines.

COURSE NOTE: MIGHT BE OFFERED ONLINE ONLY (TxVSN), NOT OFFERED EVERY YEAR

CREDIT: 1 GRADE: 10-12

TEEN LEADERSHIP

ID: N1290012

The curriculum for Leadership focuses on nine principles; kindness, courage, self-control, forgiveness, respect, diligence, loyalty, honesty and confidence. Students write papers and speeches on topics such as living up to values, principles and changing bad attitudes. The format of this class includes journalizing, small and large group discussions and varied activities. Skills will be developed to achieve leadership in the professional world, in family relationships, and in an individual's personal life.

CREDIT: 1 GRADE: 9-12

CREDIT RECOVERY GRADPOINT

ID: 84XXXXXX

Online credit recovery for defined courses. Not utilized for credit acceleration.

COURSE NOTE: COUNSELOR APPROVAL REQUIRED

CREDIT: as earned GRADE: 9-12

AIDE - COUNSELOR'S (SENIORS only)

ID: 85000XXX

Students will deliver messages, do routine filing, and perform other types of clerical duties as required by the counselors and secretaries.

COURSE NOTE: COUNSELOR APPROVAL REQUIRED

CREDIT: 0 GRADE: 12

AIDE - LIBRARY (SENIORS only)

ID: 85000XXX

Students will work with librarians in performing duties such as shelving books, filing, reading book shelves and helping maintain and process materials.

COURSE NOTE: LIBRARIAN APPROVAL REQUIRED

CREDIT: 0 GRADE: 12

AIDE - OFFICE (SENIORS only)

ID: 85000XXX

Students will answer the phone, deliver messages, do routine filing, and perform other types of clerical duties as required by the receptionist and secretaries.

COURSE NOTE: OFFICE ADMINISTRATOR APPROVAL REQUIRED

CREDIT: 0 GRADE: 12

AIDE - TEACHER'S (SENIORS only)

ID: 85000XXX

Students will work with a teacher in performing routine duties such as filing and other duties as required.

COURSE NOTE: TEACHER APPROVAL REQUIRED

CREDIT: 0 GRADE: 12

OFF CAMPUS (SENIORS only)

ID: 85000XXX

A non-scheduled period in which senior students are allowed to leave campus.

COURSE NOTE: *Seniors Only *Must have Counselor Approval

CREDIT: 0 GRADE: 12

SAT/ACT PREP (ONLINE, GRADPOINT)

ID: 85000XXX

This general curriculum provides instruction and practice with key concepts and problem solving strategies identified by the test publishers for their respective exams. Each course consists of a series of on-line and offline activities that each student should be required to complete in order to meet the state's minimum requirements for credit in that course.

CREDIT: 0 GRADE: 11-12

PREREQUISITE: ENGLISH II

Liberty Hill Junior High School General Information

Course Requirements

All students will take the following courses:

7th grade

- English Language Arts and Reading
- Mathematics (Regular or Advanced),
- Science,
- Social Studies,
- Physical Education (PE, Athletics, or Dance),
- Fine Arts (Art, Band, Choir, or Theater Arts), and
- Elective.

8th grade

- English Language Arts and Reading
- Mathematics (Regular or Advanced),
- Science,
- Social Studies, and
- Electives.

(Students who take Dance for PE in 7th grade and Dance for Fine Arts in 8th grade may take an elective other than Fine Arts in 7th grade.)

Course Selections

Junior High students must be considering graduation requirements and selecting courses that will help prepare them for their future goals. Select courses are offered in 8th grade for high school credit.

- Students and parents/guardians have online access to the Course Catalog, which is updated each December.
- The counselor will visit classrooms in the spring to discuss students' options.
- Freshman orientation meetings for students and parents/guardians will be conducted at the High School in the spring.
- Parents/guardians and students should take the time to discuss the courses and how they fit into the student's future plans before completing the Choice Sheet.
- Parents/guardians must sign the bottom of the Choice Sheet, and students must return the form to the school counselor. Student selections are considered final at this time and no changes will be made as of June 1st.

Every attempt will be made to provide students with their first choices. When a teacher is not available, or there is insufficient enrollment for a course, counselors will use a student's second or third choice for scheduling.

Course Scheduling

Administrators use student Choice Sheets to guide the development of the master schedule to maximize student opportunities and minimize scheduling conflict.

- Schedules will not be changed to select different teachers, change lunch periods, or drop an elective that was one of the student's three choices.
- If the school made an error or a scheduling conflict exists, the student schedule will be changed within the first five days of the semester. A parent signature is not required.
- Requests to change a core course will be considered only for a compelling educational circumstance. A parent/teacher/student conference must occur and the principal or designee must approve the change.
- Schedule changes must be complete by the second week of school.

Junior High Courses for High School Credit

LHJH offers the following courses for high school credit:

- Algebra I;
- Spanish I;
- Principles of Business, Marketing & Finance;
- Principles of Arts, Audio/Video Tech & Communications;
- High School Art 1;
- Theater Productions I; and
- Dance I.

Students who take these courses must meet the prerequisites listed in the course description.

Satisfactory completion of high school courses taken prior to high school shall be reflected on the student's academic achievement record, and the student will be awarded state graduation credit.

The grade for courses taken prior to high school will not be averaged in the student's high school grade point average (GPA) or class rank. Students who complete high school credit in mathematics during junior high are expected to continue with higher-level math courses in high school, earning four additional credits.

Liberty Hill Junior High Course Descriptions

English Language Arts/ESL

English Language Arts and Reading – 7th grade

ID: 03200520

Students in 7th grade Language Arts will build vocabulary through reading and systematic word study; use study strategies to learn from texts; develop writing skills through use of graphic organizers and vocabulary development; and read with fluency and understanding in a variety of texts. Writing skills will be blended with novel studies emphasizing analysis, comprehension and reading fluency. Teachers will motivate students to become independent readers and writers.

English Language Arts and Reading – Advanced - 7th grade

ID: 03200520

The course is taught at an accelerated pace. This course takes students beyond grade-level material. Students opting to take Advanced LA must have a good grasp of reading, writing, and literature, and have a willingness to do quality work. Students need to be self-motivated learners who are committed to spending regularly scheduled time reading outside of class.

COURSE NOTE: To participate in this course, it is recommended that students have an 85 average in ELAR for the previous school year, demonstrate a good work ethic, and have the recommendation of their previous ELAR teacher.

English Language Arts and Reading – 8th grade

ID: 03200530

In this course, students will build vocabulary through reading and systematic word study; use study strategies to learn from texts; develop writing skills through use of graphic organizers and vocabulary development; and read with fluency and understanding in a variety of texts. Writing skills will be blended with novel studies emphasizing analysis, comprehension and reading fluency. Reading skills will be developed through short story and novel studies.

Emphasis will be placed on vocabulary development, providing textual support for answers and opinions, as well as synthesis and evaluative techniques to enhance reading comprehension. Teachers will motivate students to become independent readers and writers.

English Language Arts and Reading – Advanced - 8th grade

ID: 03200530

The goal of this course is to help students become independent learners who are prepared and ready to move into high school Pre-AP English classes. Therefore, candidates will be expected to be self-motivated students who desire to increase and refine their communication skills. Since much of the reading will be done outside of class, these students must enjoy and be willing to spend regularly scheduled time reading and responding to that reading.

There is a summer reading requirement for this course. All students will be required a novel and keep a reflection journal. The novel will be provided to students in late May. Details for completing the reflection journal will be provided at that time. The reading and journal must be completed by the first day of school.

COURSE NOTE: To participate in this course, it is recommended that students have an 85 average in ELAR for the previous school year, demonstrate a good work ethic, and have the recommendation of their previous ELAR teacher.

Reading Intervention – 7th grade

ID: 03273420

This course offers students opportunities to read with competence, confidence, and understanding through instruction and engagement in word recognition, vocabulary, fluency, and comprehension activities. Students will read independent and instructional level materials for varied purposes and respond to texts both orally and in writing.

COURSE NOTE: Students are placed in this course by the RtI or 504 Committee based on evaluation data.

Reading Intervention – 8th grade

ID: 03273430

This course offers students opportunities to read with competence, confidence, and understanding through instruction and engagement in word recognition, vocabulary, fluency, and comprehension activities. Students will read independent and instructional level materials for varied purposes and respond to texts both orally and in writing.

COURSE NOTE: Students are placed in this course by the RtI or 504 Committee based on evaluation data.

Reading Enhancement – 7th grade

ID: LOCAL

This course offers students opportunities to develop skills to read with competence, confidence, and understanding through instruction and engagement in word recognition, vocabulary, fluency, and comprehension activities.

COURSE NOTE: Students are placed in this course by the RtI or 504 Committee based on evaluation data.

Reading Enhancement – 8th grade

ID: LOCAL

This course offers students opportunities to develop skills to read with competence, confidence, and understanding through instruction and engagement in word recognition, vocabulary, fluency, and comprehension activities.

COURSE NOTE: Students are placed in this course by the RtI or 504 Committee based on evaluation data.

English as a Second Language – Elective – 7th grade

ID: 03210400

ELL students are at different stages of language acquisition. Language proficiency levels are not grade specific. This course develops an understanding of English. Students engage in numerous language and cultural activities that build on their prior knowledge and skills to develop and strengthen their listening, speaking, reading, and writing skills.

COURSE NOTE: Students are placed in this course by the LPAC Committee based on the student's level of English proficiency.

English as a Second Language – Elective – 8th grade

ID: 03210500

ELL students are at different stages of language acquisition. Language proficiency levels are not grade specific. This course develops an understanding of English. Students engage in numerous language and cultural activities that build on their prior knowledge and skills to develop and strengthen their listening, speaking, reading, and writing skills.

COURSE NOTE: Students are placed in this course by the LPAC Committee based on the student's level of English proficiency.

Mathematics

Mathematics – 7th grade

ID: 03103000

Students in this course will use direct proportional relationships in number, geometry, measurement, and probability; algebraic thinking; apply addition, subtraction, multiplication, and division of decimals, fractions, and integers; problem solving in meaningful contexts, language and communication, connections with outside mathematics, and formal and informal reasoning and use statistical measures to describe data.

Mathematics – Advanced – 7th grade

ID: 03103100

Acceleration and in-depth study of mathematical concepts for specific 7th and 8th grade TEKS are addressed in this course. Students will take the 8th grade math STAAR test.

Mathematics – 8th grade

ID: 03103100

Students in 8th Grade Math will use basic principles of algebra to analyze and represent both proportional and non-proportional linear relationships and use probability to describe data and make predictions. Students will continue to build a foundation of basic understandings in number, operation and quantitative reasoning; patterns, relationships and algebraic thinking; geometry and spatial reasoning; measurement; and probability and statistics at a critical level of thinking while applying knowledge and skills to real life circumstances and events.

Mathematics – High School Algebra I – 8th grade

ID: 03100500

Algebra I is an advanced math course taught at the high school level. Algebra I in 8th grade allows students to earn one high school math credit upon passing the course for the year. The course will not count in the student's high school grade point average (GPA) or class rank.

Algebra I covers the language of Algebra, operations with real numbers, developing properties, operations with polynomials, factoring, application of factoring techniques to solve polynomial equations, solving word problems, quadratic functions and equations, and systems of equations.

Mathematics – Intervention – 7thgrade/8th grade

ID: LOCAL

Students will have an opportunity to strengthen math skills in this course.

COURSE NOTE: Students are placed in this course by the RtI or 504 Committee based on evaluation data.

Science**Science – 7th grade**

ID: 03060700

In this course, students will use experimentation, critical thinking, problem-solving, technology, and the scientific method to learn about the natural world. Content will focus on photosynthesis, force and motion, the flow of energy, organisms and factors impacting the environment, structure and function of cells, human body systems, homeostasis, weather, and genetics.

Science – 8th grade

ID: 03060800

In 8th grade Science, students will use experimentation, critical thinking, problem-solving, technology, and the scientific method to learn about the natural world. Content will focus on atomic structure, the periodic table, chemical formulas, equations & reactions, physical & chemical properties of matter, Newton's Laws, force & motion, forces that change the earth, climatic interactions, the earth's cycles, characteristics of the universe, interdependence among living systems, and experimental design.

Social Studies**Texas History – 7th grade**

ID: 03343000

Students will study the history of Texas from the prehistory period through the modernization of Texas. Historical content will focus on geography, key historical figures, issues, conflicts, and social events that occurred during the major eras of Texas History. Students will learn and practice social studies skills, such as research techniques, use of primary and secondary sources, use of technology, problem solving processes, and decision-making processes. Students will practice time management and materials organization skills.

United States History through Reconstruction – 8th grade

ID: 03343100

Students will study the history of the United States from the early exploration period through the Civil War and Reconstruction. Historical content will focus on geography, key historical figures, issues, conflicts, and social events that occurred during the major eras of American History. Students will also learn and practice social studies skills, such as research techniques, use of primary and secondary sources, use of technology, problem solving processes, and decision-making processes.

Physical Education

Athletics – 7th grade/8th grade

ID: 03823000

Athletics offers students the opportunity to participate in competitive sports as outlined by the University Interscholastic League (UIL). LHJHS offers the following competitive sports for girls: volleyball, basketball, cross country, track, golf, tennis, and soccer. LHJHS offers the following competitive sports for boys: football, basketball, cross country, track, golf, and tennis, and soccer. Students may participate in golf and/or tennis without enrolling in the Athletics class period.

COURSE NOTE: Please be aware that practice times will occur before and/or after regular school hours. Transportation to morning practices and/or from after school practices will be the sole responsibility of the parent/guardian. Athletes are required to participate in one or more sports throughout the school year. All students will be required to dress out daily. Work out clothing (t-shirt and shorts) will be provided for use, but must be returned upon completion of the course.

Students wishing to participate in Athletics must have an Athletic Physical and all required paperwork on file with the school before they will be permitted to dress out or participate. It is the parent/guardian's responsibility to ensure that the physical is obtained and on file before the student may participate. If a physical is not obtained within the first two weeks of school the student may be removed from athletics. Physicals are required for participation in all sports, including tennis and golf. Forms may be obtained from the LHJH front office. Students transferring to LHJHS that are currently in Athletics may request that their child's physical be sent from their previous school. Please must complete online paperwork at <https://libertyhillisd.rankonesport.com/> .and submit the doctor's physical within the first two weeks of school.

Physical Education – 7th grade/8th grade

ID: 03823000

In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically active lifestyle and understands the relationship between physical activity and health throughout the life span. Students understand in greater detail the function of the body, learn to measure their own performance more accurately, and develop plans for improvement. Identifying the types of activities that provide them with enjoyment and challenge and that will encourage them to be physically active throughout life is reinforced during instruction. Emphasis is placed on the long-term benefits of regular physical activity.

COURSE NOTE: Students are expected to work out daily. Students must wear rubber-soled tennis shoes that lace up tightly and cover the heel.

Aerobics/Dance – 7th grade/8th grade

ID: 0382300

In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically active lifestyle and

understands the relationship between physical activity and health throughout their lifespan. Students understand in greater detail the function of the body, learn to measure their own performance more accurately, and develop plans for improvement. Identifying the types of activities that provide the students with enjoyment, that will challenge them and that will encourage them to be physically active throughout their life is reinforced during instruction. Emphasis is placed on the long-term benefits of regular physical activity.

COURSE NOTE: Students are expected to work out daily. Students must purchase dance clothes and shoes to participate in the course. Students will receive a PE credit.

Fine Arts

Art – Beginning – 7th grade/8th grade

ID: 03154110

Students will explore the four basic strands of art: perception, creative expression/performance, historical and cultural heritage, and critical evaluation. These strands provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire. Students rely on their perceptions of the environment, developed through increasing visual awareness and sensitivity to surroundings, memory, imagination, and life experiences, as a source for creating artworks. They express their thoughts and ideas creatively, while challenging their imagination, fostering reflective thinking, and developing disciplined effort and problem-solving skills. By analyzing artistic styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. Students respond to and analyze artworks, thus contributing to the development of lifelong skills of making informed judgments and evaluations. Students may have the opportunity to compete with other schools in artistic competitions.

COURSE NOTE: Students who took Beginning Art in 6th grade will take Intermediate Art in 7th or 8th grade.

Art – Intermediate – 7th grade/8th grade

ID: 03154210

Students will continue to explore the four basic strands of art: perception, creative expression/performance, historical and cultural heritage, and critical evaluation. These strands provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire. Students rely on their perceptions of the environment, developed through increasing visual awareness and sensitivity to surroundings, memory, imagination, and life experiences, as a source for creating artworks. They express their thoughts and ideas creatively, while challenging their imagination, fostering reflective thinking, and developing disciplined effort and problem-solving skills. By analyzing artistic styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. Students respond to and analyze artworks, thus contributing to the development of lifelong skills of making informed judgments and evaluations. Students may have the opportunity to compete with other schools in artistic competitions.

COURSE NOTE: The required prerequisite is Beginning Art.

Art – High School Art 1 – 8th grade

ID: 03500100

This course covers the same areas as Intermediate Art, but with more depth and expansion. This class is designed for self-motivated, well-disciplined art students who have demonstrated superior talent and creativity in the design and execution of art. Students will pursue art projects of interest to them using materials they wish to explore.

COURSE NOTE: The required prerequisite is Beginning Art. Students must have teacher recommendation to register. Students earn one high school fine arts credit upon passing the course for the year. The course will not count in the student's high school grade point average (GPA) or class rank.

Band – Beginning – 7th grade/8th grade

ID: 03154130

Students will be placed in specific instrument classes within the brass, woodwind, and percussion families. Students will develop basic musical literacy skills while learning to play their respective wind or percussion instruments in preparation for a sequential experience in a full band setting in subsequent years. With the goal of student success throughout their band career, students will be screened for placement on an instrument based on their physical characteristics, preference, and maintaining a balanced instrumentation.

COURSE NOTE: Students who took Beginning Band in 6th grade will take Intermediate Band in 7th or 8th grade. Students in 7th or 8th grade entering beginning band must audition and placement is at the director's discretion. Fees are required to participate in this course, but the band director will work with students who need financial assistance.

Band – Intermediate – 7th grade/8th grade

ID: 03154230

The band program consists of two performance-based groups, Symphonic Band and Honors Band. Performance opportunities include pep rallies, local concerts, concert competitions, Solo & Ensemble Contest, and individual Region-level competitions. Students are encouraged to excel individually as well through good practice habits and commitments at home. Competing in Region Band and Solo and Ensemble contests allow them to excel on an individual basis and expand their musical experience. The band program provides a creative outlet for students interested in music. They are encouraged to perform to the best of their ability at all times. Teamwork and leadership skills are also stressed as they are essential to a successful band experience.

COURSE NOTE: The required prerequisite is Beginning Band. Fees are required to participate in this course, but the band director will work with students who need financial assistance.

Band – Advanced – 8th grade

ID: 03154330

The band program consists of two performance-based groups, Symphonic Band and Honors Band. Performance opportunities include pep rallies, local concerts, concert competitions, Solo & Ensemble Contest, and individual Region-level competitions. Students are encouraged to excel individually as well through good practice habits and commitments at home. Competing in Region Band and Solo and Ensemble contests allow them to excel on an individual basis and expand their musical experience. The band program provides a creative outlet for students interested in music. They are encouraged to perform to the best of their ability at all times.

Teamwork and leadership skills are also stressed as they are essential to a successful band experience.

COURSE NOTE: The required prerequisite is Intermediate Band. Fees are required to participate in this course, but the band director will work with students who need financial assistance.

Choir – Beginning – 7th grade/8th grade

ID: 03154131

This course has a strong emphasis on music reading, vocal technique, positive attitudes, responsibility, and a strong work ethic. Students will learn choral reading techniques, ear training, vocal production, solfege, and basic theory. Students will perform in a variety of musical styles in large ensembles and small ensembles and have the opportunity to perform as soloists if they choose. Performance opportunities include Choir Concerts, Festivals, and UIL competitions.

COURSE NOTE: Students who took Beginning Choir in 6th grade will take Intermediate Choir in 7th or 8th grade. Fees are required to participate in this course, but the choir director will work with students who need financial assistance.

Choir – Intermediate – 7th grade/8th grade

ID: 03154231

This course has a strong emphasis on music reading, vocal technique, positive attitudes, responsibility, and a strong work ethic. Students will perform in a variety of musical styles in large ensembles and small ensembles and have the opportunity to perform as soloists if they choose. Performance opportunities include Choir Concerts, Festivals, and UIL competitions.

COURSE NOTE: The required prerequisite is Beginning Choir. Fees are required to participate in this course, but the choir director will work with students who need financial assistance.

Choir – Advanced – 8th grade

ID: 03154331

This course has a strong emphasis on music reading, vocal technique, positive attitudes, responsibility, and a strong work ethic. Students will perform in a variety of musical styles in large ensembles and small ensembles and have the opportunity to perform as soloists if they choose. Performance opportunities include Choir Concerts, Festivals, and UIL competitions.

COURSE NOTE: The required prerequisite is Intermediate Choir. Fees are required to participate in this course, but the choir director will work with students who need financial assistance.

Dance – Beginning – 7th grade/8th grade

ID: 03154120, 220

This course is designed to develop student awareness and appreciation of dance as a performing art. Students will gain understanding of various styles of dance, including Ballet, Jazz, Contemporary and Hip Hop. Students apply critical and creative thinking and develop an understanding of dance in various cultures and historical periods. By mastering movement principles and skills, students develop self-discipline and healthy bodies that move expressively, efficiently and safely through space and time with controlled energy.

COURSE NOTE: Fees are required to participate in this course, but the director will work with students who need financial assistance. Students will receive a Fine Arts credit.

Dance – High School Dance 1 – 8th grade

ID: 03830100

This course is designed to continue student awareness and appreciation of dance as a performing art and build upon the skills developed in Beginning Dance. Students will deepen their understanding of various styles of dance, including Ballet, Jazz, Contemporary and Hip Hop. Students apply critical and creative thinking and develop an understanding of dance in various cultures and historical periods. By mastering movement principles and skills, students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with controlled energy.

COURSE NOTE: Teacher approval required. Students are required to have taken Beginning Dance to be eligible to register for this course. Fees are required to participate in this course, but the director will work with students who need financial assistance. Students earn one high school Fine Arts credit upon passing the course for the year. The course will not count in the student's high school grade point average (GPA) or class rank

Theatre Arts – 7th grade/8th grade

ID: 03154140, 240

This course will provide students with the basic skills of theater through a theater history approach. The students will examine the origins of theater, how it has developed into the theater of today, and what role it plays in society.

Students will develop an appreciation for theater, as well as learn basic acting concepts and skills, directing, technical skills, improvisation, expressive use of body and voice, stage movement, and interpretation of scripts and characters. Students will have the opportunity to perform in front of their peers.

COURSE NOTE: Students may not repeat this course in 8th grade.

Theatre Arts – High School Theatre Production I – 8th grade

ID: 03250700

Expressive use of body and voice; relaxation, pantomime, stage movement, voice and diction. Acting concepts and skills; improvisation, analyze and interpret scripts and characters. Theater production concepts and skills; theatrical elements and technical theater. Aesthetic growth through appreciation; develop an appreciation of theater, practice audience etiquette, analyze and evaluate theatrical experiences.

COURSE NOTE: The required prerequisite is Beginning Theatre Arts. Students must have teacher recommendation to register. Students are required to participate in activities outside the regular school day. Students earn one high school fine arts credit upon passing the course for the year. The course will not count in the student's high school grade point average (GPA) or class rank.

Languages Other than English (LOTE)

Spanish – High School Spanish I – 8th grade

ID: 03440100

The course covers the fundamentals of listening, speaking, reading, and writing in Spanish and serves as an introduction to the Hispanic culture. In addition, students will be able to: understand short utterances when listening and respond orally with learned material; produce learned words, phrases, and sentences when speaking and writing; detect main ideas in familiar material when listening and reading; Engage in simple conversation; read with comprehension; recognize the importance in communication to know about the culture; and recognize the importance of acquiring accuracy of expression by knowing the components of language, including grammar.

COURSE NOTE: Students must have an ELAR teacher recommendation to register. Students earn one high school LOTE credit upon passing the course for the year. The course will not count in the student's high school grade point average (GPA) or class rank.

Electives

Agriculture: Introduction – 7th grade/8th grade

ID: LOCAL

This course is an overview of many concepts relating to plant and animal agriculture and aqua culture. In the span of this course, students will learn plant physiology and requirements; animal anatomy, physiology and nutrition; and land management practices. Students will also learn about methods involving production, distribution, and marketing of agricultural products. The course will provide background knowledge for a variety agricultural courses offered in high school.

COURSE NOTE: Students may not repeat this course.

Agriculture: Natural Resources – 7th grade/8th grade

ID: LOCAL

This course will develop student understanding of how to generate income from agricultural properties through the use of various natural resources available to a landowner, including indigenous species. Students will explore how property owners can improve property for indigenous organisms, livestock and crops. Students will also consider how agricultural production could have a negative impact on the environment and how this can be avoided. The course will provide background knowledge for a variety agricultural courses offered in high school.

COURSE NOTE: Students may not repeat this course.

Career Portals – One Semester – 8th grade

ID: LOCAL

Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Students will use self-knowledge, educational, and career information to set and achieve realistic career and educational goals. Guest speakers will do presentations to heighten student awareness of career opportunities. Students will complete career interest assessments and aptitude testing to aid them in determining what course of study to follow in high school. Students will be able to understand budgets and the impact they

have on personal lifestyle. Students will fill out job applications, prepare a resume, and participate in mock job interviews.

COURSE NOTE: Students may not repeat this course.

Health – One Semester – 7th grade

COURSE NOTE: Health is no longer offered as a stand-alone course. Learning standards for the course are integrated into the 7th grade Science curriculum.

Leadership – One Semester – 8th grade

ID: LOCAL

Teen Leadership is a program in which students develop leadership, personal, and business skills. They learn to develop a healthy self-concept, healthy relationships, and learn to understand the concept of personal responsibility.

They will develop an understanding of emotional intelligence and the skills it measures which include self-awareness, self-control, self-motivation, and social skills. Students will develop skills in public speaking and communication and an understanding of personal image. They will develop an understanding of the concept of principle-based decision-making and develop their own personal mission statement. They will develop an understanding of the effects of peer pressure and will develop skills to counteract those effects. They will develop skills enabling them to become better family members and citizens. They will also develop an understanding of the need for vision in goal setting, personally and professionally.

COURSE NOTE: Students may not repeat this course.

Principles of Arts, Audio/Video Tech, and Communications – High School – 8th grade

ID: 13008200

This is an advanced technology course. This is the first required course in the Arts, A/V Tech, and Communications pathway as well as the Fashion, Journalism, and Broadcasting pathways. Careers in the Arts, Audio/Video Technology, and Communications career cluster require a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities. Students will create extensive projects using the Adobe Create Suite.

COURSE NOTE: Students earn one high school CTE credit upon passing the course for the year. The course will not count in the student's high school grade point average (GPA) or class rank.

Principles of Business, Marketing, and Finance – High School – 8th grade

ID: 13011200

Students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising and product pricing. Students analyze the sales process and financial management principles. This course allows students to

reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and setting in business, marketing and finance.

COURSE NOTE: Students earn one high school CTE credit upon passing the course for the year. The course will not count in the student's high school grade point average (GPA) or class rank.

Speech – One Semester – 7th grade/8th grade

COURSE NOTE: Speech is no longer offered as a stand-alone course. Learning standards for the course are integrated into the 7th grade ELA/8th grade Leadership classes.

STRIVE – 7th grade/8th grade

ID: LOCAL

Strengthening Talents, Reasoning, and Intellect through Varied Experiences. This course supports students in the Gifted and Talented (GT) program. Students in the STRIVE program will extend academic exploration through application activities; seek interdisciplinary connections in learning; develop broadened awareness and respect the diversity and cultures of others; and engage in community service, leadership, and creative/aesthetic expression opportunities.

COURSE NOTE: Students must be officially identified as Gifted and Talented in order to register for this course. Students transferring to LHJHS who were identified as GT in their former school district must meet LHISD's GT eligibility criteria in order to register.

Student Aide Positions – 8th grade

ID: LOCAL

Student Aide positions are considered to be a privilege. Thus, a very limited number are chosen to represent our campus each year. All Aide candidates must:

- Submit a letter stating why they would they should be chosen to represent the school in an Aide position;
- Possess a positive, "can do" attitude;
- Be very responsible, reliable, and trustworthy;
- Be timely in completing all class work and homework assignments; Maintain averages of 85 or above in all subject areas;
- Maintain good attendance;
- Have absolutely NO disciplinary referrals;
- Demonstrate leadership qualities and good citizenship in all campus activities;
- Maintain excellent interpersonal skills (greeting parents/visitors/students, answering phones, giving tours of the campus, etc); AND
- Sign a contract upon acceptance stating that they understand all expectations outlined above.

Please note: Failure to meet and maintain these criteria will result in the removal of Aide privileges and a schedule change to another elective. Administrative staff will screen and choose all applicants.

Below is a brief description of each type of aide position, as well as the criteria for each.

Library Aide responsibilities may include: assisting the Librarian, teachers and/or students; keeping reading materials and equipment in proper order; and checking materials in/out to students and staff; etc.

Teacher/Office Aide responsibilities may include: making deliveries to students and/or staff; running errands around campus; making copies and filing; greeting guests/visitors; helping to organize events/projects; making announcements over the intercom; etc. Aides are responsible for assisting the Counselor, Registrar, and the teachers. Assistance to teachers may also include peer tutoring.

Technology Aide responsibilities may include: troubleshooting, installing updates, performing upgrades, routine maintenance, installing programs, taking inventory of equipment, etc. Students must enjoy working with computers and people, be able to type 35+ words per minute, and be able to lift up to 30 pounds. In addition, students must exhibit patience when working with people and machines. Interested students must write a letter of interest and have a teacher's recommendation.

Technology Applications – One Semester – 7th/8th grade

ID: 03580100

The concepts taught in this course will help students learn to integrate technology skills with the core curriculum. A review of keyboarding standards and techniques is integrated with the creation of business and personal correspondence, creating and using simple tables, and using advanced document formatting for written work. Students will create multi-media presentations, newsletters, and brochures to enhance communication skills. Students will also learn about basic desktop design to include using graphics and design layout. Students will learn the fundamentals of spreadsheet design and applications.

COURSE NOTE: Students may not repeat this course.

Technology Coding – One Semester – 7th/8th grade

ID: 03580100

Students will explore a variety of technology tools to create original projects such as websites, video games, and graphics. Students will learn coding and design based software to create their projects. Throughout this course students will also work to improve their keyboarding skills.

COURSE NOTE: Students may not repeat this course.

Yearbook Staff – Beginning/Intermediate – 7th grade/8th grade

ID: LOCAL

This course requires advanced technology skills and the ability to meet strict deadlines. Throughout the year, students will develop proficiencies in designing and manipulating text and graphics. Students will apply technology skills as they produce the Liberty Hill Junior High School yearbook. Students must be able to work within a team and complete projects on time. In order to be considered to be on the Yearbook staff, students must (1) write and submit a letter indicating why they would be a good candidate for Yearbook, (2) meet the criteria as

outlined below, and (3) have the recommendations of a current teacher and their technology teacher. A very limited number of students will be selected. Students must:

- Be a team player;
- Exhibit excellent keyboarding skills and be comfortable with technology;
- Be a fast and/or committed learner;
- Maintain a “B” average or better in all classes;
- Maintain good attendance;
- Exhibit excellent interpersonal skills;
- Be comfortable taking digital pictures and performing basic editing functions;
- Be skilled in at least two of the following areas: artistic design, math, writing/language arts;
- Be trusted to conduct self in a responsible, reliable manner while on assignments with camera around campus and at school events; and
- Have flexible parents that are willing and able to transport you to extra-curricular photo assignments.

COURSE NOTE: Failure to meet and maintain these criteria will result in the removal of Yearbook Staff privileges and a schedule change to another elective.

Liberty Hill Intermediate School General Information

Course Requirements

All students in 6th grade will take the following courses:

- English Language Arts and Reading
- Mathematics (Regular or Advanced),
- Science,
- Social Studies,
- Physical Education, and
- Fine Arts (Art, Band, Choir, or Theater Arts).

Technology Applications and Health Education are integrated into other courses.

Course Selections

Sixth grade is the time for students to begin thinking about graduation requirements and selecting courses that will help prepare them for their future goals.

- Students and parents/guardians have online access to the Course Catalog, which is updated each December.
- The counselor will visit fifth grade classrooms in the spring to discuss students' options.
- Orientation meetings for students and parents/guardians will be conducted in the spring.
- Parents/guardians and students should take the time to discuss the courses and how they fit into the student's future plans before completing the Choice Sheet.
- Parents/guardians must sign the bottom of the Choice Sheet, and students must return the form to the school counselor. Student selections are considered final at this time and no changes will be made as of June 1st.

Every attempt will be made to provide students with their first choices. When a teacher is not available, or there is insufficient enrollment for a course, counselors will use a student's second or third choice for scheduling.

Course Scheduling

Administrators use student Choice Sheets to guide the development of the master schedule to maximize student opportunities and minimize scheduling conflict.

- Schedules will not be changed to select different teachers, change lunch periods, or drop an elective that was one of the student's three choices.
- If the school made an error or a scheduling conflict exists, the student schedule will be changed within the first five days of the semester. A parent signature is not required.
- Requests to change a core course will be considered only for a compelling educational circumstance. A parent/teacher/student conference must occur and the principal or designee must approve the change.
- Schedule changes must be complete by the third week of school.

Liberty Hill Intermediate Course Descriptions

English Language Arts/ESL

English Language Arts and Reading – 6th grade

ID: 02800000

This course provides instruction and practice in reading and writing a variety of literary and informational modes and genres to enhance students' language skills. Comprehension, writing, vocabulary, and research skills are developed through guided and independent activities, technology applications, listening, and speaking. Students learn grammar, punctuation, and mechanics within the context of reading and writing.

Reading Intervention – 6th grade

ID: 03273410

This course offers students opportunities to read with competence, confidence, and understanding through instruction and engagement in word recognition, vocabulary, fluency, and comprehension activities. Students will read independent and instructional level materials for varied purposes and respond to texts both orally and in writing.

COURSE NOTE: Students are placed in this course by the RtI or 504 Committee based on evaluation data.

Reading Enhancement – 6th grade

ID: LOCAL

This course offers students opportunities to develop skills to read with competence, confidence, and understanding through instruction and engagement in word recognition, vocabulary, fluency, and comprehension activities.

COURSE NOTE: Students are placed in this course by the RtI or 504 Committee based on evaluation data.

English as a Second Language – Elective – 6th grade

ID: 02940000

ELL students are at different stages of language acquisition. Language proficiency levels are not grade specific. This course develops an understanding of English. Students engage in numerous language and cultural activities that build on their prior knowledge and skills to develop and strengthen their listening, speaking, reading, and writing skills.

COURSE NOTE: Students are placed in this course by the LPAC Committee based on the student's level of English proficiency.

Mathematics

Mathematics – 6th grade

ID: 02820000

The primary focal points at Grade 6 are using ratios to describe direct proportional relationships involving number, geometry, and measurement; also included, applying addition, subtraction, multiplication, and division of decimals, fractions, and integers.

Mathematics – Advanced – 6th grade

ID: 02820000

Acceleration and in-depth study of mathematical concepts for specific sixth and seventh grade TEKS are addressed in this course. Students will take the 6th grade STAAR test.

Mathematics – Intervention – 6th grade

ID: LOCAL

Students will have an opportunity to strengthen math skills in this course.

COURSE NOTE: Students are placed in this course by the RtI or 504 Committee based on evaluation data.

Science**Science – 6th grade**

ID: 02830000

Strands included in Science are Scientific Investigation and Reasoning, Matter and Energy, Force, Motion, and Energy, Earth and Space, and Organisms and Environments. It is interdisciplinary in nature with a content focus on physical science. Students conduct laboratory and field investigations at least 40% of the time.

Social Studies**World Cultures – 6th grade**

ID: 02870000

This course includes the study of people and places of the contemporary world using a regional thematic approach. Primary and secondary source materials, reading and writing skills, technology, and critical thinking will be used to acquire and apply information.

Physical Education**Physical Education – 6th grade**

ID: 02850000

Students will develop fitness knowledge and motor skills basic to efficient movement that promote healthy lifestyle choices and improve the quality of student's lives.

Fine Arts**Art – Beginning**

ID: 03154110

This course extends the learning of basic elements of art and principles of design, art history, and art appreciation. Students design, develop, and create art using a variety of media.

Band - Beginning

ID: 03154130

Students will be placed in specific instrument classes within the brass, woodwind, and percussion families. Students will develop basic musical literacy skills while learning to play their respective wind or percussion instruments in preparation for a sequential experience in a full band setting in subsequent years. With the goal of student success throughout their band

career, students will be screened for placement on an instrument based on their physical characteristics, preference, and maintaining a balanced instrumentation.

COURSE NOTE: Fees are required to participate in this course, but the band director will work with students who need financial assistance.

Choir – Beginning

ID: 03154131

Students will learn choral reading techniques, ear training, vocal production, solfege, and basic theory.

Theatre Arts – Beginning

ID: 03154140

First year students explore elements of drama and conventions of theatre, interpret characters, voice and body expression and the relationship of theatre to history, society, and culture.

Elective

Leadership – Beginning - 6th grade

ID: LOCAL

This course will provide students with the basic knowledge of becoming a positive leader in school and society.