



2024-2025

Course Selection Guide

Huntsville
High School

Mance Park
Middle School



The district website, www.huntsville-isd.org, contains the current year course selection guide, including any revisions after printing, as well as previous course selection guides for student/parent reference.

www.huntsville-isd.org

The Huntsville Independent School District does not discriminate on the basis of race, religion, color, national origin, sex or disability in providing education or providing access to benefits of education or providing access to benefits of education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended; and Title II of the Americans with Disabilities Act. Mr. Bill Roberts, Assistant Superintendent, at (936) 435-6300, has been designated to coordinate compliance with these legal requirements.



Huntsville Independent School District

441 FM 2821 East, Huntsville, TX 77320

936-435-6300

Dear Hornet Parents and Students:

The Secondary School Course Selection Guide has been prepared to assist students in making wise decisions concerning programs and course choices during their secondary school years. Parents are urged to visit with their children and assist them in making proper course choices. Parents, students and counselors working together can develop a quality educational plan that will lead to success in school and life. Carefully reviewing this selection guide is step one in a well-developed plan.

In Huntsville ISD, we are focused on Building Champions - Everyone, Every Day. With thoughtful planning, along with strong communication with teachers, counselors, and administrative staff, our parents and students will be well on their way to achieving success at Mance Park Middle School, Huntsville High School, and beyond.

Sting 'em,

A handwritten signature in black ink, reading "L. Scott Sheppard".

L. Scott Sheppard, Ed.D.
Superintendent



www.huntsville-isd.org

The Purpose of the Secondary Course Selection Guide



The Guide has 3 sections that include:

- General Information for all secondary students and parents;
- Middle School Information and course descriptions;
- High School information, including graduation programs, course descriptions, and Career and Technical Education course descriptions.

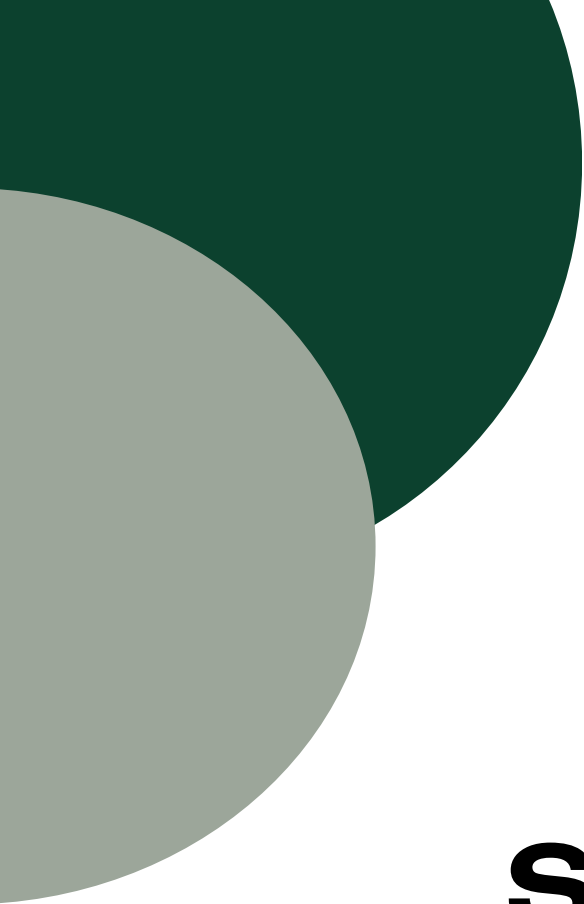
The Secondary School Information Guide contains important information for students on how they can be successful in middle and high school. The guide highlights Huntsville ISD's policies, rules and regulations that apply to secondary school students and it provides detailed information about the courses offered. Most importantly, the Guide offers the information you will need to plan the courses you will take to graduate from high school and be accepted and successful at the college you choose and in your desired career.

There are several ways to use this guide. First, you may identify topics that interest you from the Table of Contents and go directly to them. Second, you may want to read the general information section all the way through and the sections that apply to you regarding middle school or high school. Third, you will need to refer to the descriptions of the courses as you select your schedule for the next academic year.

You should look ahead at the classes that are necessary to meet graduation requirements. Many of those classes have prerequisite courses that you must take in your freshman, sophomore or junior year. If you get to your senior year without taking the prerequisites, you will not be able to take the higher-level courses and possibly not have the credits you will need to graduate. So plan ahead! Your counselor and teachers can help you select the right classes to take so that you will be able to graduate well prepared for college and for the career of your choice.

Table of Contents ●●●

SECTION I: General Information for Secondary School Students & Parents	5
SECTION II: Middle School Course Descriptions	17
ENGLISH LANGUAGE ARTS	17
MATHEMATICS	18
SCIENCE	19
SOCIAL STUDIES	20
FINE ARTS	21
PHYSICAL EDUCATION & ATHLETICS	24
FOREIGN LANGUAGES	25
CTE – SCIENCE, TECHNOLOGY, ENGINEERING, ARTS & MATH	26
CTE – AGRICULTURE SCIENCE.....	27
SECTION III: High School Course Descriptions.....	28
ENGLISH	30
JOURNALISM	33
MATHEMATICS	35
SCIENCE	39
SOCIAL STUDIES	44
ATHLETICS	49
FINE ARTS	58
LANGUAGES OTHER THAN ENGLISH	73
GENERAL ELECTIVES.....	77
CTE ELECTIVES.....	80
CTE – BUSINESS, MARKETING & FINANCE.....	82
CTE – AGRICULTURE, FOOD, and NATURAL RESOURCES CAREER CLUSTER.....	85
CTE – TRANSPORTATION.....	89
CTE – ARCHITECTURE & CONSTRUCTION.....	90
CTE – ARTS & MEDIA.....	91
CTE – LAW & PUBLIC SERVICE.....	94
CTE – SCIENCE & TECHNOLOGY.....	96
CTE – HOSPITALITY & TOURISM.....	98
CTE – MANUFACTURING	100
CTE – HEALTH SCIENCE.....	102
CTE – EDUCATION & TRAINING.....	103
CTE – HUMAN SERVICES.....	105
COURSE INFORMATION.....	107
COURSE SEQUENCES LEADING TO AP-LEVEL COURSES	110
QUESTIONS.....	113



Section 1

General Information

for Secondary Schools



Students & Parents

Huntsville ISD Disclaimer:

The contents of the Secondary Course Selection Guide are relevant to HISD Policy (Legal and Local), Regulation and Practice as of October 2017. For current information regarding district policy please refer to the Huntsville Independent School District website at www.huntsville-isd.org or visit with your school counselor.

Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. After discussing the matter, if the concern continues, the principal should be contacted.



Planning Your Course of Study

Planning your course of study during junior high and high school is an important step in planning your future. The decisions you make, along with the course of study you pursue, will affect your post-secondary plans, including college and career readiness.

College students change their majors an average of three times. This is typical, and you will probably reconsider your career goals several times. The decisions you make now, regarding both your program of study and the activities in which you engage, will impact your options beyond high school. It is best to pursue a broad, well-rounded program of study that will prepare you for a variety of opportunities. Huntsville ISD offers a wide range of programs designed to give our students a firm foundation for entering college, business or technical school, military services, or the workforce. As a student, you are strongly encouraged to pursue a rigorous, challenging program that is best suited for your needs.

Scheduling Process

This course planning guide contains a brief description of every course offered, as well as grade level requirements for specific courses and any possible prerequisites. Elective courses are offered as a result of student interest. If there is insufficient enrollment for a course, or certified teachers are not available to teach the course, the course will not be offered, and an alternate listed on the student's pre-registration form will be used.

Course Fees

Certain courses require a fee to cover the cost of materials, projects, etc. beyond normal school supplies. Course descriptions will note when a fee is required. All online courses require an additional fee. In some cases, arrangements can be made for payment plans. Contact your school for information. Required fees are noted along with descriptions of courses.

For Students Entering High School in Years 2019-2020 & Beyond

Grade Weighting Table

Numerical Grade	Table I Advanced	Table IA Honors (for transfer students only)	Table II Academic
100	6.0	5.5	5.0
99	5.9	5.4	4.9
98	5.8	5.3	4.8
97	5.7	5.2	4.7
96	5.6	5.1	4.6
95	5.5	5.0	4.5
94	5.4	4.9	4.4
93	5.3	4.8	4.3
92	5.2	4.7	4.2
91	5.1	4.6	4.1
90	5.0	4.5	4.0
89	4.9	4.4	3.9
88	4.8	4.3	3.8
87	4.7	4.2	3.7
86	4.6	4.1	3.6
85	4.5	4.0	3.5
84	4.4	3.9	3.4
83	4.3	3.8	3.3
82	4.2	3.7	3.2
81	4.1	3.6	3.1
80	4.0	3.5	3.0
79	3.9	3.4	2.9
78	3.8	3.3	2.8
77	3.7	3.2	2.7
76	3.6	3.1	2.6
75	3.5	3.0	2.5
74	3.4	2.9	2.4
73	3.3	2.8	2.3
72	3.2	2.7	2.2
71	3.1	2.6	2.1
70	3.0	2.5	2.0

Courses Receiving Grade Weighting

Students beginning high school in the school year 2014-2015 and thereafter will be required to take courses the meet, at minimum, the Foundation High School Plan. Their GPA will be determined from the classes they take that meet the following plan requirements:

English I, English II, English III, An advanced English course
Algebra I, Geometry, Advanced Math courses
Biology, IPC, Advanced Science Courses
World Geography or World History, US History, US Government, Economics
Foreign language courses or Computer Science courses

Any additional classes that meet the requirements for one of the 16 required core classes or languages other than English would count towards GPA.

Courses Receiving No Grade Weighting and Not Included in Determining Class Rank

Physical Education
Athletics
Cheerleading
Cooperative work periods
Local credit courses
Correspondence courses
Distance learning
Credit by edamination, with prior instruction
Courses taken at a college or university for college credit only
A course for which a pass/fail is assigned
Fine arts courses
Driver's Education courses
Inter Disciplinary Studies Seminars

Below 70 = No Grade Points



Student Classification & Promotion

Freshman	-----	0-5.5 Credits
Sophomore	-----	6.0-11.5 Credits
Junior	-----	12.0-18.5 Credits
Senior	-----	19 and Above Credits

Credits required for students entering HHS are:

10th Grade: 6.0 Credits

11th Grade: 12.0 Credits

12th Grade: 19.0 Credits

To be promoted from one grade level to the next, the student must have met the following criteria:

1. From the ninth grade, a student must have acquired the credits above, including one credit of English and one credit of mathematics.
2. From the tenth grade, a student must have acquired the credits above, including two credits of English and two credits of mathematics.
3. From the eleventh grade, a student must have acquired the credits above, including three credits of English and three credits of mathematics.
4. To graduate, a twelfth-grade student must satisfy the required state assessments in addition to meeting all graduation requirements.

Academic Programs

Huntsville Independent School District provides opportunities for students to advance in their academic program by offering challenging courses at every level. Course offerings are described in detail later in this course planning guide.

Level Courses

The content and requirements of these courses will provide preparation for college while also meeting the needs of students entering the workforce. See course descriptions for details. Course content meets the requirements outlined in the Texas Administrative Code and district guidelines.

Pre-Advanced Placement Courses

Pre-Advanced Placement courses shall provide activities to expand the regular curricula. Students enrolled in Pre-Advanced Placement courses are not eligible for advanced course grade waivers. Students should expect to work in much greater depth requiring significant amounts of homework and/or study.

Because of the difficulty level and additional course requirements, it is strongly recommended that students give serious consideration to the number of Advanced Placement courses taken.

Advanced Placement (AP)

AP Courses are the most advanced and rigorous academic courses offered by the district. This program gives students the opportunity to pursue college-level studies while still in secondary school and to receive advanced placement credit (dependent upon taking the AP test and achieving an acceptable score for individual colleges/universities) upon entering college.

All AP Courses have received College Board authorization. For more information refer to www.collegeboard.com. Students should plan for 1 to 2 hours of homework per day per course. Students enrolled in AP Courses are expected to take the College Board Advanced Placement Tests in May.

Special Education

In compliance with 19 TAC Chapter 75 and the Individuals with Disabilities Education Act (IDEA), students with special education needs are provided a well-balanced curriculum. Students receive instruction in the essential knowledge and skills, defined by the state curriculum guidelines, in a manner appropriate to their individual needs. Placement is determined by an Admissions, Review, and Dismissal (ARD) Committee and based on the least restrictive environment in which the student can operate successfully. The continuum of services offered in grades 9-12 includes the following: Mainstream, Co-Teaching, Inclusion Support, Resource, Self-Contained Specialty Classrooms, and Vocational Academic Cooperative Programs.

Counseling Staff

Mrs. Stringer, Lead Counselor T-3

mstringer@huntsville-isd.org

Mrs. Quirino, A-C

jrsquirino@huntsville-isd.org

Mrs. Williams, D-H

dlwilliams@huntsville-isd.org

Mrs. McNeel, I-N

sbmccneel@huntsville-isd.org

Mrs. Vossler, O-S

kvossler@huntsville-isd.org

Mrs. Shaw, College & Career

dshaw@huntsville-isd.org



Academic Programs Continued

Dual Credit

Huntsville High School has a dual credit agreement with Lone Star College System which allows high school juniors and seniors who demonstrate college readiness on a placement exam to earn high school and college credits concurrently by attending classes on the HHS campus, with the Principal's approval. Many of these classes are transferable to public colleges/universities in Texas; some are accepted by out-of-state and private colleges. It is the student's responsibility to contact individual universities to determine if credits transfer.

Gifted and Talented

Pre-Advanced Placement and Advanced Placement at the 9th and 10th grade level and Advanced Placement at the 11th and 12th grade level serve the gifted and talented students. Information regarding testing for Gifted and Talented placement may be obtained in the counseling office.

Schedule Change Process

Huntsville High School and Mance Park are pleased to be able to offer a wide variety of programs and courses for our students. Selections during registration indicate how many teachers and sections will be needed for a course. Master schedules are developed in the spring prior to the upcoming year. The process allows administrators to plan and to hire for optimum academic strength. When students are permitted to randomly change schedules, teachers and classrooms are not effectively utilized. As a result, all students are affected and even the most effective planning is compromised. Very seldom does a single course change affect only one course. Careful selections benefit everyone. Thank you for being a crucial part of our educational team as we work together for academic excellence. Change-of-mind schedule changes after the 5th day of instruction will not be permitted.

Registration

- Parent and student informational meetings will be held during spring registration.
- Students will be guided through course selection during individual conferences to confirm course selection.
- Students who do not submit a registration form will have a schedule arranged for them by their counselor according to their academic needs and/or graduation plan.

Add/Drop Date

Change-of-mind schedule changes after the 5th day of instruction will not be permitted.

Guidelines for changes after add/drop date

- During the first week of school, only schedule changes pertaining to graduation plans, scheduling conflicts, and/or computer errors will be addressed. Examples: (1) Student signed up for Pre-AP Geometry and was scheduled into On Level Geometry (2) Student successfully completed a course during summer school which is currently on the schedule (3) Student failed a prerequisite course.
- For requests to move down a level, the student must complete and submit HHS Level Change Form which documents (1) current grade average in class (2) verification of tutorial attendance and (3) student/parent/teacher conference. The grade earned in the current class will be the grade the student begins with in the new class. Requests for same level moves will not be taken.

Eligibility for Extracurricular Activities

All students are eligible the first six weeks of the school year provided:

- Students are promoted from a lower grade the previous year (not a repeating ninth grader). This would include first-time ninth graders promoted by a Grade Placement Committee.
- Second year high school students must have at least five (5) state credits which count toward state high school graduation requirements.
- Third year high school students must have at least ten (10) state credits which count toward state high school graduation credits or five (5) state credits the previous school year which count toward state high school graduation requirements.
- Fourth year students must have at least fifteen (15) state credits or five (5) state credits the previous school year which count toward state high school graduation requirements.
- Students may not drop courses in order to regain eligibility under the “no pass, no play” rule. Students who drop a course with a failing grade after the fourth week of a grading period shall be ineligible for a minimum of three weeks.
- Students enrolled in Pre-AP, AP or Dual Credit courses are offered a one-time per year exemption from UIL eligibility rules to be approved by the principal.

At the end of the first six-weeks, any student receiving a grade below a 70 in any class (except those identified as Advanced - see list below) is ineligible until the end of the next three-week progress reporting period. If passing all classes at that time, the student will regain eligibility. From that point forward, students may lose eligibility at the end of each six-weeks.

- At the end of a semester, eligibility of the student is determined by the six-weeks grade, not the semester exam or the semester average.
- Eligibility can be regained at the three-week progress reporting period if the student is passing all classes with a 70 or better.
- There is a one-week grace period before a student loses or regains eligibility
- Students who score below a 70 in certain advanced courses (listed below) may petition the principal for an Appeal for Exemption for Eligibility to Participate in Extracurricular Activities waiver. All decisions of the principal are final.

For additional information regarding No Pass, No Play consult the TEA - UIL Side by Side at <http://www.utexas.edu/admin/uil/>.

Huntsville ISD courses which may be waived in accordance with campus procedures and with principal approval may include Advanced Classes Identified for No Pass, No Play Exemption.

Junior High students are not eligible to waive courses.

Important Information For the Class of 2024

High School Graduation Requirements

Beginning with the graduating class of 2018, Texas high school students will have the opportunity to complete one of three graduation options: Foundation, Foundation plus Endorsement, or Distinguished Level of Achievement.

With the more to these new graduation options comes new course requirements; particularly with regard to mathematics. Only students who choose to complete the Distinguished Level of Achievement or the STEM endorsement within the Foundation plus Endorsement option will be required to complete Algebra II. *Yet, Algebra II is still required for admission to most public colleges and universities in Texas.*

In general, students must pass (Approaches Grade Level) five STAAR EOC assessments—Algebra I, English I, English II, Biology, and U.S. History—to earn a high school diploma from a Texas public or charter school as required in TEC §39.025.

Will You Still Have The Math To Get You To College?

Reminder: Not all new graduation options require Algebra II, but as stated above, most Texas public colleges and universities still do.

Your High School Graduation Options

Foundation (22 Credits)

English - 4 credits
Science - 3 credits
Mathematics - 3 credits
Social Studies - 3 credits
Physical Education - 1 credit
Language (not English) - 2 credits
Fine Arts - 1 credit
Electives - 5 credits

22 Credits

Foundation plus Endorsement (26 Credits)

English - 4 credits
Science - 4 credits
Mathematics - 4 credits
Social Studies - 3 credits
Physical Education - 1 credit
Language (not English) - 2 credits
Fine Arts - 1 credit
Electives - 7 credits

26 Credits

Requires Algebra II

Distinguished Level of Achievement (26 Credits)

English - 4 credits
Science - 4 credits
Mathematics - 4 credits
Must include Algebra II
Social Studies - 3 credits
Physical Education - 1 credit
Language (not English) - 2 credits
Fine Arts - 1 credit
Electives - 7 credits

26 Credits

**NOT ELIGIBLE
for admission to
Texas public universities**

**Only STEM
endorsement requires
Algebra II**

**ELIGIBLE
for Top 10% automatic
admission to Texas
public universities**

**ELIGIBLE for admission
to Texas public
universities
IF YOU COMPLETE
ALGEBRA II**

If you intend to complete either the **FOUNDATION** or the **FOUNDATION PLUS ENDORSEMENT** option, *talk to your guidance counselor about adding Algebra II.*

HUNTSVILLE HIGH SCHOOL FOUR-YEAR PLAN

Name: _____ Parent Signature _____ ID#: _____

School: Huntsville High School Grade: _____ Date Initiated: _____ Date(s) Amended: _____

The Four-Year Plan is intended to give you and your parent(s) a guide to use as you progress through high school. You will want to review the plan each year to make sure you are taking the required courses for graduation. Your counselor will have sample Career Plans of Study for each of the Endorsements that are listed on this page. You may use these as guides to help you select courses that support your career goals.

Endorsement:

- ☐ STEM
- ☐ Business and Industry
- ☐ Arts and Humanities
- ☐ Public Services
- ☐ Multidisciplinary Studies

My Graduation Plan

Type is:

- ☐ Foundation
- ☐ Foundation w/Endorsement
- ☐ Distinguished

My Post High School plans will take me to:
(Check as many as apply):

- ☐ Two Year College
- ☐ Technical Training
- ☐ Four Year College
- ☐ Employment
- ☐ Military
- ☐ Other

Graduation Plans 2019-2020

	Foundation	+Endorsement(s)	Distinguished
Discipline	Credits	Credits	Credits
English	4		
Math	3	1	Algebra II
Science	3	1	
Social Studies	3		
Foreign Language	2		
Fine Arts	1		
Physical Education	1		
Electives	5	2	
Total Credits for Graduation:	22	26	26

Junior High	9 th Grade	10 th Grade	11 th Grade	12 th Grade
	English I / Pre-AP	English II / Pre-AP	English III / AP	English IV / AP or Dual Credit English College Prep
Algebra I	Algebra I / Pre-AP Geometry / Pre-AP	Geometry / Pre-AP Algebra II / Pre-AP	Algebra II / Pre-AP Pre-Cal / Pre-AP	Pre-Cal / Pre-AP Algebra II / Pre-AP AP Calculus /Business Statistics / Engineering Math/College Readiness Math
	Biology / Pre-AP	Chemistry / Pre-AP	Physics / Pre-AP Principles of Technology	Physics / Pre-AP / AP Anatomy & Physiology/ Food Science Forensic Science /Aquatic Science/ Adv. Animal Science/Plant & Soil Science/ Astronomy/Earth & Space Science/ AP or DC Biology/Engineer Des.
	World Geography / Pre AP World History	World History / AP World History	U.S. History / AP	Government / AP / Dual Credit Economics/ AP / Dual Credit
Spanish I	FL (2) French, German, Spanish			
	Fine Art (1) Art, Choir, Band, Dance			
	PE (1) Athletics, Team Sports			

For NCAA Division I and II Institutions

National Collegiate Athletic Association (NCAA) Bylaw 5-1-(j) -- Students entering NCAA Division I and II institutions as freshman who wish to receive financial aid and wish to practice and compete on an intercollegiate level must be certified by the Eligibility Center. To be certified by the Eligibility Center, students must:

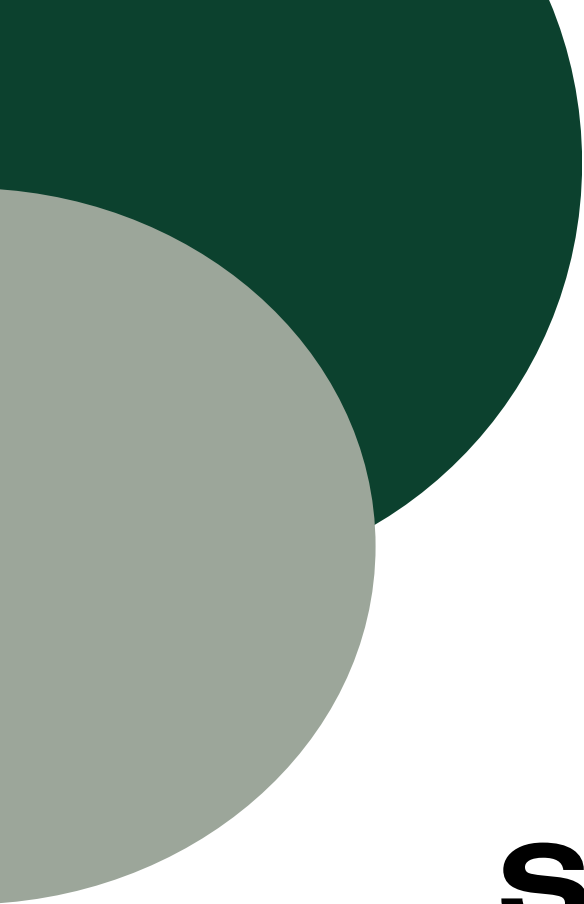
1. **Graduate from high school.** You should apply for certification during your junior year of high school if you are sure you wish to participate in athletics at the college level. The Eligibility Center will issue a preliminary certification report when you have had all your material submitted. After you graduate, the Eligibility Center will review your final transcript to make a final certification decision according to NCAA standards. Apply for certification at www.eligibilitycenter.org.
2. **Earn a grade-point average of at least 2.3** (on a 4.0 scale) in a core curriculum of at least 16 (Division I) or 14 (Division II) academic courses which were successfully completed during grades 9 through 12. Only courses that satisfy the NCAA definition of a core course can be used to calculate your NCAA GPA. No special values are allowed for "+" or "-" grades. The chart below shows what your core courses must include at a minimum.

Core Units Required for NCAA Certification

NCAA Division I require 16 core courses. NCAA Division II currently requires 14 core courses. *Division II will require 16 core courses for students enrolling on or after August 1, 2013. See charts below.*

	Division I 2008 & after	Division II	Division II (2013 & after)
English Core	4 years	3 years	3 years
Math Core	3 years	2 years	2 years
Science Core	2 years	2 years	2 years
Social Science Core	2 years	2 years	2 years
From English, Math or Natural/Physical Science	1 year	2 years	3 years
Additional Core (English, Math, Science, Foreign Languages, Non- doctrinal Religion)	4 years	3 years	4 years
TOTAL CORE UNITS REQUIRED	16	14	16

1. **Have a core-course GPA and a combined score on the SAT Verbal & Math sections or a sum score on the ACT based on the qualifier index scale.** The qualifier index can be found at www.eligibilitycenter.org and/or in the NCAA Guide for College Bound Student Athlete located in your guidance counselor's office.
2. **Receive certification of amateur status.** When registering for the Eligibility Center, you must complete the Amateurism Survey found at www.eligibilitycenter.org.
3. **NCAA Division I will require 10 core courses** to be completed prior to the seventh semester (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements). These 10 courses become "locked in" at the seventh semester and cannot be retaken for grade improvement.



Section 2

Middle School Course Descriptions



Students & Parents

Huntsville ISD Disclaimer:

The contents of the Secondary Course Selection Guide are relevant to HISD Policy (Legal and Local), Regulation and Practice as of October 2017. For current information regarding district policy please refer to the Huntsville Independent School District website at www.huntsville-isd.org or visit with your school counselor.

Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. After discussing the matter, if the concern continues, the principal should be contacted.



English Language Arts

ENGLISH LANGUAGE ARTS 7

Course #: M271 1 year Grades: 7

Students build on previously learned skills while focusing on five curricular strands: Reading, where students read and understand a wide variety of literary and informational texts; Writing, where students compose a variety of written texts with a clear controlling idea, coherent organization, and sufficient detail; Research, where students are expected to know how to locate a range of relevant sources and evaluate, synthesize, and present ideas and information; Listening and Speaking, where students listen and respond to the ideas of others while contributing their own ideas in conversations and in groups; and Oral and Written Conventions, where students learn how to use the oral and written conventions of the English language in speaking and writing. Students will read and write across literary and informational genres. Expository writing is emphasized.

PRE-AP LANGUAGE ARTS 7

Course #: M272 1 year Grades: 7

This course focuses on the same strands as English Language Arts, grade 7 (see above), but also emphasizes advanced reading, analytical reasoning skills and expository writing to prepare students for the Pre-Advanced Placement program in high school. Summer reading is required. Reading lists are posted each spring on the district website.

ENGLISH LANGUAGE ARTS 8

Course #: M281 1 year Grades: 8

Students build on previously learned skills while focusing on five curricular strands: Reading, where students read and understand a wide variety of literary and informational texts; Writing, where students compose a variety of written texts with a clear controlling idea, coherent organization, and sufficient detail; Research, where students are expected to know how to locate a range of relevant sources and evaluate, synthesize, and present ideas and information; Listening and Speaking, where students listen and respond to the ideas of others while contributing their own ideas in conversations and in groups; and Oral and Written Conventions, where students learn how to use the oral and written conventions of the English language in speaking and writing. Students will read and write across literary and informational genres.

PRE-AP ENGLISH LANGUAGE ARTS 8

Course #: M282 1 year Grades: 8

This course focuses on the same strands as English Language Arts, grade 8 (see above), but also emphasizes advanced reading, analytical reasoning skills and expository writing to prepare students for the Pre-Advanced Placement program in high school. Summer reading is required. Reading lists are posted each spring on the district website. Students enrolled in this course will take 8th grade Reading STAAR Test.



Mathematics

ALGEBRA 1

Course #: J386 1 year Grades: 8

Some eighth-grade students may choose to take Algebra I, which is a high school credit course. Students who complete any high school mathematics courses in grades 7 and/or 8 may use the credit earned to satisfy the requirement of four units of mathematics in grades 9-12. Grades earned in high school courses taken in middle school are not included in the high school GPA. NOTE: Entering freshmen must take four years of high school mathematics courses to include Algebra I, Geometry and Algebra II. The Math Modeling with Applications course, if taken, must occur before Algebra II.

MATH 7

Course #: M371 1 year Grades: 7

Throughout mathematics in Grades 7 students 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.

PRE-AP MATH 7

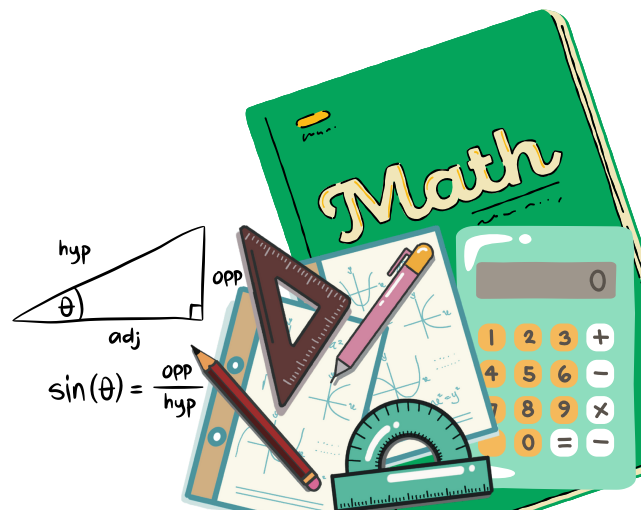
Course #: M372 1 year Grades: 7

Throughout mathematics in Grade 7 students 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. Students enrolled in this course will take the 8th grade Math STAAR Test.

8TH MATH-PRE ALGEBRA

Course #: M381 1 year Grades: 8

Throughout mathematics in Grade 7 students 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.



Science

SCIENCE 7

Course #: M471 1 year Grades: 7

Science is a course of study coordinating the thematic instruction across the science discipline of biology. The curriculum has a balance of content and activities that guides students toward the discovery of the basic principles, with a focus on organisms and the environment, and the processes involved. The curriculum includes natural events and human activities that impact Earth, components of the solar system, ecology, structure/function of cells and body systems, response to stimuli, and genetics. The study of science includes conducting field and laboratory investigations using scientific methods for analyzing data to make informed decisions.

PRE-AP SCIENCE 7

Course #: M472 1 year Grades: 7

This course is for students who are highly motivated and interested in a rigorous science program. PRE-AP Science 7 incorporates the Science 7 curriculum and allows students to construct their own understanding through an inquiry-based approach while encouraging advanced skills, in-depth discussion, more comprehensive lab work and increased independent study. Class assignments and activities build on and expand higher level thinking skills of analysis, synthesis, evaluation, and integrate units that promote scientific connections and connections with other disciplines. Special projects are assigned during the year, which require individual research on the Internet or at a local library. Classroom presentations are expected. This course will help prepare students to take PRE-AP science 8. Students enrolled in this course will take the 8th grade Science STAAR Test.

SCIENCE 8

Course #: M481 1 year Grades: 8

Students learn concepts in an integrated approach of life, earth, and physical sciences with an emphasis on inquiry-based field and laboratory investigations. A unit in personal health and sexuality is included at each grade level.

PRE-AP SCIENCE 8

Course #: M482 1 year Grades: 8

Students learn concepts in an integrated approach of life, earth, and physical sciences with an emphasis on inquiry-based field and laboratory investigations. A unit in personal health and sexuality is included at each grade level.



Social Studies

SOCIAL STUDIES 1

Course #: M571 1 year Grades: 7

Students will gain a comprehensive understanding of the development of Texas from exploration to the present, concentrating on the themes of environment, diversity of its people, significant historical events, and the dynamics of change. Students will learn how physical features and natural resources of Texas have affected patterns of settlement and economic development. Through reading, writing, and discussion, students will develop skills in analyzing social studies relationships, interpreting data, forming generalizations and conclusions, and applying problem solving and critical thinking skills.

PRE-AP SOCIAL STUDIES 7

Course #: M572 1 year Grades: 7

This course is for students who are highly motivated and interested in a rigorous Social Studies program. PRE-AP social studies covers the grade 7 content including Texas History and geography. Students will read extensively from primary and secondary sources, analyze issues and events, prepare oral and written presentations, and develop projects based on individual and group research. The course will include writing for the purpose of historical analysis and help prepare students to take Social Studies Advanced Placement courses in high school. Outside reading may be required. Students enrolled in this course will take the 8th grade Social Studies STAAR Test.

SOCIAL STUDIES 8

Course #: M581 1 year Grades: 8

Students study the history of the United States from Exploration through Reconstruction. Historical content focuses on the political, economic, and social events during this period. Students examine the American beliefs and principles reflected in the U.S. Constitution and other historical documents. They study the rights and responsibilities of citizens of the United States as well as the importance of effective leadership in a democratic society.

PRE-AP SOCIAL STUDIES 8

Course #: M582 1 year Grades: 8

This course is for students who are highly motivated and interested in a rigorous Social Studies program. The purpose of the PRE-AP Social Studies grade 8 course is to develop a deeper understanding of America's history from Exploration through Reconstruction. Students will read extensively from primary and secondary sources, analyze issues and events, conduct in-depth research, prepare oral and written presentations, and develop projects based on individual and group research. The course will include writing for the purpose of historical analysis and help prepare students to take social studies Advanced Placement courses in high school. Outside reading may be required.



Fine Arts

ART 7

Course #: M872V 1 year Grades: 7

Art is a general introduction to art based on an understanding and an application of the fundamentals of the elements and principles of design.

ART 8

Course #: M882V 1 year Grades: 8

Art is a general introduction to art based on an understanding and an application of the fundamentals of the elements and principles of design.

This is the second course in the sequence.

CONCERT BAND

Course #: M110 1 year Grades: 7

Students are introduced to the fundamentals of band instruments.

Students are required to furnish their own instruments. However, some instruments may be available for use. Rapidly progressing students may be transferred to a more advanced band level as scheduling permits.

Out-of-school rehearsals and performances are required.

CADET BAND

Course #: M111 1 year Grades: 7-8

Students are introduced to the fundamentals of band instruments.

Students are required to furnish their own instruments. However, some instruments may be available for use. Rapidly progressing students may be transferred to a more advanced band level as scheduling permits.

Out-of-school rehearsals and performances are required.

SYMPHONIC WINDS

Course #: M112 1 year Grades: 7-8

Orchestra is offered at three levels of instruction. Students furnish violins and the school provides violas, cellos, and string basses. Basic fundamentals of stringed instruments are introduced, and rapidly progressing students may be transferred to a more advanced orchestra as scheduling permits. Out-of-school rehearsals and performances are required. String players must be enrolled in a regular orchestra class to participate in other specialized instrumental ensembles, such as Mariachi.

WIND ENSEMBLE

Course #: M113 1 year Grades: 7-8

Students are introduced to the fundamentals of band instruments.

Students are required to furnish their own instruments. However, some instruments may be available for use. Rapidly progressing students may be transferred to a more advanced band level as scheduling permits.

Out-of-school rehearsals and performances are required.



Fine Arts Cont.

SYMPHONIC BAND

Course #: M114 1 year Grades: 7-8

Orchestra is offered at three levels of instruction. Students furnish violins and the school provides violas, cellos, and string basses. Basic fundamentals of stringed instruments are introduced, and rapidly progressing students may be transferred to a more advanced orchestra as scheduling permits. Out-of-school rehearsals and performances are required. String players must be enrolled in a regular orchestra class to participate in other specialized instrumental ensembles, such as Mariachi.

PERCUSSION

Course #: M115 1 year Grades: 7-8

Students are introduced to the fundamentals of band instruments. Students are required to furnish their own instruments. However, some instruments may be available for use. Rapidly progressing students may be transferred to a more advanced band level as scheduling permits. Out-of-school rehearsals and performances are required.

CHOIR, GRADE 7

Course #: M117/119 1 year Grades: 7

This course is a performance-oriented course and teaches unison, two, three and four-part choral literature. Musicianship is developed through the study of vocal techniques, sight-reading skills, and music listening. Out-of-school rehearsals and public performances are required.

YEARBOOK

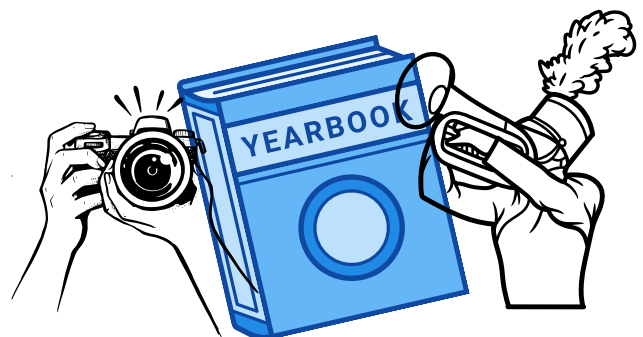
Course #: M720/M820 1 year Grades: 7-8

In this course, students will write articles, feature stories, editorials and headlines. Students will also learn about the various ways of reporting.

PHOTO JOURNALISM

Course #: M175/M185 1 year Grades: 7-8

This course is designed for students interested in photography positions and includes the study of journalistic photography, camera techniques, film and print developing and photo composition. Students will learn how to shoot and edit video and will be responsible for processing of photos.



Fine Arts Cont.

CHOIR, GRADE 8

Course #: M116/M1180 1 year Grades: 8

This course is a performance-oriented course and teaches unison, two, three and four-part choral literature. Musicianship is developed through the study of vocal techniques, sight-reading skills, and music listening.

Out-of-school rehearsals and public performances are required.

THEATRE 1 FOR MIDDLE SCHOOL

Course #: M892 1 year Grades: 7-8

Theatre Arts I is an introduction to the theatre. It includes expressive use of the voice and body, acting concepts and skills, theatre production and appreciation of live theatrical events.

INTRO TO DANCE 1

Course #: M793/M893 1 year Grades: 7-8

Dance is a performance organization. This course stresses all aspects of dance.



Physical Education & Athletics

GIRLS ATHLETICS

Course #: M103 1 year Grades: 7-8

Students will participate in athletic activities during this class, which can be substituted for a physical education credit. Students will learn grade level Physical Education curriculum during the off-season.

BOYS ATHLETICS

Course #: M104 1 year Grades: 7-8

Students will participate in athletic activities during this class, which can be substituted for a physical education credit. Students will learn grade level Physical Education curriculum during the off-season.

7TH PHYSICAL EDUCATION

Course #: M101/M102 1 year Grades: 7

Students in 7th grade physical education will apply similar concepts from one sport or movement setting to another. At this grade level, students are expected to participate in physical activity both in and out of school while maintaining a healthy level of fitness as their bodies grow and change. Instruction is directed toward encouraging the incorporation of physical activity into a daily routine and less toward fundamental skill development.

8TH PHYSICAL EDUCATION

Course #: M101/M102 1 year Grades: 8

Students in 8th grade physical education will continue to understand the need to remain physically active throughout life by participating in enjoyable lifetime activities in and out of school. Students will be able to demonstrate higher-level movement skills, strategies and tactics within game play. Students will learn the components of fitness.



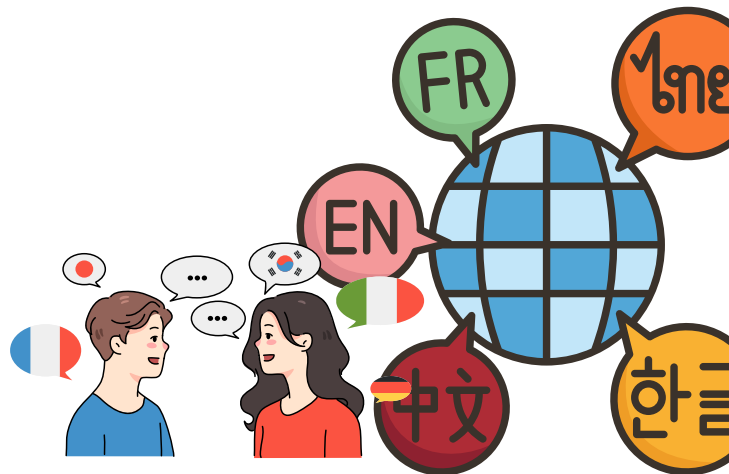
Foreign Languages

SPANISH 1

Course #: J731 1 year Grades: 8

High School Credit Course

Courses offer sequential language instruction in speaking, listening, reading, and writing. Students also learn about the culture of the country or countries where the language is spoken.



CTE - Science, Tech, Engineering, Arts & Math

TOUCH SYSTEM DATA ENTRY-7TH

Course #: ½ year Grades: 7

High School Credit Course

This course introduces the use of the computer in a business setting. Office applications, the use of the Internet, and searching online databases are introduced and discussed. Applications included word processing, spreadsheet, database and graphics programs. Students will learn to use the applications to analyze and solve basic business problems. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and post-secondary education.

INTERPERSONAL STUDIES-7TH

Course #: ½ year Grades: 7

High School Credit Course

Examines the relationship between individuals and among family members significantly affect the quality of life. Studies us knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

PRINCIPLES OF BUSINESS MARKETING AND FINANCE-8TH

Course #:J840 1 year Grades: 8

High School Credit Course

Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software. Students will identify and practice effective interpersonal and team-building skills involving situations with co-workers, supervisors, and clients.

GENERAL EMPLOYABLE SKILLS

Course #: M672 1 year Grades: 7

High School Credit Course

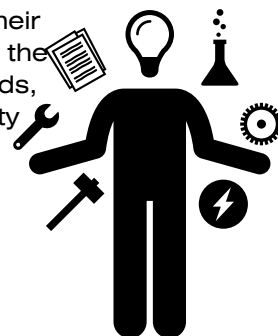
This course provides students with knowledge of the prerequisite skills for general employment as well as the means of obtaining those skills. Employability skills include fundamentals of maintenance of personal appearance and grooming. The course also includes the knowledge, skills, and attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong members of the work team. Discovering job possibilities that link skills, abilities, interests, values, needs, and work environment preferences is a part of the process of obtaining employability skills and abilities and is experiential learning that takes place over time.

GENERAL EMPLOYABILITY SKILLS

Course #: M681 1 year Grades: 8

High School Credit Course

This course provides students with knowledge of the prerequisite skills for general employment as well as the means of obtaining those skills. Employability skills include fundamentals of maintenance of personal appearance and grooming. The course also includes the knowledge, skills, and attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong members of the work team. Discovering job possibilities that link skills, abilities, interests, values, needs, and work environment preferences is a part of the process of obtaining employability skills and abilities and is experiential learning that takes place over time.



CTE - Science, Tech, Engineering, Arts & Math

PRINCIPLES OF AGRICULTURE, FOOD, & NATURAL RESOURCES

Course #: M983V 1 year Grades: 7

High School Credit Course

Introduction to Horticulture is an introduction to the principles and practices involved in the development, production and use of horticultural crops. As well as, major aspects of forage crop production for example, cultural practices, sustainable agriculture use, seed production, harvest, and livestock utilization. The course especially emphasizes characteristics of important grasses and legumes

SMALL ANIMAL MANAGEMENT

Course#: 207920V ½ year Grades: 8

High School Credit Course

Prerequisites: Recommended Principles of Agriculture, Food and Natural Resources

Students will attain knowledge and skills related to animal identification, animal behavior, anatomy, and the care and management of animals ranging from small mammals such as dogs and cats to amphibians and reptiles. This course is recommended for those with an interest in the Veterinary Science field.

EQUINE SCIENCE

Course#: 207930V ½ year Grades: 8

High School Credit Course

Prerequisites: Recommended Principles of Agriculture, Food and Natural Resources
Develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses. This course is recommended for those that have an interest in the Veterinary Science field.

PRINCIPLES OF HOSPITALITY & TOURISM

Course#: J856 1 year Grades: 8

High School Credit Course

Prerequisites: None

Student will use knowledge and skills that meet industry standards in the hospitality and tourism industry which encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food and beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

PRINCIPLES OF EDUCATION & TRAINING

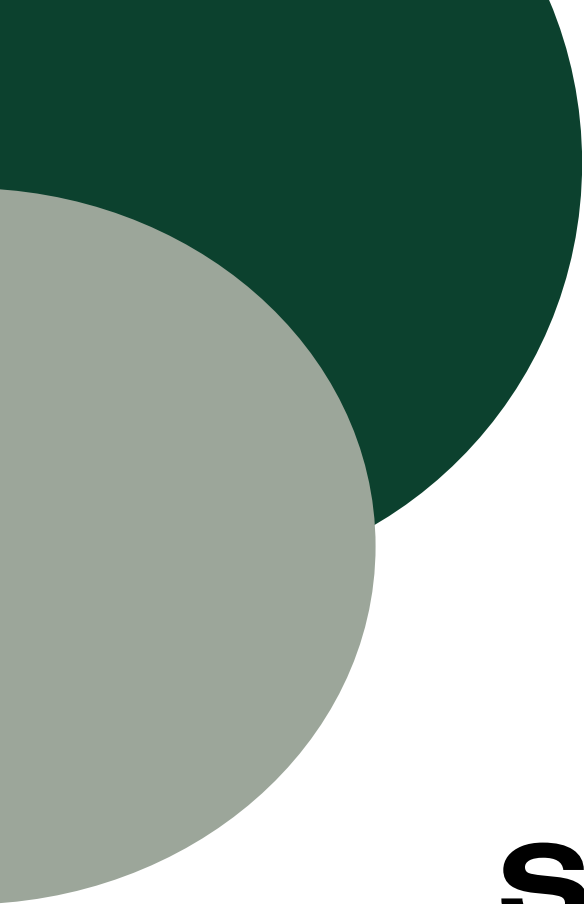
Course#: J857 1 year Grades: 8

High School Credit Course

Prerequisites: None

Principles of Education and Training is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self-knowledge as well as educational and career information to analyze various careers within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.





Section 3

High School

Course Descriptions



Students & Parents

Huntsville ISD Disclaimer:

The contents of the Secondary Course Selection Guide are relevant to HISD Policy (Legal and Local), Regulation and Practice as of October 2017. For current information regarding district policy please refer to the Huntsville Independent School District website at www.huntsville-isd.org or visit with your school counselor.

Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. After discussing the matter, if the concern continues, the principal should be contacted.



English

ENGLISH 1

Course#: 1111100 Credits: 1 Grades: 9-10

Prerequisites: None

English I integrates the study of composition, language, literature, and reading. Students will read and write regularly. A study of vocabulary, grammar, and study skills are embedded to develop students' critical reading and writing skills. Students will read and respond to a variety of literary genres and will develop essays through all stages of the writing process.

PRE-AP ENGLISH 1

Course#: 11111Q0 Credits: 1 Grades: 9-10

Prerequisites: Recommended Pre-AP 8th Grade English

Notes: Summer reading is assigned in this course.

Students will follow the course of study outline in the English I course description. In addition, students will work on special projects, and will be required to use multiple and diverse resources to acquire information. This course has a required summer assignment. It is the student's responsibility to obtain and complete this assignment. This course requires a Student/Parent/Teacher contract.

ENGLISH 2

Course#: 1112100 Credits: 1 Grades: 10-12

Prerequisites: English I

English II integrates the study of composition, language, literature, and reading. Students will read and write regularly. The curriculum is designed to reinforce vocabulary, grammar, and study skills previously studied in English I to further develop students' critical reading and writing skills. A thematic approach is used as students read and respond to a variety of literary genres. Students will develop essays through all stages of the writing process.

PRE-AP ENGLISH 2

Course#: 11121Q0 Credits: 1 Grades: 10-12

Prerequisites: Recommended Pre-AP English I

Notes: Summer reading is assigned in this course.

Students will follow the course of study outline in the English II course description. In addition, students will work on special projects, and will be required to use multiple and diverse resources to acquire information. This course is strongly recommended as a prerequisite of AP English III. This course has a required summer assignment. It is the student's responsibility to obtain and complete this assignment. This course requires a Student/Parent/Teacher contract.

ENGLISH 3

Course#: 1113100 Credits: 1 Grades: 11-12

Prerequisites: English II

This course covers American literature from its beginning to present, studies by genres: short story, poetry, and the novel. Course enhances students' awareness of language and its importance in the modern world.



English

AP ENGLISH III LANGUAGE & COMPOSITION

Course#: 11131P0 Credits: 1 Grades: 11-12

Prerequisites: Recommended Pre-AP English II

Notes: Summer reading is assigned in this course.

This course emphasizes the expository, analytical, and argumentative writing that forms the basis of academic and professional communication, as well as personal and reflective writing.

Extensive, close reading of a variety of texts enables students to be more prepared for the College Board's AP Language exam. Students are expected to take the AP exam. Fee required for testing. This course has a required summer assignment. It is the student's responsibility to obtain and complete this assignment. This course requires a Student/Parent/Teacher contract.

ENGLISH 4

Course#: 1114100 Credits: 1 Grades: 12

Prerequisites: English III

This is a senior level course emphasizing the fundamentals of the English language through the study of British literature from 450 to the 20th century. An extensive focus will be placed on composition and language practice.

DUAL CREDIT ENGLISH 1301/1302-ENGLISH COMP 1 & ENGLISH COMP 2 (HHS/LONESTAR)

Course#: 11141D0 Credits: 1 Grades: 12

Prerequisites: Recommended English III; Application Process;
Successfully Pass TSI Reading and Writing

A multi-paragraph composition course, Dual Credit English includes language study and the mechanics of writing with examples of selected readings. Students may be required to achieve a departmentally approved score on a proficiency test before credit for the A continuation of English 1301, this course has an emphasis on critical papers culminating in a term paper or papers. Readings include prose, poetry and drama. (2304015112) Prerequisite: ENGL 1301 (description from Lone Star College Course Catalog). All students will be required to adhere to Lone Star College Policies/Fees. Refer to Lone Star College for details. Grades for this course are awarded based on Lone Star College grading policies. This course has a required summer assignment. It is the student's responsibility to obtain and complete this assignment. Grades for this course are awarded based on college grading policies. English 1302: Composition and Rhetoric II - 3 Credits (3 hours lecture) course may be awarded. (2304015112) Prerequisites: ENGL 0305 or ENGL 0316 and ENGL 0307 pr 0326 or 0356, OR higher-level course (ENGL 1301), OR placement by testing.

AP ENGLISH IV (LITERATURE & COMPOSITION)

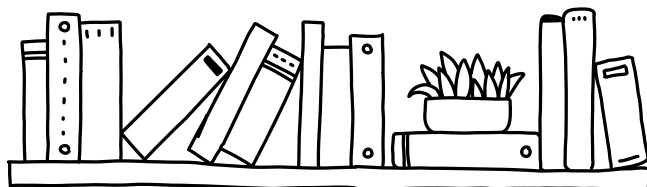
Course#: 11141P0 Credits: 1 Grades: 12

Prerequisites: Recommended AP English III

Notes: Summer reading is assigned in this course.

This course engages students in the careful reading and critical analysis of literature from several genres and periods from the 16th to the 21st century. Students consider a work's structure, style, and themes as well as figurative language, imagery, symbolism, and tone.

Students are expected to take the AP exam. Fee required for testing. This course has a required summer assignment. It is the student's responsibility to obtain and complete this assignment. This course requires a Student/Parent/Teacher contract.



English

READING 1

Course#: 1115100 Credits: 0.5 Grades: 9-12

Prerequisites: None

This course offers students instruction in word recognition and comprehension strategies and vocabulary to ensure that high school students have an opportunity to read with competence, confidence, and understanding. Students will use a variety of instructional opportunities (including computer-based instruction) to locate information in varied sources, to read critically, to evaluate sources and to draw supportable conclusions.

READING 2

Course#: 1115200 Credits: 0.5 Grades: 9-12

Prerequisites: Reading I

This course offers students instruction in word recognition and comprehension strategies and vocabulary to ensure that high school students have an opportunity to read with competence, confidence, and understanding. Students will use a variety of instructional opportunities (including computer-based instruction) to locate information in varied sources, to read critically, to evaluate sources and to draw supportable conclusions.

ELDA 1 - ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION

Course#111ELDA0 Credits: 1 Grades: 9

Prerequisites: LPAC Approval

This course enables students to become increasingly more proficient in English in all four language domains. It addresses cognitive, linguistic, and affective needs. It will develop social language, survival vocabulary, and the basic building blocks of literacy for newly arrived and preliterate students.

ELDA 2 - ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION

Course# 112ELDA0 Credits: 1 Grades: 10

Prerequisites: LPAC Approval

This course enables students to become increasingly more proficient in English in all four language domains. It addresses cognitive, linguistic, and affective needs. It will develop social language, survival vocabulary, and the basic building blocks of literacy for newly arrived and preliterate students.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES 1

Course#: 1115600 Credits: 1 Grades: 9

Prerequisites: LPAC Approval

This course provides students intensive practice in listening, speaking, reading and writing English. ESOL I may be substituted for English I for ESOL students.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES 2

Course#: 1115700 Credits: 1 Grades: 10

Prerequisites: LPAC Approval

This course provides students intensive practice in listening, speaking, reading and writing English. ESOL II may be substituted for English II for ESOL students.

COLLEGE PREP ENGLISH LANGUAGE ARTS

Course#: 1117000 Credits: 1 Grades: 12

Prerequisites: English 1

This course may be required for students who do not meet college readiness standards. This course is designed for 12th grade students whose EOC scores, coursework, college entrance exam, or higher or Texas Success Initiative (TSI) assessment score indicates that the student is not ready for college-level coursework. Developmental English for College Readiness satisfies the required fourth English credit.

Journalism

JOURNALISM

Course#: 1115800 Credits: 1 Grades: 9-12

Prerequisites: None

Journalism is a credit course which includes a brief study of the history of news media. It also includes fact gathering and development of interviewing skills, writing news stories, sports, features, and editorials. Students will learn to determine newsworthiness. They will study and apply editing skills and journalistic style and technique of writing headlines and captions. Advertising, broadcast media, and yearbook production and photography will also be covered.

PHOTO JOURNALISM

Course#: 111590V Credits: 1 Grades: 10-12

Prerequisites: None

Photojournalism includes a brief history of photography and an intensive study of camera controls, parts, and operations. Students practice camera techniques and darkroom procedures. Students will take, develop, and print photographs for use in school publications. Also covered are elements of photo composition, the selection, cropping and scaling of news photos, and elements of photo design and lay-out.

ADVANCED JOURNALISM: YEARBOOK 1

Course#: 1116010 Credits: 1 Grades: 10-12

Prerequisites: Journalism I

The course includes planning and developing a theme for a school yearbook. It provides practice and application in writing captions and copy to produce the yearbook. Students learn to edit and proof yearbook material. Students also plan advertising, sales, and distribution campaigns. Students use computers to produce, copy and keep records.

ADVANCED JOURNALISM: YEARBOOK 2

Course#: 1116020 Credits: 1 Grades: 10-12

Prerequisites: Journalism I; Yearbook I

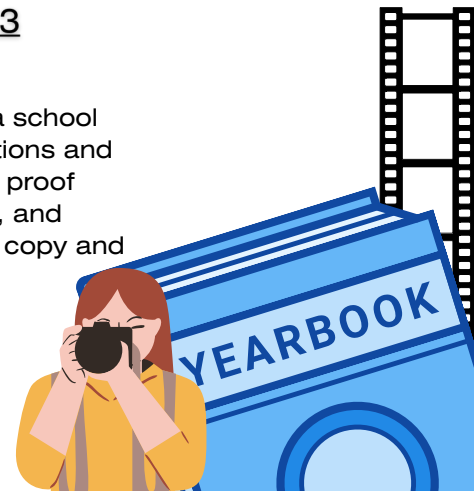
The course includes planning and developing a theme for a school yearbook. It provides practice and application in writing captions and copy to produce the yearbook. Students learn to edit and proof yearbook material. Students also plan advertising, sales, and distribution campaigns. Students use computers to produce, copy and keep records.

ADVANCED JOURNALISM: YEARBOOK 3

Course#: 1116030 Credits: 1 Grades: 10-12

Prerequisites: Journalism I; Yearbook I & II

The course includes planning and developing a theme for a school yearbook. It provides practice and application in writing captions and copy to produce the yearbook. Students learn to edit and proof yearbook material. Students also plan advertising, sales, and distribution campaigns. Students use computers to produce, copy and keep records.



Journalism

ADVANCED JOURNALISM: YEARBOOK 4

Course#: 1116040 Credits: 1 Grades: 10-12

Prerequisites: Journalism I; Yearbook I, II, III

The course includes planning and developing a theme for a school yearbook. It provides practice and application in writing captions and copy to produce the yearbook. Students learn to edit and proof yearbook material. Students also plan advertising, sales, and distribution campaigns. Students use computers to produce, copy and keep records.

ADVANCED JOURNALISM: NEWSPAPER

Course#: 1116100 Credits: 1 Grades: 10-12

Prerequisites: Journalism I

The course includes planning and developing a theme for a school newspaper. It provides practice and application in writing captions and copy to produce the newspaper. Students learn to edit and proof newspaper material. Students also plan advertising, sales, and distribution campaigns. Students use computers to produce, copy and keep records.

ADVANCED BROADCAST JOURNALISM 2

Course#: 1116110 Credits: 1 Grades: 10-12

Prerequisites: Journalism I; Newspaper I

Students will apply and use their journalistic skills to create a broadcast journalism product. Students will learn the laws, roles, and functions of broadcast journalism. Students will produce, edit, and perform the morning announcement broadcast.

ADVANCED BROADCAST JOURNALISM 3

Course#: 1116120 Credits: 1 Grades: 10-12

Prerequisites: Journalism I; Newspaper I & II

Students will apply and use their journalistic skills to create a broadcast journalism product. Students will learn the laws, roles, and functions of broadcast journalism. Students will produce, edit, and perform the morning announcement broadcast.

ADVANCED BROADCAST JOURNALISM 4

Course#: 1116130 Credits: 1 Grades: 10-12

Prerequisites: Journalism I; Newspaper I, II, III

Students will apply and use their journalistic skills to create a broadcast journalism product. Students will learn the laws, roles, and functions of broadcast journalism. Students will produce, edit, and perform the morning announcement broadcast.



Mathematics

ALGEBRA 1

Course#: 1221100 Credits: 1 Grades: 9-10

Prerequisites: None

An introductory high school mathematics course that includes a study of the language and symbolism of algebra, variables and open sentences, statement problems, polynomials, graphing in the plane, systems of linear equations and inequalities, factoring, rational expressions, irrational numbers (radicals), ratio, proportion and variation.

PRE-AP ALGEBRA 1

Course# 12211QA Credits: 1 Grades 9-10

Prerequisite: None

The Principles of Algebra are covered in this rigorous course and extended to prepare students for advanced mathematics. This course requires a Student/Parent/Teacher contract.

DUAL CREDIT COLLEGE ALGEBRA – 1314

Course # Credits: 0.5 Grades: 12

Prerequisite: Math 0308 or placement by testing

In-depth study and application of polynomial, rational, radical, absolute value, piecewise defined, exponential and logarithmic functions, equations, inequalities, graphing skills, and systems of equations using matrices. additional topics such as sequences, series, probability, conics, and inverses may be included.

UT ONRAMPS COLLEGE ALGEBRA

Course # M301 Credits: 1 Grades: 12

Prerequisite: IHE requirements

College Hours: 3

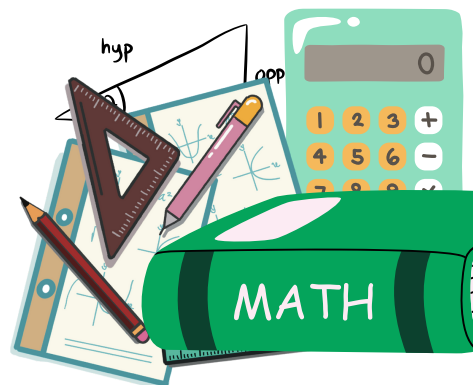
OnRamps is a dual enrollment partnership with the University of Texas at Austin that provides students the opportunity to attempt college-level work. This course is the first semester of College Algebra. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. The pedagogy of the course, Inquiry-Based Learning, encourages students to take an active role in the construction of their learning. This learning will be accomplished by abstraction, generalization, problem solving, and modeling. but with the course support of the HISD instructor. Students must demonstrate their ability to do college level coursework in order to earn college credit each semester. Tuition for University of Texas courses is \$149 per semester.

DUAL CREDIT – TRIGONOMETRY - 1316

Course # Credits: 0.5 Grades: 12

Prerequisite: Math 1314 or placement by testing

Trigonometric functions and their applications, solutions of right and oblique triangles, trigonometric identities and equations, inverse trigonometric functions, graphs of the trigonometric functions, vectors and polar coordinates.



Mathematics

GEOMETRY

Course#: 1222100 Credits: 1 Grades: 9-11

Prerequisites: Algebra I

Geometry combines elements of plane, solid and coordinate geometry to clearly illustrate mathematics as a deductive science.

PRE-AP GEOMETRY

Course#: 12221Q0 Credits: 1 Grades: 9-11

Prerequisites: Algebra I

The Principles of Geometry are covered in this rigorous course and extended to prepare students for advanced mathematics. This course requires a Student/Parent/Teacher contract. This course requires a Student/Parent/Teacher contract.

ALGEBRA 2

Course#: 1223110 Credits: 1 Grades: 9-12

Prerequisites: Algebra I

Specific units include review of factoring and simplifying algebraic expressions, systems of equations and inequalities, relations and functions (linear, quadratic, exponential and logarithmic), conic sections, exponents and logarithms, sequences and series, matrices and determinants.

PRE-AP ALGEBRA 2

Course#: 12231Q0 Credits: 1 Grades: 9-12

Prerequisites: Recommended Pre-AP Geometry

Units of study include relations and functions, graphing, equations (linear, quadratic, polynomial, rational, radical), systems of equations and inequalities, matrices and determinants, points and planes in space, conic sections, irrational numbers, exponents and logarithms, and sequences and series. This course requires a Student/Parent/Teacher contract.

PRE CALCULUS

Course#: 1224100 Credits: 1 Grades: 11-12

Prerequisites: Geometry, Algebra II

This course content includes transformation on parent graphs, polynomial and rational functions, conic sections, exponents and logarithms, sequences and series, right triangle and oblique triangle applications, trigonometric functions, sinusoidal models, trigonometric identities, trigonometric equations, and polar graphs. This course requires a Student/Parent/Teacher contract.

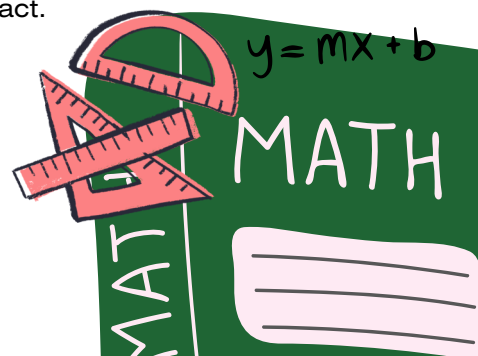
PRE-AP PRE-CALCULUS

Course#: 12241Q0 Credits: 1 Grades: 11-12

Prerequisites: Recommended Pre-AP Geometry and PRE-AP Algebra II

This course content includes more rigorous study of transformation on parent graphs, polynomial and rational functions, conic sections, exponents and logarithms, sequences and series, right triangle and oblique triangle applications, trigonometric functions, sinusoidal models, trigonometric identities, trigonometric equations, and polar graphs.

This course requires a Student/Parent/Teacher contract.



Mathematics

INDEPENDENT STUDY OF MATHEMATICS

Course# Credits: 1 Grade: 12

Prerequisites: Geometry and Algebra II

Students will use mathematical relationships to generate solutions and make connections and predictions. Students will analyze mathematical relationships to connect and communicate mathematical ideas. Students will display, explain, or justify mathematical ideas and arguments using precise mathematical language in written or oral communication. Students will extend their mathematical understanding beyond the Algebra II level in a specific area or areas of mathematics such as theory of equations, number theory, non-Euclidean geometry, linear algebra, advanced survey of mathematics, or history of mathematics.

MATH MODELS

Course#: 1225100 Credits: 1 Grades: 9-12

Prerequisites: Algebra I, Geometry

Students use a variety of representations (concrete, numerical, algorithmic and graphical) tools and technology to link modeling techniques and purely mathematical concepts to solve applied problems. This course must be taken prior to Algebra II if taken to satisfy a fourth math credit.

COLLEGE PREP MATHEMATICS

Course#: CP111200 Credits: 1 Grades: 12

Prerequisites: Algebra 1

Note: This course is designed for students who do not meet college readiness standards. This course is designed for 12th grade students whose EOC scores, coursework, college entrance exam, or higher or Texas Success Initiative (TSI) assessment score indicates that the student is not ready for college-level coursework. This course satisfies a required math credit.

AP CALCULUS

Course#: 12271P0 Credits: 1 Grades: 11-12

Prerequisites: Pre-Calculus

This is a course for advanced math students that includes a study of functions, limits, derivatives and integrals. Topics are reviewed geometrically, numerically and algebraically. A graphing calculator is recommended. Students are expected to take the AP exam. Students may earn credit for one semester of college calculus with qualifying AP exam scores. Fee required for testing. This course requires a Student/Parent/Teacher contract.

DUAL CREDIT STATISTICS - 1342

Course#: 12282DV Credits: 0.5 Grades: 12

Prerequisites: College Algebra

Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. Students will use statistics to make business decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.



Mathematics

DUAL CREDIT CALCULUS FOR BUSINESS & SOCIAL SCIENCES - 1325

Course#: 12283DV Credits: 0.5 Grades: 12

Prerequisites: College Algebra

Business Calculus is calculus presented in a thorough, application-oriented text for students majoring in business, management, economics, or the life or social sciences. This course will connect mathematics to careers in everyday-life situations. It will help any student wishing to enter the business world develop not only job skills, but mathematical skills for any rigorous position in the field of business.

STATISTICS AND BUSINESS DECISION MAKING

Course#: 1228400 Credits: 1 Grades: 11-12

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

FINANCIAL MATHEMATICS

Course#: 1228500 Credits: 1 Grades: 11-12

Prerequisites: Algebra I

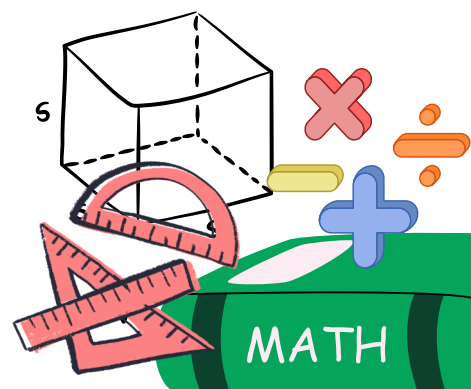
Financial Mathematics is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors.

ENGINEERING MATHEMATICS

Course#: 2729100 Credits: 1 Grades: 11-12

Prerequisites: Algebra II

Engineering Mathematics is a course where students solve and model robotic design problems. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming.



Science

INTEGRATED PHYSICS & CHEMISTRY

Course#: 1331100 Credits: 1 Grades: 9-10

Prerequisites: None

Through an exploration of the fundamentals of chemistry and physics, this course provides the science background students need to understand their everyday surroundings. Students develop laboratory skills in the safe use of chemicals and equipment, in collecting, classifying, sequencing and presenting data in appropriate form, drawing logical conclusions, predicting outcomes and forming generalized statements.

BIOLOGY 1

Course#: 1332100 Credits: 1 Grades: 9-10

Prerequisites: None

Students will conduct field and laboratory investigations, use scientific methods during investigations and make informed decisions using critical thinking and scientific problem solving. The course includes a study of structures and functions of cells and viruses; growth and development of organisms; cells, tissues and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems and plants and the environment.

PRE-AP BIOLOGY

Course#: 13321Q0 Credits: 1 Grades: 9-10

Prerequisites: Recommended STAAR Mastery on 8th Science Exam This is a preparatory course for AP Biology and is designed to develop the knowledge and skills necessary to be successful in a first year college biology course. This course requires a Student/Parent/Teacher contract.

AP BIOLOGY

Course#: 13321P0 Credits: 1 Grades: 11-12

Prerequisites: Recommended Pre-AP Biology, Pre-AP Chemistry

This course is designed to be the equivalent of a college introductory biology course, which provides students with the conceptual framework, factual and analytical skills necessary to deal critically with the rapidly changing science of biology. Students are expected to take the AP exam. Fee required for testing. This course requires a Student/Parent/Teacher contract.

DUAL CREDIT BIOLOGY 1

Course#: 13321D0 Credits: 1 Grades: 11-12

Prerequisites: IHE requirements.

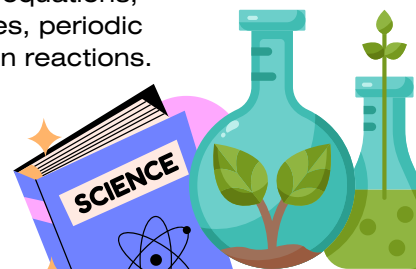
This course is designed to include the applications of the scientific method, cellular and molecular biology, biochemistry, classical and human genetics, virology, and mechanisms of evolution.

CHEMISTRY

Course#: 1333100 Credits: 1 Grades: 10-12

Prerequisites: Biology, Algebra I

Students study a variety of topics that include: chemical and physical changes, atomic structure, nuclear fusion and nuclear fission, formulas, compound names, equations, chemical reaction types, mole concept and stoichiometry, behavior of gases, periodic table, bonding, solutions, equilibria, acids and bases and oxidation-reduction reactions.



Science

PRE-AP CHEMISTRY

Course#: 13331Q0 Credits: 1 Grades: 10-12

Prerequisites: Recommended Pre-AP Biology, Pre-AP Algebra I,
Mastery on Biology EOC test

This course is a rigorous introductory study preparing students for success in a first-year college chemistry course and is recommended for students who plan to take AP Chemistry. The basic chemical principles taught in Chemistry I are covered and extended to include descriptive chemistry, electrochemistry and organic chemistry. This course requires a Student/Parent/Teacher contract.

AP CHEMISTRY

Course#: 13331P0 Credits: 1 Grades: 10-12

Prerequisites: Recommended Pre-AP Biology, Pre-AP Algebra I, Mastery on Biology EOC test

Students study a variety of topics that include: chemical and physical changes, atomic structure, nuclear fusion and nuclear fission, formulas, compound names, equations, chemical reaction types, mole concept and stoichiometry, behavior of gases, periodic table, bonding, solutions, equilibria, acids and bases and oxidation-reduction reactions. This course requires a Student/Parent/Teacher contract.

PHYSICS

Course#: 1334100 Credits: 1 Grades: 11-12

Prerequisites: Biology, Chemistry, Geometry, Algebra II or concurrent enrollment

In this course basic physical principles are taught which include Newtonian Mechanics, thermal physics, electricity and magnetism, wave and optics and atomic and nuclear physics. This course provides students with a conceptual framework, factual knowledge and analytical and scientific skills. An independent project is required. The laboratory will be used to demonstrate or emphasize the physical principles studied.

PRE-AP PHYSICS

Course#: 13341Q0 Credits: 1 Grades: 11-12

Prerequisites: Recommended Pre-AP Biology, Pre-AP Chemistry, Pre-AP Geometry, PRE-AP Algebra II, and Pre-AP Calculus or concurrent enrollment

This course is intended to prepare students interested in fields of study that could require them to take engineering-level physics in college. Such students are expected to have strong skills in algebraic and trigonometric problem solving. Like the other Physics courses, it provides an introduction to the fundamental principles of physics and how they apply to our daily lives.

Topics covered include motion, forces, energy, waves, optics, electricity, and magnetism - and may also include thermodynamics, modern physics and astrophysics.

Theory will be understood through mathematical calculations and problem solving as well as the development of conceptual understanding. Mathematical problem-solving utilizing second-year algebra, geometry, and trigonometry will be extensively applied throughout the course.

Independent projects will be required for this course. This course requires a Student/Parent/Teacher contract.



Science

AP PHYSICS

Course#: 13341P0 Credits: 1 Grades: 11-12

Prerequisites: Recommended Pre-AP Biology, Pre-AP Chemistry, Pre-AP Geometry, PRE-AP Algebra II, and Pre-AP Calculus or concurrent enrollment

This course is a yearlong introduction to the Algebra based major areas of Physics - mechanics, fluids, waves, optics, electricity, magnetism and modern Physics. Students apply the concepts of Physics to their everyday experiences and current events and issues in science and engineering. The course provides opportunity for guided inquiry and student-centered learning to foster critical thinking skills. It is suggested that students have previous physics background. This course requires a Student/Parent/Teacher contract.

AP ENVIRONMENTAL SCIENCE

Course#: 13351P0 Credits: 1 Grades: 10-12

Prerequisites: Recommended Algebra I and completion of 2 high school Pre-AP science credits

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Students are expected to take the AP exam. Fee required for testing. This course requires a Student/Parent/Teacher contract.

PRINCIPLES OF TECHNOLOGY

Course#: 1336100 Credits: 1 Grades: 11-12

Prerequisites: Biology, Chemistry

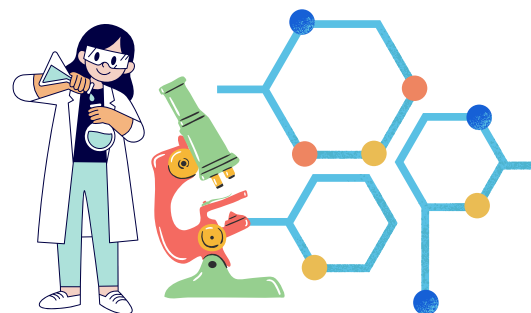
This hands-on class takes a unique approach to learning physics concepts. Science credit-Physics.

EARTH AND SPACE SCIENCE

Course#: 1337110 Credits: 1 Grades: 11-12

Prerequisites: Three years of science credits

This course focuses on the study of the Earth's lithosphere, atmosphere, hydrosphere, and its celestial environment. Students enrolled in this course analyze and describe Earth's interconnected systems and how they are changing due to natural processes and human influence. Topics covered, include but are not limited to, rocks, minerals, natural resource management, sculpturing of Earth's surface, plate tectonics, earthquakes, volcanoes, geologic history, the atmosphere, weather, climate, history of astronomy, the solar system, stars and galaxies.



Science

ASTRONOMY

Course#: 1339100 Credits: 1 Grades: 11-12

Prerequisites: Three years of science credits

In Astronomy, students conduct laboratory and field investigations, use scientific methods and make informed decisions using critical thinking and scientific problem solving.

Students study the following topics: astronomy in civilization, patterns and objects in the sky, our place in space, the moon, reasons for the seasons, planets, the sun, stars, galaxies, cosmology and space exploration. Students who successfully complete Astronomy will acquire knowledge within a conceptual framework, conduct observations of the sky, work collaboratively, and develop critical-thinking skills.

AQUATIC SCIENCE

Course#: 1339200 Credits: 1 Grades: 11-12

Prerequisites: Two years of science credits

This is a lab/project-based course that focuses on the physical and biological characteristics of the earth's freshwater and marine ecosystems. Topics include the properties of water, water's effect on climate, how water shapes the earth, aquatic ecosystems and technology used in aquatic field studies.

ANATOMY & PHYSIOLOGY

Course#: 2538100 Credits: 1 Grades: 11-12

Prerequisites: Three years of science credits

Notes: This course may receive Advanced Technical Credit.

In this course students conduct in-depth investigations of anatomy and physiology of human systems including circulatory, nervous, endocrine and respiratory systems.

FOOD SCIENCE

Course#: 2639500 Credits: 1 Grades: 12

Prerequisites: Three years of science credits

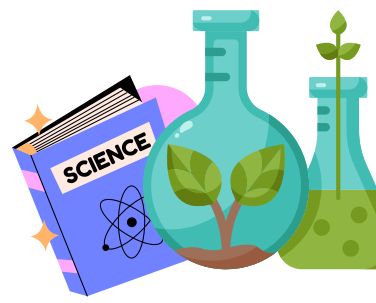
Food Science is the study of the nature of foods, the cause of deterioration, the principles underlying food processing and the improvement of foods for the consumer.

ENGINEERING DESIGN AND PROBLEM SOLVING

Course#: 2780470 Credits: 1 Grades: 11-12

Prerequisites: Geometry, Algebra II, Chemistry and Physics

The Engineering Design and Problem-Solving course is the creative process of solving problems by identifying needs and then devising solutions. The solution may be a product, technique, structure, or process depending on the problem. Science aims to understand the natural world, while engineering seeks to shape this world to meet human needs and wants. Engineering design takes into consideration limiting factors or "design under constraint." Various engineering disciplines address a broad spectrum of design problems using specific concepts from the sciences and mathematics to derive a solution. The design process and problem solving are inherent to all engineering disciplines.



Science

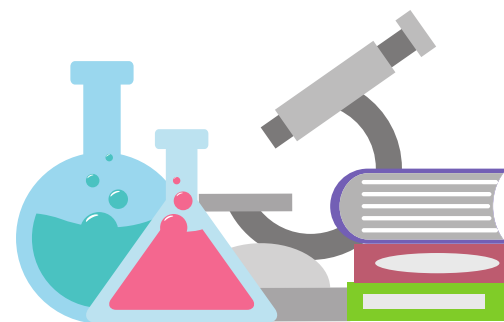
FORENSIC SCIENCE

Course#: 2837100 Credits: 1 Grades: 12

Prerequisites: Biology, Chemistry

Recommended: Principles of Law, Public Safety, Corrections and Security

This course utilizes a structured and scientific approach to investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and stimulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.



Social Studies

WORLD GEOGRAPHY

Course#: 1441100 Credits: 1 Grades: 9-12

Prerequisites: None

In World Geography Studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions.

PRE-AP WORLD GEOGRAPHY

Course#: 14411Q0 Credits: 1 Grades: 9-12

Prerequisites: None

Geography, at its core, is the study of place, space, and scale. Understanding basic geographic principles enriches understanding of historical events by connecting spatial relationships to politics, economics, and culture. Students are introduced to principles of geography including the concepts of regionalization, spatial reorganization, and human adaptation to physical environments. Students will strengthen their skills in examining maps and geographic data, identifying trends and corroborating evidence, and incorporating evidence in writing. This course requires a Student/Parent/Teacher contract.

WORLD HISTORY

Course#: 1442100 Credits: 1 Grades: 10-11

Prerequisites: None

This course surveys the chronological history of man from the development of the earliest civilization to the present along with Western civilization, the development of Russia, India, Japan, China, Africa and Latin America. Also included are geographic influences on world history. and the development of the 20th century.

AP WORLD HISTORY

Course#: 14421P0 Credits: 1 Grades: 11-12

Prerequisites: Recommended Pre-AP World History

This course surveys the chronological history of man from the development of the earliest civilization to the present along with Western civilization, the development of Russia, India, Japan, China, Africa and Latin America. Also included are geographic influences on world history and the development of the 20th century.

This course requires a Student/Parent/Teacher contract.



Social Studies

PRE-AP WORLD HISTORY

Course#: 14421Q0 Credits: 1 Grades: 10-11

Prerequisites: None

This course surveys the chronological history of man from the development of the earliest civilization to the present along with Western civilization, the development of Russia, India, Japan, China, Africa and Latin America. Also included are geographic influences on world history and the development of the 20th century. This course requires a Student/Parent/Teacher contract.

US HISTORY

Course#: 1443100 Credits: 1 Grades: 11-12

Prerequisites: World Geography and World History

This course traces the emergence of the United States as a world power from the Post-Civil War period to the present, including geographic influences on the country's historical, economic, social, cultural and political developments.

DUAL CREDIT US HISTORY – 1301/1302

Course#: 14431D0 Credits: 1 Grades: 11-12

Prerequisites: World Geography, World History Notes: Application Process

A description for this course is available from the Lone Star College Course Catalog. All students will be required to adhere to Lone Star College Policies/Fees. Refer to Lone Star College for details. This course requires a Student/Parent/Teacher contract. Grades for this course are awarded based on Lone Star College grading policies.

AP US HISTORY

Course#: 14431P0 Credits: 1 Grades: 11-12

Prerequisites: Recommended PRE-AP World Geography, Pre-AP World History

This course is an overview of U. S. History from the discovery and settlement of the New World (1492) to the present. In addition to learning historical content, the course will require students to analyze and interpret various sources of materials. The student will be expected to read and evaluate a large amount of material and involves significant outside reading. Students will have outside reading and writing assignments. Students are expected to take the AP exam; fee required for testing. This course requires a Student/Parent/Teacher contract.

PRE-AP US HISTORY

Course#: 14431Q0 Credits: 1 Grades: 11-12

Prerequisites: Recommended PRE-AP World Geography, Pre-AP World History

This course traces the emergence of the United States as a world power from the Post-Civil War period to the present, including geographic influences on the country's historical, economic, social, cultural and political developments. This course requires a Student/Parent/Teacher contract.

US GOVERNMENT

Course#: 144400V Credits: 0.5 Grades: 12

Prerequisites: None

This course traces the foundations, development, structures and functions of the U. S. political and governmental systems at federal, state and local levels. Participation and decision making in civic affairs is also emphasized.



Social Studies

DUAL CREDIT GOVERNMENT

Course#: 14440DV Credits: 0.5 Grades: 12

Prerequisites: World Geography, World History, US History Notes: Application Process

This is a fully online course. A description for this course is available from the Lone Star College Course Catalog. All students will be required to adhere to Lone Star College Policies/Fees. Refer to Lone Star College for details. This course satisfies the Government requirement. This course requires a Student/Parent/Teacher contract. Grades for this course are awarded based on Lone Star College grading policies. All online courses have an additional fee charged by Lone Star College of \$30.00.

AP US GOVERNMENT

Course#: 14440PV Credits: 0.5 Grades: 12

Prerequisites: Recommended AP US History

This course will give students an analytical perspective on the constitutional underpinnings of the U. S. government, the political beliefs and behaviors, political parties, national government institutions, public policy and civil rights and liberties. Identified G/T students will be served in this course. Students are expected to take the AP exam; fee required for testing. This course requires a Student/Parent/Teacher contract.

UT ONRAMPS US HISTORY

Course#: HIST 315K Credits: 0.5 Grades: 12

Prerequisites: IHE requirements College Hours: 3

OnRamps is a dual enrollment partnership with the University of Texas at Austin that provides students the opportunity to attempt college-level work. This course is the first semester of US History. OnRamps is the study of the History of the United States from 1492-1865. Students will experience the curricular expectations, writing requirements and the study of American history with the same coursework as students enrolled at UT Austin but with the course support of the HISD instructor. Students must demonstrate their ability to do college level coursework in order to earn college credit each semester. Tuition for University of Texas courses is \$149 per semester.

UT ONRAMPS US HISTORY

Course#: HIST 315L Credits: 0.5 Grades: 12

Prerequisites: HIST 315K College Hours: 3

OnRamps is a dual enrollment partnership with the University of Texas at Austin that provides students the opportunity to attempt college-level work. This course is the second semester of US History. OnRamps is the study of the History of the United States since 1865. Students will experience the curricular expectations, writing requirements and the study of American history with the same coursework as students enrolled at UT Austin but with the course support of the HISD instructor. Students must demonstrate their ability to do college level coursework in order to earn college credit each semester. Tuition for University of Texas courses is \$149 per semester.



Social Studies

ECONOMICS

Course#: 144500V Credits: 0.5 Grades: 12

Prerequisites: None

This course emphasizes the benefits of the free enterprise system. Topics include supply and demand, the business cycle, incentives, labor and the factors of production, as well as the relationship of government to the American economic system, international economic relations and consumer skills.

DUAL CREDIT ECONOMICS

Course#: 14450DV Credits: 0.5 Grades: 12

Prerequisites: World Geography, World History, US History

Notes: Application Process

This is a fully online course. This course requires a Student/Parent/Teacher contract. All students will be required to adhere to Lone Star College Policies/Fees. Refer to Lone Star College for details. Grades for this course are awarded based on Lone Star College grading policies. All online courses have an additional fee charged by Lone Star College of \$30.00.

AP MICROECONOMICS

Course#: 14450PV Credits: 0.5 Grades: 12

Prerequisites: Recommended Pre-Calculus completed or taken concurrently

This course provides students with a thorough understanding of basic economic principles, including price theory under market conditions of pure competition, monopoly, oligopoly; distribution of the national income and contemporary economic problems are emphasized. Students are expected to take the AP exam; fee required for testing. This course requires a Student/Parent/Teacher contract.

AP MACROECONOMICS

Course#: 14451PV Credits: 0.5 Grades: 12

Prerequisites: World Geography, World History, US History; Recommended Pre-Calculus

Notes: Application Process

Study begins with fundamental economic concepts such as scarcity, opportunity costs, production possibilities, specialization, comparative advantage, demand, supply, and price determination. Major topics include measurement of economic performance, national income and price determination, fiscal and monetary policy, and international economics and growth.

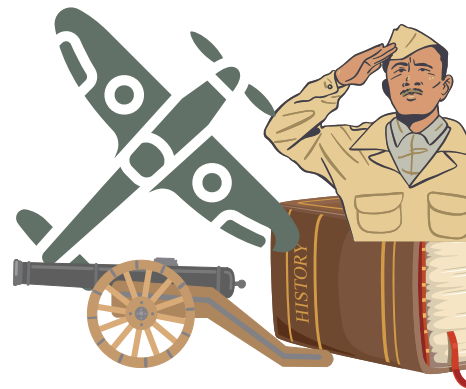
DUAL CREDIT GENERAL PSYCHOLOGY -2301

Course#: 14460DV Credits: 0.5 Grades: 12

Prerequisites: None

Notes: Application Process

This is a fully online course. This course is a survey of the essential subject areas, major theories and approaches to the scientific study of behavior and mental processes. All online courses have an additional fee charged by Lone Star College of \$30.00.



Social Studies

AP PSYCHOLOGY (1ST SEMESTER)

Course#: 14460PV Credits: 0.5 Grades: 12

Prerequisites: None

Students will study states of consciousness, personality, and social psychology. Also included is the student of development of man's intellectual and emotional growth from birth to death and disorders and their treatment. This is a rigorous course. Students are expected to take the AP exam; fee required for testing. This course requires a Student/Parent/Teacher contract. This course is only offered in the spring.

AP PSYCHOLOGY (2ND SEMESTER)

Course#: 14461PV Credits: 0.5 Grades: 12

Prerequisites: None

This is a fully online course. This course is a survey of the essential subject areas, major theories and approaches to the scientific study of behavior and mental processes. All online courses have an additional fee charged by Lone Star College of \$30.00.

DUAL CREDIT SOCIOLOGY

Course#: 14480DV Credits: 0.5 Grades: 12

Prerequisites: None

Notes: Application Process

This is a fully online course. This course is an introduction to the basic elements of society. It includes an introduction to dynamics of society, cultures, social groups, social institutions and social structures. All online courses have an additional fee charged by Lone Star College of \$30.00

PERSONAL FINANCIAL LITERACY (SOCIAL STUDIES)

Course#: 144810V Credits: 0.5 Grades: 10-12

Prerequisites: None

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. There are many references to conducting a cost-benefit analysis for spending and investing decisions.

Students evaluate the necessity of the purchase, the quality or value of the purchase or investment compared to other alternatives, and the total cost of acquisition, particularly in the context of financing options. Students also understand the power of both compound growth on investments and compound interest on debt and how these concepts affect the ability to build wealth over time.



Athletics

BASEBALL YR 1

Course#: 1550010 Credits: 1 Grades: 9-12
Prerequisites: Coach Approval First Year of Baseball

BASKETBALL BOYS YR 1

Course#: 1550020 Credits: 1 Grades: 9-12
Prerequisites: Coach Approval First Year of Boys Basketball

BASKETBALL GIRLS YR 1

Course#: 1550030 Credits: 1 Grades: 9-12
Prerequisites: Coach Approval First Year of Girls Basketball

CROSS COUNTRY YR 1

Course#: 1550040 Credits: 1 Grades: 9-12
Prerequisites: Coach Approval First Year of Cross Country

GOLF YR 1

Course#: 1550060 Credits: 1 Grades: 9-12
Prerequisites: Coach Approval First Year of Golf

SOCCER - BOYS YR 1

Course#: 1550070 Credits: 1 Grades: 9-12
Prerequisites: Coach Approval First Year of Boys Soccer

SOCCER - GIRLS YR 1

Course#: 1550080 Credits: 1 Grades: 9-12
Prerequisites: Coach Approval First Year of Girls Soccer

SOFTBALL YR 1

Course#: 1550090 Credits: 1 Grades: 9-12
Prerequisites: Coach Approval First Year of Softball

SWIMMING YR 1

Course#: 1550110 Credits: 1 Grades: 9-12
Prerequisites: Coach Approval First Year of Swimming

TENNIS BEGINNING YR 1

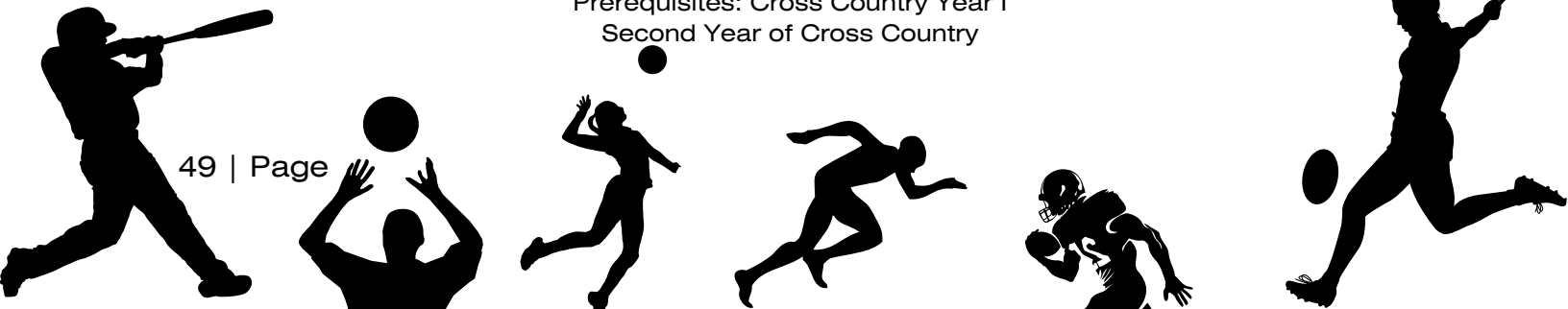
Course#: 1550120 Credits: 1 Grades: 9-12
Prerequisites: Coach Approval First Year of Tennis

VOLLEYBALL YR 1

Course#: 1550130 Credits: 1 Grades: 9-12
Prerequisites: Coach Approval First Year of Volleyball

CROSS COUNTRY YR 2

Course#: 1550330 Credits: 1 Grades: 10-12
Prerequisites: Cross Country Year I
Second Year of Cross Country



Athletics

GOLF YR 2

Course#: 1550350 Credits: 1 Grades: 10-12
Prerequisites: Golf Year I Second Year of Golf

SOCCER - BOYS YR 2

Course#: 1550360 Credits: 1 Grades: 10-12
Prerequisites: Soccer Year I Second Year of Boys Soccer

SOCCER - GIRLS YR 2

Course#: 1550370 Credits: 1 Grades: 10-12
Prerequisites: Soccer Year I Second Year of Girls Soccer

SOFTBALL YR 2

Course#: 1550380 Credits: 1 Grades: 10-12
Prerequisites: Softball Year I Second Year of Softball

SWIMMING YR 2

Course#: 1550390 Credits: 1 Grades: 10-12
Prerequisites: Swimming Year I Second Year of Swimming

BASEBALL YR 2

Course#: 1550420 Credits: 1 Grades: 10-12
Prerequisites: Baseball Year I Second Year of Baseball

BASKETBALL BOYS YR 2

Course#: 1550430 Credits: 1 Grades: 10-12
Prerequisites: Basketball Year I Second Year of Boys Basketball

BASKETBALL GIRLS YR 2

Course#: 1550440 Credits: 1 Grades: 10-12
Prerequisites: Basketball Year I Second Year of Girls Basketball

TENNIS YR 2

Course#: 1550450 Credits: 1 Grades: 10-12
Prerequisites: Tennis Year I Second Year of Tennis

VOLLEYBALL YR 2

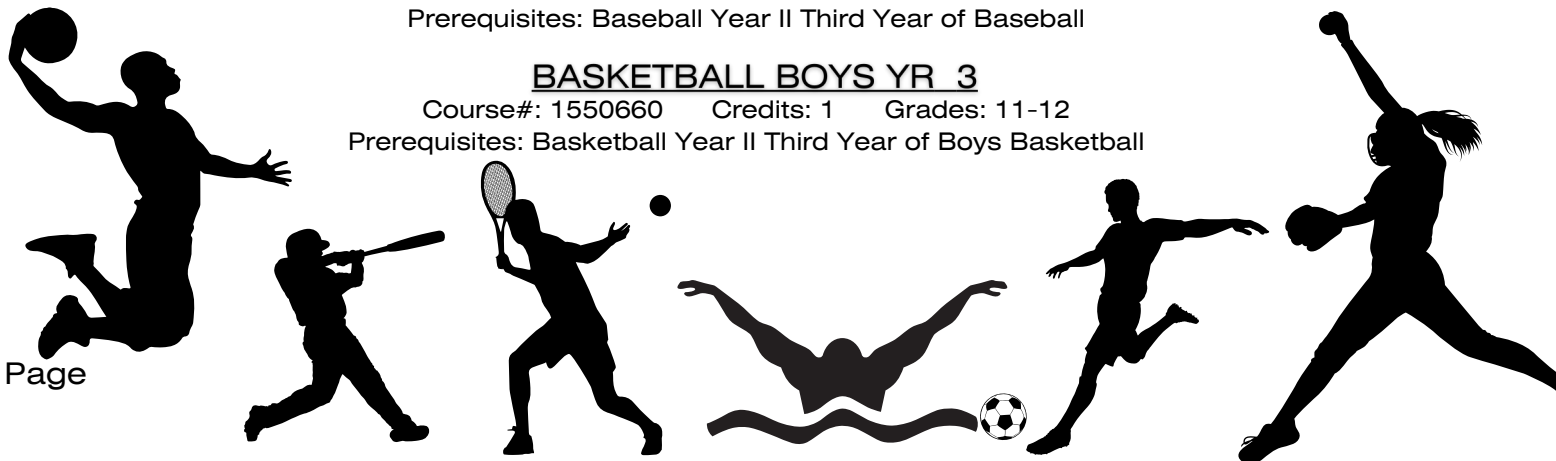
Course#: 1550460 Credits: 1 Grades: 10-12
Prerequisites: Volleyball Year I Second Year of Volleyball

BASEBALL YR 3

Course#: 1550650 Credits: 1 Grades: 11-12
Prerequisites: Baseball Year II Third Year of Baseball

BASKETBALL BOYS YR 3

Course#: 1550660 Credits: 1 Grades: 11-12
Prerequisites: Basketball Year II Third Year of Boys Basketball



Athletics

BASKETBALL GIRLS YR 3

Course#: 1550670 Credits: 1 Grades: 11-12
Prerequisites: Basketball Year II Third Year of Girls Basketball

CROSS COUNTRY YR 3

Course#: 1550680 Credits: 1 Grades: 11-12
Prerequisites: Cross Country Year II Third Year of Cross Country

GOLF YR 3

Course#: 1550720 Credits: 1 Grades: 11-12
Prerequisites: Golf Year II Third Year of Golf

SOCCER - BOYS YR 3

Course#: 1550730 Credits: 1 Grades: 11-12
Prerequisites: Soccer Year II Third Year of Boys Soccer

SOCCER - GIRLS YR 3

Course#: 1550740 Credits: 1 Grades: 11-12
Prerequisites: Soccer Year II Third Year of Girls Soccer

SOFTBALL YR 3

Course#: 1550750 Credits: 1 Grades: 11-12
Prerequisites: Softball Year II Third Year of Softball

SWIMMING YR 3

Course#: 1550760 Credits: 1 Grades: 11-12
Prerequisites: Swimming Year II Third Year of Swimming

TENNIS YR 3

Course#: 1550770 Credits: 1 Grades: 11-12
Prerequisites: Tennis Year II Third Year of Tennis

VOLLEYBALL YR 3

Course#: 1550780 Credits: 1 Grades: 11-12
Prerequisites: Volleyball Year II Third Year of Volleyball

BASEBALL YR 4

Course#: 1550910 Credits: 1 Grades: 12
Prerequisites: Baseball Year III Fourth Year of Baseball

BASKETBALL BOYS YR 4

Course#: 1550920 Credits: 1 Grades: 12
Prerequisites: Basketball Year III Fourth Year of Boys Basketball

BASKETBALL GIRLS YR 4

Course#: 1550930 Credits: 1 Grades: 12
Prerequisites: Basketball Year III Fourth Year of Girls Basketball



Athletics

CROSS COUNTRY YR 4

Course#: 1550940 Credits: 1 Grades: 12

Prerequisites: Cross Country Year III Fourth Year of Cross Country

GOLF YR 4

Course#: 1550960 Credits: 1 Grades: 12

Prerequisites: Golf Year III Fourth Year of Golf

SOCCER - BOYS YR 4

Course#: 1550970 Credits: 1 Grades: 12

Prerequisites: Soccer Year III Fourth Year of Boys Soccer

SOCCER - GIRLS YR 4

Course#: 1550980 Credits: 1 Grades: 12

Prerequisites: Soccer Year III Fourth Year of Girls Soccer

SOFTBALL YR 4

Course#: 1550990 Credits: 1 Grades: 12

Prerequisites: Softball Year III Fourth Year of Softball

SWIMMING YR 4

Course#: 1551020 Credits: 1 Grades: 12

Prerequisites: Swimming Year III Fourth Year of Swimming

TENNIS YR 4

Course#: 1551030 Credits: 1 Grades: 12

Prerequisites: Tennis Year III Fourth Year of Tennis

VOLLEYBALL YR 4

Course#: 1551040 Credits: 1 Grades: 12

Prerequisites: Volleyball Year III Fourth Year of Volleyball

WRESTLING YR 1

Course#: 1551160 Credits: 1 Grades: 9-12

Prerequisites: Coach Approval First Year of Wrestling

WRESTLING YR 2

Course#: 1551180 Credits: 1 Grades: 10-12

Prerequisites: Wrestling Year I Second Year of Wrestling

WRESTLING YR 3

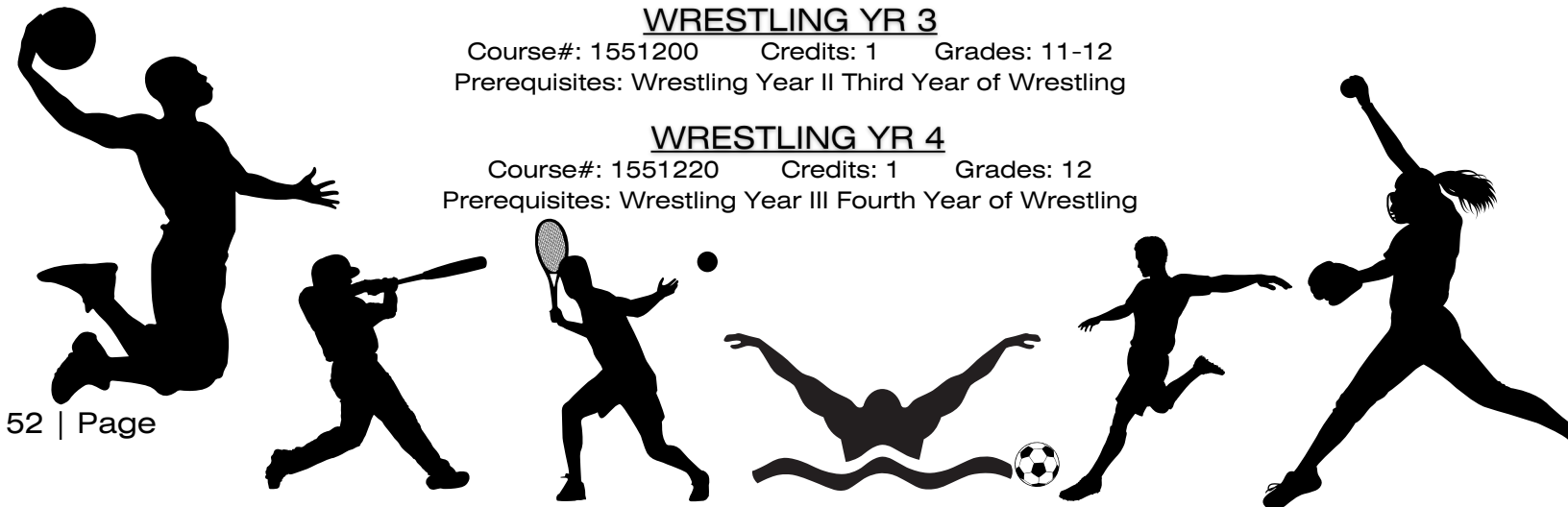
Course#: 1551200 Credits: 1 Grades: 11-12

Prerequisites: Wrestling Year II Third Year of Wrestling

WRESTLING YR 4

Course#: 1551220 Credits: 1 Grades: 12

Prerequisites: Wrestling Year III Fourth Year of Wrestling



Athletics

AEROBICS 1

Course#: 1552100 Credits: 1 Grades: 9-12
Prerequisites: None

In this course students will participate in a variety of aerobic activities that promote physical activity and health throughout their lifetime. Students must purchase a uniform for this class.

AEROBICS 2

Course#: 1552200 Credits: 1 Grades: 10-12
Prerequisites: None

In this course students will participate in a variety of aerobic activities that promote physical activity and health throughout their lifetime. Students must purchase a uniform for this class.

TEAM SPORTS 1

Course#: 1553100 Credits: 1 Grades: 9-12
Prerequisites: None

This course puts emphasis on team sports. Sports offered include volleyball, basketball and softball.

TEAM SPORTS 2

Course#: 1553200 Credits: 1 Grades: 10-12
Prerequisites: None

This course puts emphasis on team sports. Sports offered include volleyball, basketball and softball.

INDIVIDUAL SPORTS

Course#: 1553300 Credits: 1 Grades: 9-12
Prerequisites: None

This course will focus on individual sports and lifetime activities.

OUTDOOR EDUCATION

Course#: 1553400 Credits: 1 Grades: 9-12
Prerequisites: None

The focus of this PE elective is on outdoor activities.

TEAM SPORTS LC

Course#: 1553500 Credits: 1 Grades: 9-12
Prerequisites: None

This course puts emphasis on team sports. Sports offered include volleyball, basketball and softball.

ATHLETIC TRAINING YR 1

Course#: 1555110 Credits: 1 Grades: 9-12
Prerequisites: Teacher Approval

Athletic Training Year 1: This is a sports medicine course designed to enhance the curriculum for students interested in a medical career path. Students may receive physical education or elective credit. Students are required to put in extra hours after school.



Athletics

ATHLETIC TRAINING YR 2

Course#: 1555210 Credits: 1 Grades: 10-12

Prerequisites: Teacher Approval

Athletic Training Year 2: This is a sports medicine course designed to enhance the curriculum for students interested in a medical career path. Students may receive physical education or elective credit. Students are required to put in extra hours after school.

ATHLETIC TRAINING YR 3

Course#: 1555310 Credits: 1 Grades: 11-12

Prerequisites: Teacher Approval

Athletic Training Year 3: This is a sports medicine course designed to enhance the curriculum for students interested in a medical career path. Students may receive physical education or elective credit. Students are required to put in extra hours after school.

ATHLETIC TRAINING YR 4

Course#: 1555410 Credits: 1 Grades: 12

Prerequisites: Teacher Approval

Athletic Training Year 4: This is a sports medicine course designed to enhance the curriculum for students interested in a medical career path. Students may receive physical education or elective credit. Students are required to put in extra hours after school.

FOOTBALL - FRESHMAN

Course#: 1556110 Credits: 1 Grades: 9

Prerequisites: None Freshman Football

FOOTBALL - JV/V YR 1

Course#: 1557110 Credits: 1 Grades: 9-12

Prerequisites: Coach Approval

Year 1: Junior Varsity & Varsity Football

FOOTBALL - JV/V YR 2

Course#: 1557210 Credits: 1 Grades: 10-12

Prerequisites: Coach Approval

Year 2: Junior Varsity & Varsity Football

FOOTBALL - JV/V YR 3

Course#: 1557310 Credits: 1 Grades: 11-12

Prerequisites: Coach Approval

Year 3: Junior Varsity & Varsity Football

FOOTBALL - JV/V YR 4

Course#: 1557410 Credits: 1 Grades: 12

Prerequisites: Coach Approval

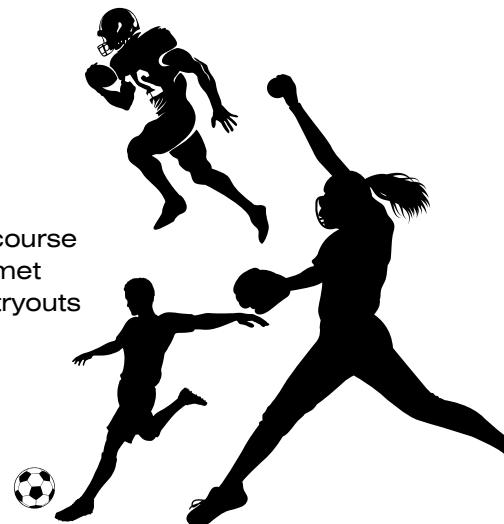
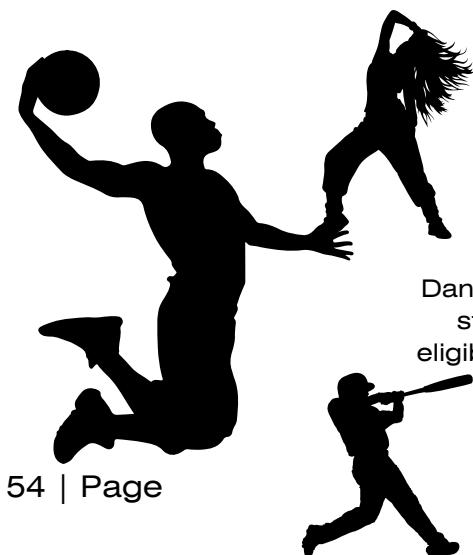
Year 4: Junior Varsity & Varsity Football

DRILL TEAM/DANCE

Course#: 1558110 Credits: 1 Grades: 9-12

Prerequisites: Director Approval

Dance/Drill Team is a performance organization. This course stresses all aspects of dance. Students must have met eligibility requirements and selection is determined by tryouts and director approval.



Athletics

CHEER AEROBICS YR 1

Course#: 1559110 Credits: 1 Grades: 9-12

Prerequisites: Tryouts/Coach Approval

Notes: After 1 state credit of cheerleading is earned, all remaining credits earned are local credits and will not apply toward graduation requirements

Cheerleading Year 1: Students participate in a variety of aerobic activities that promote physical activity and health throughout the lifetime. Participants are expected to perform at various athletic and other events throughout the year. Extensive after school and weekend participation is required.

CHEER AEROBICS YR 2

Course#: 1559120 Credits: 1 Grades: 10-12

Prerequisites: Tryouts/Coach Approval

Notes: After 1 state credit of cheerleading is earned, all remaining credits earned are local credits and will not apply toward graduation requirements

Cheerleading Year 2: Students participate in a variety of aerobic activities that promote physical activity and health throughout the lifetime. Participants are expected to perform at various athletic and other events throughout the year. Extensive after school and weekend participation is required.

CHEER AEROBICS YR 3

Course#: 1559310 Credits: 1 Grades: 11-12

Prerequisites: Tryouts/Coach Approval

Notes: After 1 state credit of cheerleading is earned, all remaining credits earned are local credits and will not apply toward graduation requirements

Cheerleading Year 3: Students participate in a variety of aerobic activities that promote physical activity and health throughout the lifetime. Participants are expected to perform at various athletic and other events throughout the year. Extensive after school and weekend participation is required.

CHEER AEROBICS YR 4

Course#: 1559410 Credits: 1 Grades: 12

Prerequisites: Tryouts/Coach Approval

Notes: After 1 state credit of cheerleading is earned, all remaining credits earned are local credits and will not apply toward graduation requirements

Cheerleading Year 4: Students participate in a variety of aerobic activities that promote physical activity and health throughout the lifetime. Participants are expected to perform at various athletic and other events throughout the year. Extensive after school and weekend participation is required.



Athletics

FOUNDATIONS OF PERSONAL FITNESS

Course#: 1599810 Credits: 1 Grades: 9-12

Prerequisites: None

This course will enable students to help design their own personal workout program. Emphasis will be placed on diet/nutrition, weight training and aerobic exercise.

DRILL TEAM 1

Course#: 1658510 Credits: 1 Grades: 9-12

Prerequisites: Director Approval

Dance/Drill Team is a performance organization. This course stresses all aspects of dance. Students must have met eligibility requirements and selection is determined by tryouts and director approval.

DRILL TEAM 2

Course#: 1658210 Credits: 1 Grades: 10-12

Prerequisites: Director Approval

Dance/Drill Team is a performance organization. This course stresses all aspects of dance. Students must have met eligibility requirements and selection is determined by tryouts and director approval.

DRILL TEAM 3

Course#: 1658310 Credits: 1 Grades: 11-12

Prerequisites: Director Approval

Dance/Drill Team is a performance organization. This course stresses all aspects of dance. Students must have met eligibility requirements and selection is determined by tryouts and director approval.

DRILL TEAM 4

Course#: 1658410 Credits: 1 Grades: 12

Prerequisites: Director Approval

Dance/Drill Team is a performance organization. This course stresses all aspects of dance. Students must have met eligibility requirements and selection is determined by tryouts and director approval.



Athletics

SPORTS MEDICINE 1

Course#: 6050510 Credits: 1 Grades: 9-12

Prerequisites: None

This course provides an opportunity for the study and application of the components of sports medicine including , but not limited to, sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities and therapeutic exercise.

SPORTS MEDICINE 2

Course#: 6050520 Credits: 1 Grades: 10-12

Prerequisites: Sports Medicine I

This course continues the application of the components of sports medicine.



Fine Arts

DANCE 1

Course#: 1659510 Credits: 1 Grades: 9-12

Prerequisites: None

This course stresses all aspects of dance. Students must have met eligibility requirements and selection is determined by tryouts and director approval.

DANCE 2

Course#: 1659610 Credits: 1 Grades: 10-12

Prerequisites: Dance I

Dance/Drill Team is a performance organization. This course stresses all aspects of dance. Students must have met eligibility requirements and selection is determined by tryouts and director approval.

DANCE 3

Course#: 1659710 Credits: 1 Grades: 11-12

Prerequisites: Dance II

Dance/Drill Team is a performance organization. This course stresses all aspects of dance. Students must have met eligibility requirements and selection is determined by tryouts and director approval.

DANCE 4

Course#: 1659810 Credits: 1 Grades: 12

Prerequisites: Dance III

Notes: None Dance/Drill Team is a performance organization. This course stresses all aspects of dance. Students must have met eligibility requirements and selection is determined by tryouts and director approval.

PRE-AP DANCE

Course#: Credits: 1 Grades: 12

Prerequisites: None

The Pre-AP approach to the arts is not to create additional courses to compete with existing offerings; instead, the aim is to offer a framework, instructional resources, and assessment tasks designed to shift practice within a school's already-existing performance-focused courses in four arts disciplines: dance, music, theatre, and visual arts. The framework and instructional materials in all Pre-AP Arts courses include a deliberate focus on the process of producing creative works, including generating and refining ideas, practicing skills and techniques, revision, reflection, and collaboration. Current practice in arts education is often disproportionately product-focused, centering on the final performance or finished portfolio and the development of technical skills that ensure the quality of this presentation. The Pre-AP approach to arts instruction allows room for these as culminating events, but also emphasizes the opportunities for choice making that enhance students' abilities to think critically and creatively as artists. This course requires a Student/Parent/Teacher contract.



Fine Arts

ART 1

Course#: 1661100 Credits: 1 Grades: 9-12

Prerequisites: None

This course is an introduction to basic art techniques and composition using the principles and elements of design. This course includes work in the areas of design, drawing, painting, printmaking, sculpture and ceramics with an introduction to vocabulary and art history.

Requires \$20.00 art fee.

ART 2 - DRAWING

Course#: 1661210 Credits: 1 Grades: 10-12

Prerequisites: Art I

This course is an introduction to various drawing techniques and media with emphasis on black and white media such as charcoal, ink and pencil. Requires \$20.00 art fee.

ART 2 - PAINTING

Course#: 1661220 Credits: 1 Grades: 10-12

Prerequisites: Art I

This course introduces students to various painting techniques using tempera, watercolor, acrylic, pastels and paint sticks. Vocabulary, the history of painting and analyzing artwork will be stressed. This class will focus on murals. Requires \$20.00 art fee.

ART 2 - CERAMICS

Course#: 1661230 Credits: 1 Grades: 10-12

Prerequisites: Art I

This course will focus on the development of hand-building techniques through a variety of projects, both functional and sculptural. Vocabulary, cultural history of ceramics and analyzing artwork will be stressed. Requires \$20.00 art fee.

ART 3 - DRAWING

Course#: 1661310 Credits: 1 Grades: 11-12

Prerequisites: Art II Drawing

This course is a continuation of techniques used in Art II with more emphasis on color and mixed media. Portfolio preparation is emphasized. Requires \$20.00 art fee.

ART 3 - PAINTING

Course#: 1661320 Credits: 1 Grades: 11-12

Prerequisites: Art II Painting

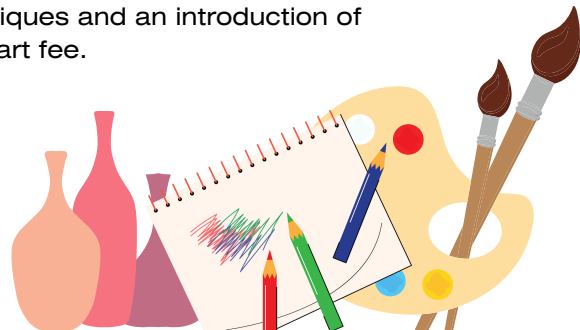
This course is a continuation of various techniques and media introduced in Painting II and serves as an introduction to oil painting and work with mixed media. This class will focus on murals. Requires \$20.00 art fee.

ART 3 - CERAMICS

Course#: 1661330 Credits: 1 Grades: 11-12

Prerequisites: Art II Ceramics

This course is a continuation of work with hand-building techniques and an introduction of throwing on the wheel. Requires \$20.00 art fee.



Fine Arts

ART 4 - DRAWING

Course#: 1661410 Credits: 1 Grades: 12

Prerequisites: Art III Drawing

This course offers a continuation of techniques used in Art III with emphasis on color and mixed media. Portfolio preparation is stressed. Requires \$20.00 art fee

ART 4 - CERAMICS

Course#: 1661430 Credits: 1 Grades: 12

Prerequisites: Art III Ceramics

This course is a continuation of work with hand-building techniques and an introduction of throwing on the wheel. Requires \$20.00 art fee.

AP ART 2-D DESIGN PORTFOLIO

Course#: 16615P0 Credits: 1 Grades: 12

Prerequisites: Art II

The AP Studio Art program offers the highly motivated student advanced work and experience in drawing, 2-D design and 3-D design to prepare one or more portfolios for AP credit. This course may be taken in conjunction with level III and IV Art courses.

Students are expected to take the AP exam; fee for testing. This course requires a Student/Parent/Teacher contract. Requires \$20.00 art fee.

AP ART 3-D DESIGN PORTFOLIO

Course#: 16616P0 Credits: 1 Grades: 12

Prerequisites: Art II

The AP Studio Art program offers the highly motivated student advanced work and experience in drawing, 2-D design and 3-D design to prepare one or more portfolios for AP credit. This course may be taken in conjunction with level III and IV Art courses.

Students are expected to take the AP exam; fee for testing. This course requires a Student/Parent/Teacher contract. Requires \$20.00 art fee.

AP STUDIO ART DRAWING PORTFOLIO

Course#: 16617P0 Credits: 1 Grades: 12

Prerequisites: Art II

The AP Studio Art program offers the highly motivated student advanced work and experience in drawing, 2-D design and 3-D design to prepare one or more portfolios for AP credit. This course may be taken in conjunction with level III and IV Art courses.

Students are expected to take the AP exam; fee for testing. This course requires a Student/Parent/Teacher contract. Requires \$20.00 art fee.

DUAL CREDIT ART APPRECIATION - 1301

Course#: 166180V Credits: 0.5 Grades: 12

Prerequisites: Art I, Art II

Notes: Application process

This is a fully online course. This is an introductory course that studies the visual arts (painting, architecture, sculpture and crafts) through an exploration of their purpose and processes. All online courses have an additional fee charged by Lone Star College of \$30.00.



Fine Arts

AP HISTORY OF ART

Course#: 16618P0 Credits: 1 Grades: 12

Prerequisites: Art II

The History of Art AP course follows the outline as provided by the Advanced Placement Council with special emphasis on the history of Art. Term One covers prehistoric to Renaissance art and Term Two covers Renaissance to 20th century art. Students are expected to take the AP exam. Students are expected to take the AP exam; fee for testing. This course requires a Student/Parent/Teacher contract.

Requires \$20.00 art fee.

MUSIC APPRECIATION

Course#: 1661900 Credits: 1 Grades: 11-12

Prerequisites: None

This course is for students who like to listen to music and want to learn about a variety of musical styles including Popular Music, Country, Jazz, Classical and World Music. Students will be engaged in both classroom learning and a performance lab where they will learn to sing, play guitar and other instruments, and compose original music. No musical experience is necessary

DUAL CREDIT APPRECIATING MUSIC - 1306

Course#: 166190V Credits: 0.5 Grades: 12

Prerequisites: None

Notes: Application process

This is a fully online course. This is a nontechnical course designed to provide the layperson with the understanding necessary for greater enjoyment of music. All online courses have an additional fee charged by Lone Star College of \$30.00.

THEATRE PRODUCTION 2

Course#: 1662100 Credits: 1 Grades: 10-12

Prerequisites: Theatre Production I

This course offers practical hands-on experience in acting and stagecraft through the preparation and public performance of plays. The course includes acting, concepts and skills, theatre production concepts and skills and appreciation of live theatrical events.

THEATRE PRODUCTION 3

Course#: 1662200 Credits: 1 Grades: 11-12

Prerequisites: Theatre Production II

This course offers practical hands-on experience in acting and stagecraft through the preparation and public performance of plays. The course includes acting, concepts and skills, theatre production concepts and skills and appreciation of live theatrical events.

THEATRE PRODUCTION 4

Course#: 1662300 Credits: 1 Grades: 12

Prerequisites: Theatre Production III

This course offers practical hands-on experience in acting and stagecraft through the preparation and public performance of plays. The course includes acting, concepts and skills, theatre production concepts and skills and appreciation of live theatrical events.



Fine Arts

THEATRE ARTS 1

Course#: 1662400 Credits: 1 Grades: 9-12

Prerequisites: None

Pre-AP Option is available during the 2019-2020 school year. Theatre Arts I is an introduction to the theatre. It includes expressive use of the voice and body, acting concepts and skills, theatre production and appreciation of live theatrical events. Theatre Arts II-IV are advanced courses in theatre that include advanced classical and contemporary acting, specialized theatre production (musical, theatre for children, television) and appreciation of live theatrical events.

THEATRE ARTS 2

Course#: 1662500 Credits: 1 Grades: 10-12

Prerequisites: Theatre Arts I

Theatre Arts I is an introduction to the theatre. It includes expressive use of the voice and body, acting concepts and skills, theatre production and appreciation of live theatrical events. Theatre Arts II-IV are advanced courses in theatre that include advanced classical and contemporary acting, specialized theatre production (musical, theatre for children, television) and appreciation of live theatrical events.

THEATRE ARTS 3

Course#: 1662550 Credits: 1 Grades: 11-12

Prerequisites: Theatre Arts II

Theatre Arts I is an introduction to the theatre. It includes expressive use of the voice and body, acting concepts and skills, theatre production and appreciation of live theatrical events. Theatre Arts II-IV are advanced courses in theatre that include advanced classical and contemporary acting, specialized theatre production (musical, theatre for children, television) and appreciation of live theatrical events.

THEATRE ARTS 4

Course#: 1662560 Credits: 1 Grades: 12

Prerequisites: Theatre Arts III

Theatre Arts I is an introduction to the theatre. It includes expressive use of the voice and body, acting concepts and skills, theatre production and appreciation of live theatrical events. Theatre Arts II-IV are advanced courses in theatre that include advanced classical and contemporary acting, specialized theatre production (musical, theatre for children, television) and appreciation of live theatrical events.

DUAL CREDIT THEATER APPRECIATION - 1310

Course#: 16625DV Credits: 0.5 Grades: 12

Prerequisites: None

Notes: Application process

This course surveys dramatic arts including plays, basic theories, history, stages, make-up, costuming, acting and directing. It provides an introduction to the theatre plant and theatre activities augmented by textbook study of stage terminology and an introduction to the organization of production procedure. All students will be required to adhere to Lone Star College Policies/Fees. Refer to Lone Star College for details. Grades for this course are awarded based on Lone Star College grading policies.



Fine Arts

TECHNICAL THEATRE 1

Course#: 1662600 Credits: 1 Grades: 9-12

Prerequisites: None

This course offers the student practical hands-on experience in stagecraft through the preparation of public performance of plays. The course includes scenery construction, scenic painting, stage lighting, sound, costume, makeup, publicity and appreciation of live theatrical events.

TECHNICAL THEATRE 2

Course#: 1662700 Credits: 1 Grades: 10-12

Prerequisites: Technical Theatre I

This course offers the student practical hands-on experience in stagecraft through the preparation of public performance of plays. The course includes scenery construction, scenic painting, stage lighting, sound, costume, makeup, publicity and appreciation of live theatrical events.

TECHNICAL THEATRE 3

Course#: 1662800 Credits: 1 Grades: 11-12

Prerequisites: Technical Theatre II

This course offers the student practical hands-on experience in stagecraft through the preparation of public performance of plays. The course includes scenery construction, scenic painting, stage lighting, sound, costume, makeup, publicity and appreciation of live theatrical events.

TECHNICAL THEATRE 4

Course#: 1662900 Credits: 1 Grades: 12

Prerequisites: Technical Theatre III

This course offers the student practical hands-on experience in stagecraft through the preparation of public performance of plays. The course includes scenery construction, scenic painting, stage lighting, sound, costume, makeup, publicity and appreciation of live theatrical events.

CHORALE 1

Course#: 1663110 Credits: 1 Grades: 9-12

Prerequisites: Audition, Director Approval

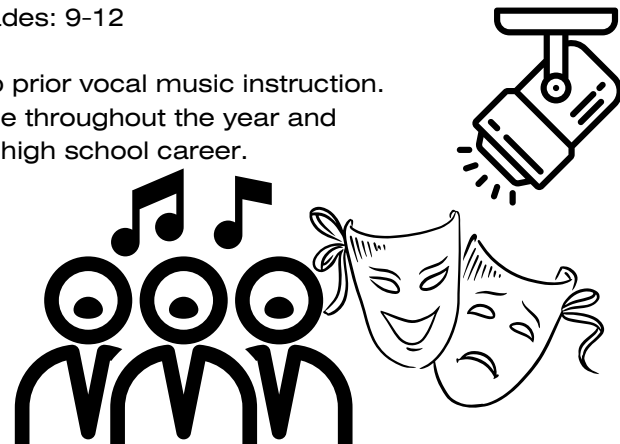
The Chorale is a part of the overall HHS Choral program. This is a performance-based course where students build their musical skills and vocal technique throughout the year. The Chamber Ensemble will compete in UIL and TMEA sponsored events throughout the year as well as school related and public performances. After school rehearsals and performances are required.

CONCERT CHOIR 1

Course#: 1663130 Credits: 1 Grades: 9-12

Prerequisites: None

This is an introductory course designed for students with no prior vocal music instruction. Students will build vocal music skills and vocal technique throughout the year and throughout the progression of courses over their high school career.



Fine Arts

SELECT WOMEN'S CHOIR 1

Course#: 1663150 Credits: 1 Grades: 9-12

Prerequisites: Audition, Director Approval

The Select Women's Choir is a part of the overall HHS Choral program. This is a performance-based course where female students build their musical skills and vocal technique throughout the year. The Treble Choir will compete in UIL and TMEA sponsored events throughout the year as well as school related and public performances. After school rehearsals and performances are required.

CHORALE 2

Course#: 1663210 Credits: 1 Grades: 10-12

Prerequisites: Audition, Director Approval

The Chorale is a part of the overall HHS Choral program. This is a performance-based course where students build their musical skills and vocal technique throughout the year. The Chamber Ensemble will compete in UIL and TMEA sponsored events throughout the year as well as school related and public performances. After school rehearsals and performances are required.

CONCERT CHOIR 2

Course#: 1663230 Credits: 1 Grades: 10-12

Prerequisites: None

This is an introductory course designed for students with no prior vocal music instruction. Students will build vocal music skills and vocal technique throughout the year and throughout the progression of courses over their high school career.

SELECT WOMEN'S CHOIR 2

Course#: 1663240 Credits: 1 Grades: 10-12

Prerequisites: Audition, Director Approval

The Select Women's Choir is a part of the overall HHS Choral program. This is a performance-based course where female students build their musical skills and vocal technique throughout the year. The Treble Choir will compete in UIL and TMEA sponsored events throughout the year as well as school related and public performances. After school rehearsals and performances are required.

CHORALE 3

Course#: 1663310 Credits: 1 Grades: 11-12

Prerequisites: Audition, Director Approval

The Chorale is a part of the overall HHS Choral program. This is a performance-based course where students build their musical skills and vocal technique throughout the year. The Chamber Ensemble will compete in UIL and TMEA sponsored events throughout the year as well as school related and public performances. After school rehearsals and performances are required.

CONCERT CHOIR 3

Course#: 1663330 Credits: 1 Grades: 11-12

Prerequisites: None

This is an introductory course designed for students with no prior vocal music instruction. Students will build vocal music skills and vocal technique throughout the year and throughout the progression of courses over their high school career.



Fine Arts

SELECT WOMEN'S CHOIR 3

Course#: 1663340 Credits: 1 Grades: 11-12

Prerequisites: Audition, Director Approval

The Select Women's Choir is a part of the overall HHS Choral program. The Treble Choir will compete in UIL and TMEA sponsored events throughout the year as well as school related and public performances. After school rehearsals and performances are required.

CHORALE 4

Course#: 1663410 Credits: 1 Grades: 12

Prerequisites: Audition, Director Approval

The Chorale is a part of the overall HHS Choral program. This is a performance-based course where students build their musical skills and vocal technique throughout the year. The Chamber Ensemble will compete in UIL and TMEA sponsored events throughout the year as well as school related and public performances. After school rehearsals and performances are required.

CONCERT CHOIR 4

Course#: 1663430 Credits: 1 Grades: 12

Prerequisites: None

This is an introductory course designed for students with no prior vocal music instruction. Students will build vocal music skills and vocal technique throughout the year and throughout the progression of courses over their high school career.

SELECT WOMEN'S CHOIR 4

Course#: 1663440 Credits: 1 Grades: 12

Prerequisites: Audition, Director Approval

The Select Women's Choir is a part of the overall HHS Choral program. This is a performance-based course where female students build their musical skills and vocal technique throughout the year. The Treble Choir will compete in UIL and TMEA sponsored events throughout the year as well as school related and public performances. After school rehearsals and performances are required.

APPLIED VOICE 1

Course#: 1663500 Credits: 1 Grades: 9-12

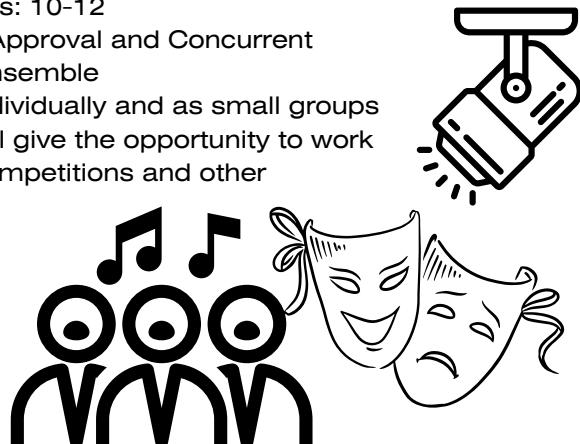
Prerequisites: Prior Choral Experience, Audition, Director Approval and Concurrent Enrollment in Treble Choir or Chamber Ensemble This course is designed for advanced students to work both individually and as small groups on advanced music literature and technical development. It will give the opportunity to work on music for all-state auditions, solo and ensemble competitions and other concerts/contests.

APPLIED VOICE 2

Course#: 1663600 Credits: 1 Grades: 10-12

Prerequisites: Prior Choral Experience, Audition, Director Approval and Concurrent Enrollment in Treble Choir or Chamber Ensemble

This course is designed for advanced students to work both individually and as small groups on advanced music literature and technical development. It will give the opportunity to work on music for all-state auditions, solo and ensemble competitions and other concerts/contests.



Fine Arts

APPLIED VOICE 3

Course#: 1663700 Credits: 1 Grades: 11-12

Prerequisites: Prior Choral Experience, Audition, Director Approval and Concurrent Enrollment in Treble Choir or Chamber Ensemble

This course is designed for advanced students to work both individually and as small groups on advanced music literature and technical development. It will give the opportunity to work on music for all-state auditions, solo and ensemble competitions and other concerts/contests.

APPLIED PERCUSSION 1

Course#: 1664110 Credits: 1 Grades: 9-12

Prerequisites: Prior Band Experience, Audition, Director Approval Applied Band-Percussion is part of the overall band program at Huntsville High School.

This course is a performance-based course where skills and styles of concert band, contemporary percussion literature in both the indoor and outdoor drumline and percussion ensemble genres will be fully developed throughout the year. This course is combined with the Wind Symphony, Wind Ensemble, Symphonic Band and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The bands will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.

CONCERT MARCH BAND 1

Course#: 1664130 Credits: 1 Grades: 9-12

Prerequisites: Prior Band Experience, Audition, Director Approval The Concert Band is part of the overall band program at Huntsville High School.

This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Symphony, Wind Ensemble and Symphonic Band during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.

SYMPHONIC BAND 1

Course#: 1664140 Credits: 1 Grades: 9-12

Prerequisites: Prior Band Experience, Audition, Director Approval The Symphonic Band is part of the overall band program at Huntsville High School.

This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Symphony, Wind Ensemble and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL

WIND ENSEMBLE 1

Course#: 1664150 Credits: 1 Grades: 9-12

Prerequisites: Prior Band Experience, Audition, Director Approval The Wind Ensemble is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Symphony, Symphonic and Concert Bands during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.



Fine Arts

WIND SYMPHONY 1

Course#: 1664160 Credits: 1 Grades: 9-12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Wind Symphony is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Ensemble, Symphonic Band and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.

APPLIED PERCUSSION 2

Course#: 1664210 Credits: 1 Grades: 10-12

Prerequisites: Prior Band Experience, Audition, Director Approval

Applied Band-Percussion is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band, contemporary percussion literature in both the indoor and outdoor drumline and percussion ensemble genres will be fully developed throughout the year. This course is combined with the Wind Symphony, Wind Ensemble, Symphonic Band and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The bands will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.

Prior Band Experience, Audition, Director Approval

Applied Band-Percussion is part of the overall band program at Huntsville High School. This course is a performance-based course.

SYMPHONIC BAND 2

Course#: 1664240 Credits: 1 Grades: 10-12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Symphonic Band is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Symphony, Wind Ensemble and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL.

WIND ENSEMBLE 2

Course#: 1664250 Credits: 1 Grades: 10-12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Wind Ensemble is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Symphony, Symphonic and Concert Bands during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.

WIND SYMPHONY 2

Course#: 1664260 Credits: 1 Grades: 10-12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Wind Symphony is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Ensemble, Symphonic Band and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.



Fine Arts

APPLIED PERCUSSION 3

Course#: 1664310 Credits: 1 Grades: 11-12

Prerequisites: Prior Band Experience, Audition, Director Approval

Applied Band-PerCUSSION is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band, contemporary percussion literature in both the indoor and outdoor drumline and percussion ensemble genres will be fully developed throughout the year. This course is combined with the Wind Symphony, Wind Ensemble, Symphonic Band and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The bands will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.

CONCERT MARCH BAND 3

Course#: 1664330 Credits: 1 Grades: 11-12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Concert Band is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Symphony, Wind Ensemble and Symphonic Band during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.

SYMPHONIC BAND 3

Course#: 1664240 Credits: 1 Grades: 10-12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Symphonic Band is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Symphony, Wind Ensemble and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL.

WIND ENSEMBLE 3

Course#: 1664350 Credits: 1 Grades: 11-12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Wind Ensemble is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.

WIND SYMPHONY 3

Course#: 1664360 Credits: 1 Grades: 11-12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Wind Symphony is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Ensemble, Symphonic Band and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.



Fine Arts

APPLIED PERCUSSION 4

Course#: 1664410 Credits: 1 Grades: 12

Prerequisites: Prior Band Experience, Audition, Director Approval

Applied Band-Percussion is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band, contemporary percussion literature. This course is combined with the Wind Symphony, Wind Ensemble, Symphonic Band and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The bands will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.

CONCERT MARCH BAND 4

Course#: 1664430 Credits: 1 Grades: 12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Concert Band is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Symphony, Wind Ensemble and Symphonic Band during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.

SYMPHONIC BAND 4

Course#: 1664440 Credits: 1 Grades: 12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Symphonic Band is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Symphony, Wind Ensemble and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL.

WIND ENSEMBLE 4

Course#: 1664450 Credits: 1 Grades: 12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Wind Ensemble is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Symphony, Symphonic and Concert Bands during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.

WIND SYMPHONY 3

Course#: 1664360 Credits: 1 Grades: 11-12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Wind Symphony is part of the overall band program at Huntsville High School. This course is a performance-based course where skills and styles of concert band playing will be fully developed throughout the year. The band is combined with the Wind Ensemble, Symphonic Band and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.



Fine Arts

WIND SYMPHONY 4

Course#: 1664460 Credits: 1 Grades: 12

Prerequisites: Prior Band Experience, Audition, Director Approval

The Wind Symphony is part of the overall band program at Huntsville High School. The band is combined with the Wind Ensemble, Symphonic Band and Concert Band during the fall to make up the Huntsville Hornet Military Marching Band. The band will compete in UIL and TMEA sponsored events throughout the year as well as school-related and public performances. After school rehearsals and performances are required.

APPLIED WINDS 1

Course#: 1665110 Credits: 1 Grades: 9-12

Prerequisites: Prior Band Experience, Audition, Director Approval, Concurrent Enrollment in Wind Symphony, Wind Ensemble, Symphonic and Concert Band

This course is designed for advanced students to work both individually and as small groups on advanced college-level music literature and technical development. It will give the opportunity to work on music for all-region, all-area and all-state auditions and solo and ensemble competition.

APPLIED WINDS 2

Course#: 1665210 Credits: 1 Grades: 10-12

Prerequisites: Prior Band Experience, Audition, Director Approval, Concurrent Enrollment in Wind Symphony, Wind Ensemble, Symphonic and Concert Band

This course is designed for advanced students to work both individually and as small groups on advanced college-level music literature and technical development. It will give the opportunity to work on music for all-region, all-area and all-state auditions and solo and ensemble competition.

APPLIED WINDS 3

Course#: 1665310 Credits: 1 Grades: 11-12

Prerequisites: Prior Band Experience, Audition, Director Approval, Concurrent Enrollment in Wind Symphony, Wind Ensemble, Symphonic and Concert Band

This course is designed for advanced students to work both individually and as small groups on advanced college-level music literature and technical development. It will give the opportunity to work on music for all-region, all-area and all-state auditions and solo and ensemble competition.

APPLIED WINDS 4

Course#: 1665410 Credits: 1 Grades: 12

Prerequisites: Prior Band Experience, Audition, Director Approval, Concurrent Enrollment in Wind Symphony, Wind Ensemble, Symphonic and Concert Band

This course is designed for advanced students to work both individually and as small groups on advanced college-level music literature and technical development. It will give the opportunity to work on music for all-region, all-area and all-state auditions and solo and ensemble competition.

INTRO TO JAZZ BAND 1

Course#: 1666110 Credits: 1 Grades: 9-12

Prerequisites: Prior Band Experience, Audition, Director Approval

This course is a performance-based course where skills and styles of the American Jazz idiom will be taught. It is open to all students who are currently enrolled in either Wind Ensemble or Symphonic Band and who play trumpet, saxophone, trombone and rhythm section with director approval. Concurrent enrollment in one of the four main performing bands (Wind Symphony/Wind Ensemble/Symphonic Band/Concert Band) is required to be a member of this class. This unit of the Huntsville Band Program will compete and/or perform in various events throughout the year. Some after school rehearsals and performances are required.



Fine Arts

INTRO TO JAZZ BAND 2

Course#: 1666210 Credits: 1 Grades: 10-12 Prerequisites: Prior Band Experience, Audition, Director Approval This course is a performance-based course where skills and styles of the American Jazz idiom will be taught. It is open to all students who are currently enrolled in either Wind Ensemble or Symphonic Band and who play trumpet, saxophone, trombone and rhythm section with director approval. Concurrent enrollment in one of the four main performing bands (Wind Symphony/Wind Ensemble/Symphonic Band/Concert Band) is required to be a member of this class. This unit of the Huntsville Band Program will compete and/or perform in various events throughout the year. Some after school rehearsals and performances are required.

JAZZ BAND 2

Course#: 1666230 Credits: 1 Grades: 10-12 Prerequisites: Prior Band Experience, Audition, Director Approval This course is a performance-based course where skills and styles of the American Jazz idiom will be taught. It is open to all students who are currently enrolled in either Wind Ensemble or Symphonic Band and who play trumpet, saxophone, trombone and rhythm section with director approval. Concurrent enrollment in one of the four main performing bands (Wind Symphony/Wind Ensemble/Symphonic Band/Concert Band) is required to be a member of this class. This unit of the Huntsville Band Program will compete and/or perform in various events throughout the year. Some after school rehearsals and performances are required.

INTRO TO JAZZ BAND 3

Course#: 1666310 Credits: 1 Grades: 11-12 Prerequisites: Prior Band Experience, Audition, Director Approval Notes: None

This course is a performance-based course where skills and styles of the American Jazz idiom will be taught. It is open to all students who are currently enrolled in either Wind Ensemble or Symphonic Band and who play trumpet, saxophone, trombone and rhythm section with director approval. Concurrent enrollment in one of the four main performing bands (Wind Symphony/Wind Ensemble/Symphonic Band/Concert Band) is required to be a member of this class. This unit of the Huntsville Band Program will compete and/or perform in various events throughout the year. Some after school rehearsals and performances are required.

JAZZ BAND 3

Course#: 1666330 Credits: 1 Grades: 11-12 Prerequisites: Prior Band Experience, Audition, Director Approval This course is a performance-based course where skills and styles of the American Jazz idiom will be taught. It is open to all students who are currently enrolled in either Wind Ensemble or Symphonic Band and who play trumpet, saxophone, trombone and rhythm section with director approval. Concurrent enrollment in one of the four main performing bands (Wind Symphony/Wind Ensemble/Symphonic Band/Concert Band) is required to be a member of this class. This unit of the Huntsville Band Program will compete and/or perform in various events throughout the year. Some after school rehearsals and performances are required.



Fine Arts

INTRO TO JAZZ BAND 4

Course#: 1666410 Credits: 1 Grades: 12-12 Prerequisites: Prior Band Experience, Audition, Director Approval This course is a performance-based course where skills and styles of the American Jazz idiom will be taught. It is open to all students who are currently enrolled in either Wind Ensemble or Symphonic Band and who play trumpet, saxophone, trombone and rhythm section with director approval. Concurrent enrollment in one of the four main performing bands (Wind Symphony/Wind Ensemble/Symphonic Band/Concert Band) is required to be a member of this class. This unit of the Huntsville Band Program will compete and/or perform in various events throughout the year. Some after school rehearsals and performances are required.

JAZZ BAND 4

Course#: 1666430 Credits: 1 Grades: 12-12 Prerequisites: Prior Band Experience, Audition, Director Approval This course is a performance-based course where skills and styles of the Jazz are open to those who play trumpet, saxophone, trombone and rhythm section with director approval. Concurrent enrollment in one of the four main performing bands (Wind Symphony/Wind Ensemble/Symphonic Band/Concert Band) is required to be a member of this class. This unit of the Huntsville Band Program will compete and/or perform in various events throughout the year. Some after school rehearsals and performances are required.



Languages other Than English

FRENCH 1

Course#: 1771110 Credits: 1 Grades: 9-12

Prerequisites: None

This course is an introduction to the French language and French-speaking people with emphasis on speaking and listening skills and the beginning of reading and writing skills.

FRENCH 2

Course#: 1771210 Credits: 1 Grades: 10-12

Prerequisites: French I

This course is a review and further development of basic skills acquired in French I, including culture and is a continuation of development of day-to-day communication skills.

PRE-AP FRENCH 2

Course#: 17712Q0 Credits: 1 Grades: 10-12

Prerequisites: French I

This advanced course is designed for students who desire to continue beyond the second year of French. Course consists of an intensive review with emphasis on speaking and listening skills with further development in reading, writing and culture. Emphasis is placed on conversational skills and more advanced grammar and reading assignments throughout the year. Students should expect daily homework along with independent practice and projects. This course is designed to prepare students for PRE-AP French III. This course requires a Student/Parent/Teacher contract.

FRENCH 3

Course#: 1771310 Credits: 1 Grades: 11-12

Prerequisites: French II

This course is a review and further development of basic skills acquired in French II, including culture and is a continuation of development of day-to-day communication skills.

PRE-AP FRENCH 3

Course#: 17713Q0 Credits: 1 Grades: 11-12

Prerequisites: Recommended PRE-AP French II

This advanced class is designed for students who plan on taking AP French IV. Course is a thorough review of grammar with longer, more difficult reading selections and increased awareness of French civilization and culture. Course provides continuous opportunities to improve speaking and listening skills. Class will be conducted mainly in French. This course requires a Student/Parent/Teacher contract.

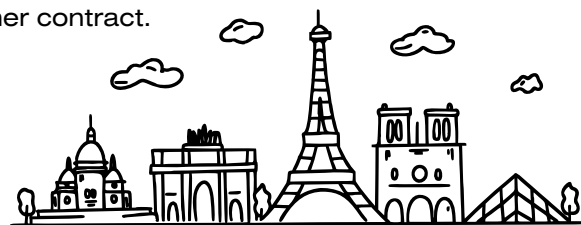
AP FRENCH 4

Course#: 17714P0 Credits: 1 Grades: 12

Prerequisites: Recommended PRE-AP French III

This advanced class is designed for students who plan on taking the AP exam or CLEP test at a university. This course is a culmination of several years of study and seeks to develop and refine skills that have been acquired over a student's entire school career with emphasis on the four skills of reading, writing, speaking and listening in French. Preparation for the AP test will be included. Students are expected to take the AP exam; fee for testing.

This course requires a Student/Parent/Teacher contract.



Languages other Than English

AP FRENCH 5

Course#: 17715P0 Credits: 1 Grades: 12

Prerequisites: Recommended AP French IV

This advanced class is designed for students who plan on taking the AP exam or CLEP test at a university. This course is a culmination of several years of study and seeks to develop and refine skills that have been acquired over a student's entire school career with emphasis on the four skills of reading, writing, speaking and listening in French. Preparation for the AP test will be included. Students are expected to take the AP exam; fee for testing. This course requires a Student/Parent/Teacher contract.

GERMAN 1

Course#: 1772110 Credits: 1 Grades: 9-12

Prerequisites: None

This course is an introduction to the German language and German-speaking people with emphasis on speaking and listening skills and the beginning of reading and writing skills.

GERMAN 2

Course#: 1772210 Credits: 1 Grades: 10-12

Prerequisites: German I

This course is a review and further development of basic skills acquired in German I, including culture and is a continuation of development of day-to-day communication skills.

PRE-AP GERMAN 2

Course#: 17722Q0 Credits: 1 Grades: 10-12

Prerequisites: Recommended PRE-AP German I

This advanced course is designed for students who desire to continue beyond the second year of German. Course consists of an intensive review with emphasis on speaking and listening skills with further development in reading, writing and culture. Emphasis is placed on conversational skills and more advanced grammar and reading assignments throughout the year. Students are expected to use the target language as much as possible in the classroom. Students should expect daily homework along with independent practice and projects. This course is designed to prepare students for PRE-AP German III. This course requires a Student/Parent/Teacher contract.

PRE-AP GERMAN 3

Course#: 17723Q0 Credits: 1 Grades: 11-12

Prerequisites: Recommended PRE-AP German II

This advanced class is designed for students who plan on taking AP German IV. Course is a thorough review of grammar with longer, more difficult reading selections and increased awareness of German civilization and culture. Course provides continuous opportunities to improve speaking and listening skills. Class will be conducted mainly in German. This course requires a Student/Parent/Teacher contract.



Languages other Than English

AP GERMAN 4

Course#: 17724P0 Credits: 1 Grades: 12

Prerequisites: Recommended PRE-AP German III

This advanced class is designed for students who plan on taking the AP exam or CLEP test at a university. This course is a culmination of several years of study and seeks to develop and refine skills that have been acquired over a student's entire school career with emphasis on the four skills of reading, writing, speaking and listening in German. Preparation for the AP test will be included. Students are expected to take the AP exam; fee for testing. This course has a required summer reading assignment.

AP GERMAN 5

Course#: 17725P0 Credits: 1 Grades: 12

Prerequisites: Recommended AP German IV

This advanced class is designed for students who are planning on taking the AP exam, CLEP test or continuing studying German at the university level. At the end of the course, students should be able to demonstrate proficiency on the German Composition AP Exam to earn college credit. Students are expected to take the AP exam; fee for testing. This course has a required summer reading assignment. It is the student's responsibility to obtain and complete this assignment. This course requires a Student/Parent/Teacher contract.

SPANISH 1

Course#: 1773110 Credits: 1 Grades: 9-12

Prerequisites: None

This course is an introduction to the Spanish language and Spanish-speaking people with emphasis on speaking and listening skills and the beginning of reading and writing skills.

SPANISH FOR NATURAL SPEAKERS 1

Course#: 1773200 Credits: 1 Grades: 9-12

Prerequisites: Demonstration of moderate to advanced proficiency on the Native Speaker's Exam

This course is designed to meet the special needs of native Spanish speakers and to improve their knowledge of the grammar of written and spoken Spanish and to expand their awareness of the literature, poetry, art and culture of the Hispanic world.

SPANISH 2

Course#: 1773210 Credits: 1 Grades: 9-12

Prerequisites: Spanish I

This course is a review and further development of basic skills acquired in Spanish I, including culture and is a continuation of development of day-to-day communication skills.

PRE-AP SPANISH 2

Course#: 17732Q0 Credits: 1 Grades: 9-12

Prerequisites: Recommended PRE-AP Spanish II

This advanced course is designed for students who desire to continue beyond the second year of Spanish. Emphasis is placed on conversational skills and more advanced grammar and reading assignments throughout the year. Students are expected to use the target language as much as possible in the classroom. Students should expect daily homework along with independent practice and projects. This course is designed to prepare students for PRE-AP Spanish III. This course requires a Student/Parent/Teacher contract.



Languages other Than English

SPANISH 3

Course#: 1773310 Credits: 1 Grades: 10-12

Prerequisites: Spanish II

This course is a review and further development of basic skills acquired in Spanish II, including culture and is a continuation of development of day-to-day communication skills.

PRE-AP SPANISH 3

Course#: 17733Q0 Credits: 1 Grades: 10-12

Prerequisites: Recommended PRE-AP Spanish II

This advanced class is designed for students who plan on taking AP Spanish IV. Course is a thorough review of grammar with longer, more difficult reading selections and increased awareness of Spanish civilization and culture. Course provides continuous opportunities to improve speaking and listening skills. Class will be conducted mainly in Spanish. This course requires a Student/Parent/Teacher contract.

AP SPANISH 4

Course#: 17734P0 Credits: 1 Grades: 11-12

Prerequisites: Recommended PRE-AP Spanish III

This course is a culmination of several years of study and seeks to develop and refine skills that have been acquired over a student's entire school career with emphasis on the four skills of reading, writing, speaking and listening in Spanish.

AP SPANISH 5

Course#: 17735P0 Credits: 1 Grades: 12

Prerequisites: Recommended AP Spanish IV

This advanced class includes advanced review of grammar and usage, as well as intensive study of five Spanish authors as required to successfully complete the AP test in Spanish Language and Literature to earn college credit. Students are expected to take the AP exam; fee for testing. This course requires a Student/Parent/Teacher contract.



General Electives

OFFICE AIDE - 12TH GRADE

Course#: 408090V Credits: 1 Grades: 12

Prerequisites: Approval by Dean of Student Learning

This course is for selected students to assist in office work. Areas of assignment include, but are not limited to, the principal's office, assistant principals' offices, attendance office, and reception area. An exemplary discipline and attendance record is required and students may serve only one class period as a student aide. Student aides may not be on the fees and fines list at the beginning of each semester.

COLLEGE TRANSITION

Course# Credits: 1 Grades: 9-12

College Transition is designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners, both in high school and in college. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal setting, effective time management, handling stress, note taking, active reading, test-taking strategies, and conducting research. In the College Transition course, students will research financial scholarships and grant opportunities, complete applications, and explore technical schools, colleges, and universities.

With the increased emphasis on career and college readiness and post-secondary education, students need a course that will provide opportunities to meet these post-secondary opportunities in grades 9-12

COMMUNITY TRANSPORTATION

Course# Credits: 0.5 Grades: 9-12

The purpose of this course is to introduce knowledge and skills to empower students to research and access public transportation options in their respective communities. Areas to be addressed include pedestrian and rider safety, navigating public transportation systems, use of technology, and general social skills, including self-advocacy, self-assertiveness, and transportation etiquette. This course provides necessary transportation information, resources, and opportunities that will benefit students in secondary and postsecondary environments as they follow their chosen education or career path.

EARLY RELEASE

Course#: 408190V Credits: 0 Grades: 12

Prerequisites: Classified as a 12th grader

The Early Release and Late Arrival scheduling options for seniors are privileges in which the school maintains the discretion to revoke at any time for failure to comply with any of the following expectations. Specific Rules Apply.

LATE ARRIVAL

Course#: 408191V Credits: 0 Grades: 12

Prerequisites: Classified as a 12th grader

The Early Release and Late Arrival scheduling options for seniors are privileges in which the school maintains the discretion to revoke at any time for failure to comply with any of the following expectations. Specific Rules Apply.

General Electives

MAKING CONNECTIONS

Course# Credits: 0.5 Grades: 9-12

The Making Connections course sequence serves students who have an autism spectrum disorder or a related disorder such as social (pragmatic) communication disorder which causes them to have difficulty with social skills. The courses also assist the students with developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcome. Making Connections I assist the students in developing an understanding of autism and other related disorders. The course also assists the students in developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcome.

MAKING CONNECTIONS 2

Course# Credits: 0.5 Grades: 9-12

The Making Connections course sequence serves students who have an autism spectrum disorder or a related disorder such as social (pragmatic) communication disorder which causes them to have difficulty with social skills. The courses also assist the students with developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcomes.

MAKING CONNECTIONS 3

Course# Credits: 0.5 Grades: 9-12

The Making Connections course sequence serves students who have an autism spectrum disorder or a related disorder such as social (pragmatic) communication disorder which causes them to have difficulty with social skills. The courses also assist the students with developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcome. Making Connections III assists students in understanding how their specific disability impacts their learning style. Students learn to employ the proper accommodations and modifications to be more successful.

Additionally, they develop the skill to effectively self-advocate for the accommodations and modifications they require.

MAKING CONNECTIONS 4

Course# Credits: 0.5 Grades: 9-12

The Making Connections course sequence serves students who have an autism spectrum disorder or a related disorder such as social (pragmatic) communication disorder which causes them to have difficulty with social skills. The courses also assist the students with developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcome. Making Connections IV assists students with developing skills to employ collaborative problem solving.

General Electives

METHODOLOGY FOR ACADEMIC AND PERSONAL SUCCESS (MAPS)

Course# Credit: 1 Grades: 9-12

The course focuses on the skills and strategies necessary for students to make a successful transition into high school and an academic career. Students will explore the options available in high school, higher education, and the professional world in order to establish both immediate and long-range personal goals. After identifying their individual learning styles and abilities, students will build on these abilities by developing critical time-management, organization and study skills. The course focuses on self-understanding, decision-making, resiliency, attitude, character education, and leadership to help students maximize personal achievement. Students will develop the specific strategies necessary to achieve their personal and professional goals. The course emphasizes proactive problem-solving, self-determination, and independent thinking and learning skills. In addition, students will explore and experience collaboration as a tool for creative problem solving. As part of goal setting and leadership activities, students may complete an outside community service-learning experience in addition to class assignments.

GIFTED-TALENTED INTERDISCIPLINARY STUDIES SEMINAR I-IV

Course#: N1290309/313/317/318 Credits: 1 Grades: 9-12

Prerequisites: Approval by Dean of Student Learning

This course is based on the required Texas Performance Standards Project (TPSP) for gifted and talented (G/T) learners; it offers a non-traditional learning experience to students who have the ability to create innovative products and/or performances. Students will develop a product proposal, compile a portfolio, conduct in-depth research, be matched with a mentor from the professional community, and prepare for a public presentation of their portfolio, product, or performance at the end of the school year. An audience that includes expert(s) in the field will evaluate the product and/or performance. Students work with their mentor to create a related product with real-world application and tangible documentation. The final product will be shared with an audience outside the school setting.

CTE Electives

CAREER PREPARATION I/EXTENDED

Course#: 2080600 Credits: 3 Grades: 11-12

Prerequisites: None

Notes: Students must meet minimum attendance accountability and workplace training agreements to enter and remain in the course.

This program is designed to provide students with a diverse background in career interests with global work skills that will transfer to all areas of employment and provide the transition from school to work or a post-secondary program. Students will utilize employability skills to gain a position in a company; develop skills for success in the workplace; apply work ethics; integrate academic skills into workplace responsibilities; recognize the legal responsibilities of the profession; enhance self-development and interpersonal skills; identify skills related to safety at the workplace; acquire the academic and technical skills for future education and employment and identify skills and attributes necessary for professional advancement.

Each student will have an individual training plan that will address their job specific knowledge and skills. Approved training sponsors will provide paid occupational training for a student.

CAREER PREPARATION II/EXTENDED

Course#: 2080700 Credits: 3 Grades: 11-12

Prerequisites: None

Notes: Students must meet minimum attendance accountability and workplace training agreements to enter and remain in the course. This course is a continuation of Career Preparation I.

GENERAL EMPLOYABILITY SKILLS CAREER DEVELOPMENT

Course# Credits: 1 Grades: 9-12

Prerequisites: None

This course provides students with knowledge of the prerequisite skills for general employment as well as the means of obtaining those skills. Employability skills include fundamentals of maintenance of personal appearance and grooming. The course also includes the knowledge, skills, and attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong members of the work team. Discovering job possibilities that link skills, abilities, interests, values, needs, and work environment preferences is a part of the process of obtaining employability skills and abilities and is experiential learning that takes place over time. This course is designed to guide students in obtaining the knowledge and the needed employability skills that are transferable among a variety of jobs and careers and are considered essential in any employment situation. Students will learn and apply basic knowledge of what is expected in the workplace.

PROFESSIONAL COMMUNICATIONS

Course#: 221550V Credits: 0.5 Grades: 9-12

Prerequisites: None

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.

CTE Electives

STUDENT TO INDUSTRY CONNECTION CAREER DEVELOPMENT

Course#: Credit: 1 Grades: 11-12

The Student to Industry Connection course provides students with the opportunity to develop professional relationships with experienced individuals within the student's chosen program of study and to demonstrate necessary skills for an online virtual workplace.

Students will learn acceptable virtual etiquette and professionalism for a teleworking environment. The central focus of this course is to prepare students to be 21st century career ready through interaction with a seasoned workplace mentor. The course may include a work-based learning component. Instruction will support students with marketable skills attainment. The course is recommended for students 16 years of age or older.

WORKFORCE DUAL CREDIT WITH LONE STAR COLLEGE

Course#: 2080900 Credits: 3 Grades: 12

Prerequisites: All students will be required to adhere to Lone Star College Policies/Fees. Refer to Lone Star College for details. Grades for this course are awarded based on Lone Star College grading policies.

Notes: Application process

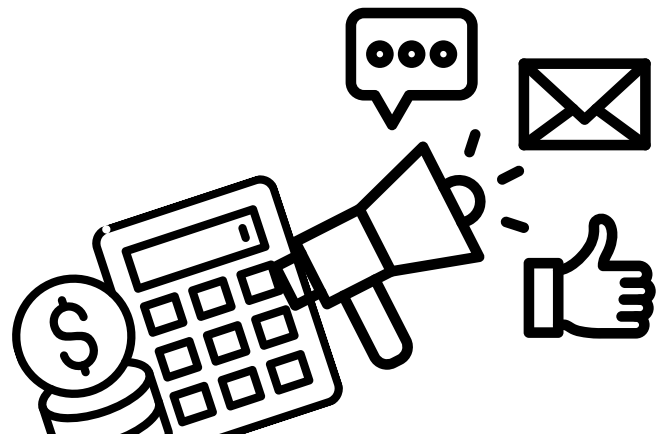
Select this course as a placeholder if you would like to attend workforce dual credit classes with Lone Star College. You must meet entrance requirements with Lone Star College.

PROJECT BASED RESEARCH

Course#: 2080800 Credits: 1 Grades: 12

Prerequisites: None

project-based research course for students who have the ability to research a real-world problem. Students develop a project on a topic related to career interests, use scientific methods of investigation to conduct in-depth research, are matched with a mentor from the business or professional community, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge, skills, and technologies in a variety of settings.



CTE Electives

ACADEMY OF BUSINESS, MARKETING & FINANCE CAREER CLUSTER

PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

Course#: 13011200 Credits: 1 Grades: 9-11

Prerequisites: None

Students are introduced to knowledge and skills of economics and private enterprise systems, impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles.

FASHION MARKETING

Course#: 13034300 Credits: 0.5 Grades: 10-12

Prerequisites: Recommended Principles of Business, Marketing and Finance

Fashion Marketing is designed to provide students with knowledge of the various business functions in the fashion industry. Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities.

SPORTS AND ENTERTAINMENT MARKETING

Course#: 13034600 Credits: 0.5 Grades: 10-12

Prerequisites: Recommended Principles of Business, Marketing and Finance

Course will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and sporting events and entertainment. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports and entertainment marketing plans.

SOCIAL MEDIA MARKETING

Course#: 13034650 Credits: 0.5 Grades: 10-12

Prerequisites: Recommended Principles of Business, Marketing and Finance

Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

ADVERTISING

Course#: 130342000 Credits: 0.5 Grades: 10-12

Prerequisites: Recommended Principles of Business, Marketing and Finance

Notes: A fee of \$25.00 may be required for certification exams.

Advertising 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.



CTE Electives

ACADEMY OF BUSINESS, MARKETING & FINANCE CAREER CLUSTER

CAREER PREPARATION 1

Course#: 12701305 Credits: 3 Grades: 11-12

Prerequisites: None

Notes: Students must meet minimum attendance accountability and workplace training agreements to enter and remain in the course.

This program is designed to provide students with a diverse background in career interests with global work skills that will transfer to all areas of employment and provide the transition from school to work or a post-secondary program. Students will utilize employability skills to gain a position in a company; develop skills for success in the workplace; apply work ethics; integrate academic skills into workplace responsibilities; recognize the legal responsibilities of the profession; enhance self-development and interpersonal skills; identify skills related to safety at the workplace; acquire the academic and technical skills for future education and employment and identify skills and attributes necessary for professional advancement. Each student will have an individual training plan that will address their job specific knowledge and skills. Approved training sponsors will provide paid occupational training for a student.

BUSINESS INFO MANAGEMENT 1

Course#: 13011400 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Business, Marketing and Finance

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make successful transition to the workforce and post-secondary education. Students will apply technical skills through word-processing, spreadsheet, database, and electronic presentation software.

BUSINESS INFO MANAGEMENT 2

Course#: 13011500 Credits: 1 Grades: 10-12

Prerequisites: Business Information Management I

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students will apply complex technical skills to address business applications of emerging technologies, create complex word- processing documents, develop sophisticated spreadsheets using charts and graphs, and develop electronic presentations using appropriate multimedia software.

BUSINESS MANAGEMENT (DC)

Course#: 13012100 Credits: 1 Grades: 12

Prerequisites: Completion of coherent sequence of courses in program
Dual Credit with Lone Star College. BMGT 1327/1309



CTE Electives

ACADEMY OF BUSINESS, MARKETING & FINANCE CAREER CLUSTER

ACCOUNTING 1

Course#: 13016600 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Business, Marketing and Finance

Notes: A fee of \$25.00 may be required for certification exams

This course introduces general accounting concepts, principles, and procedures; emphasizes the need for financial records; provides the fundamental equation and its application to accounting procedures, including the basic steps of the accounting cycle, special journals and ledgers, work sheets, adjusting and closing entries, special problems in the purchase and sale of merchandise, notes and interest, depreciation, accruals and prepaid items, payroll records, and personal income taxes. Accounting develops the knowledge, skills, and attitudes necessary for individuals to conduct personal business or to further an education in the field of accounting.

Students complete practice sets or simulations, use calculators, and process some data electronically.

ACCOUNTING 2

Course#: 13016700 Credits: 1 Grades: 11-12

Prerequisites: Accounting I

In Accounting II, students will continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in various managerial, financial, and operational accounting activities. 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.

ENTREPRENEURSHIP

Course#: 13034400 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Business, Marketing and Finance

Notes: A fee of \$25.00 may be required for certification exams

Students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students understand the capital required, the return on investment desired, and the potential for profit.

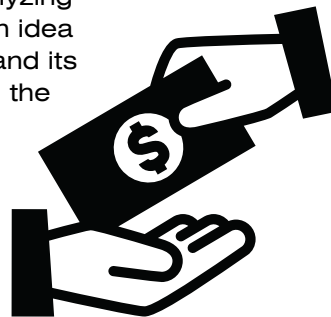
ENTREPRENEURSHIP 2

Course#: N1303423 Credits: 1 Grades: 10-12

Prerequisites: Entrepreneurship

Notes: A fee of \$25.00 may be required for certification exams

Students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students understand the capital required, the return on investment desired, and the potential for profit.



CTE Electives

AGRICULTURE, FOOD, AND NATURAL RESOURCES CAREER CLUSTER

PRINCIPLES OF AGRICULTURE, FOOD, & NATURAL RESOURCES

Course#: 13000200 Credits: 1 Grades: 9-12

Prerequisites: None

This course enhances the agricultural comprehension of young adults. It includes agricultural career development, leadership, communications and personal finances. This course also includes the overview of soil and plants, animals, and agricultural construction.

LANDSCAPE DESIGN & MANAGEMENT

Course#: 13001900 Credits: 0.5 Grades: 10-12

Prerequisites: Recommended Principles of Agriculture, Food and Natural Resources

Focuses on plant identification, selection, care, and maintenance as well as planting, planning, and developing a basic landscape. This course focuses on both residential landscaping.

LANDSCAPE DESIGN & MANAGEMENT

Course#: 13001950 Credits: 0.5 Grades: 10-12

Prerequisites: Recommended Principles of Agriculture, Food and Natural Resources

Focuses on plant identification, selection, care, and maintenance as well as planting, planning, and developing a basic landscape. This course focuses on both commercial landscaping.

FLORAL DESIGN

Course#: 13001800 Credits: 1 Grades: 10-12

Prerequisites: None

Notes: May earn one fine arts credit.

This course exposes students to the basic techniques of floral design. This class is project based with many large and small projects used to evaluate the progress of the student. There are lots of hands-on activities to involve the students in techniques required in the floral industry. This course meets the graduation requirements by the State of Texas as a Fine Arts credit.

HORTICULTURE SCIENCE

Course#: 13002000 Credits: 1 Grades: 9-12

Prerequisites: Recommended Principles of Agriculture, Food and Natural Resources

Focuses on the identification, production and care of plants. The students will study propagation, fertilizing, transplanting, and growing various plants. Students will also investigate the various career pathways within the horticulture industry.

PRACTICUM IN AGRICULTURE, FOOD & NATURAL RESOURCES

Course#: 13002500 Credits: 2 Grades: 12

Prerequisites: Recommended one credit from the Agriculture, Food and Natural Resources cluster

Notes: A fee of \$100.00 may be required for the certification exam. This advanced floral design, welding, or animal science course meets the qualifications to prepare students for the Texas State Florists Association, High School Floral Design Certification examination or allows students additional time to work on contests or competitions in welding or animal science.

CTE Electives

AGRICULTURE, FOOD, AND NATURAL RESOURCES CAREER CLUSTER

ADVANCED PLANT & SOIL SCIENCE

Course#: 13002100 Credits: 1 Grades: 12

Prerequisites: Three years of science credits

This course is designed to prepare students for careers in the food and fiber industry. Students will learn, reinforce and apply their knowledge in a scientific setting.

ADVANCED FLORAL DESIGN

Course#: N1300270 Credits: 1 Grades: 10-12

Prerequisites: Floral Design

Notes: May earn one fine arts credit

In this course, students build on the knowledge from the Floral Design course and are introduced to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning. This course focuses on building skills in advanced floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event. Through the analysis and evaluation of various occasion and event types, students explore the design needs and expectations of clients and propose and evaluate appropriate creations. From conception to evaluation, students are challenged to create and design appropriate specialty floral designs that meet the needs of the client. Furthermore, an emphasis on budgetary adherence and entrepreneurship equips students with many of the necessary skills needed for success in floral enterprises.

AGRICULTURAL MECHANICS & METAL TECHNOLOGIES

Course#: 13002300 Credits: 1 Grades: 9-12

Prerequisites: Recommended Principles of Agriculture, Food and Natural Resources

This course develops proficiency in many welding skills. Students will be expected to use the cutting torch and MIG welders. Students will be expected to weld in several positions, which include flat, horizontal, and vertical. The course develops and understanding of tool operation, electrical wiring, plumbing, carpentry, and metal working techniques.

PRACTICUM IN AGRICULTURE, FOOD & NATURAL RESOURCES

Course#: 13002500 Credits: 2 Grades: 12

Prerequisites: Recommended one credit from the Agriculture, Food and Natural Resources cluster

Notes: A fee of \$100.00 may be required for the certification exam.

This advanced floral design, welding, or animal science course meets the qualifications to prepare students for the Texas State Florists Association, High School Floral Design Certification examination or allows students additional time to work on contests or competitions in welding or animal science.

AGRICULTURAL STRUCTURES DESIGN AND FABRICATIONS

Course#: 13002310 Credits: 2 Grades: 12

Prerequisites: Agricultural Mechanics and Metal Technologies

In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication.

CTE Electives

AGRICULTURE, FOOD, AND NATURAL RESOURCES CAREER CLUSTER

AGRICULTURAL EQUIPMENT DESIGN AND FABRICATION

Course#: 13002360 Credits: 2 Grades: 12

Prerequisites: Agricultural Structures Design and Fabrications

In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment.

AGRICULTURAL POWER SYSTEMS

Course#: 13002400 Credits: 2 Grades: 12

Prerequisites: Agricultural Mechanics

Agricultural Power Systems is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery. 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 workplace; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations.

SMALL ANIMAL MANAGEMENT

Course#: 13000400 Credits: 0.5 Grades: 9-12

Prerequisites: Recommended Principles of Agriculture, Food and Natural Resources

Students will attain knowledge and skills related to animal identification, animal behavior, anatomy, and the care and management of animals ranging from small mammals such as dogs and cats to amphibians and reptiles. This course is recommended for those with an interest in the Veterinary Science field.

EQUINE SCIENCE

Course#: 13000500 Credits: 0.5 Grades: 9-12

Prerequisites: Recommended Principles of Agriculture, Food and Natural Resources

Develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses. This course is recommended for those that have an interest in the Veterinary Science field.

LIVESTOCK PRODUCTION

Course#: 13000300 Credits: 1 Grades: 9-12

Prerequisites: Recommended Principles of Agriculture, Food and Natural Resources

Introduces the science of livestock including the anatomy, genetics, reproduction, nutrition, and diseases that can affect all livestock animals. Also includes common veterinary skills used in livestock production. This course is recommended for those that have an interest in the Veterinary Science field.

CTE Electives

AGRICULTURE, FOOD, AND NATURAL RESOURCES CAREER CLUSTER

ADVANCED ANIMAL SCIENCE

Course#: 13000700 Credits: 1 Grades: 12

Prerequisites: Three years of science credits

Students will acquire knowledge and skills related to animal systems, they will develop knowledge and skills regarding career opportunities, entry requirements and industry standards.

PRACTICUM IN AGRICULTURE, FOOD & NATURAL RESOURCES

Course#: 13002500 Credits: 2 Grades: 12

Prerequisites: Recommended one credit from the Agriculture, Food and Natural Resources cluster

Notes: A fee of \$100.00 may be required for the certification exam

This advanced floral design, welding, or animal science course meets the qualifications to prepare students for the Texas State Florists Association, High School Floral Design Certification examination or allows students additional time to work on contests or competitions in welding or animal science.

CTE Electives

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CAREER CLUSTER

PRINCIPLES OF TRANSPORTATION SYSTEMS

Course#: 13039250 Credits: 1 Grades: 9-12

Prerequisites: Completion of coherent sequence of courses in program

In Principles of Transportation Systems, students will gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the transportation industry. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

AUTOMOTIVE BASICS

Course#: 13039250 Credits: 1 Grades: 9-12

Prerequisites: None

Automotive Basics includes knowledge of the basic major automotive systems and the theory and principles of the components that make up each system and how to diagnose and serving these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

ENERGY AND POWER OF TRANSPORTATION SYSTEMS

Course#: 13039300 Credits: 2 Grades: 9-12

Prerequisites: Completion of coherent sequence of courses in program

Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or worked based.

PRACTICUM IN TRANSPORTATION SYSTEMS

Course#: 13040450 Credits: 2 Grades: 12

Prerequisites: Completion of coherent sequence of courses in program

Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or worked based.

CTE Electives

ARCHITECTURE AND CONSTRUCTION CAREER CLUSTER

PRINCIPLES OF CONSTRUCTION

Course#: 13004220 Credits: 1 Grades: 9-12

Prerequisites: None

Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. For safety and liability considerations, limiting course enrollment to 15 students is recommended. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

CONSTRUCTION TECHNOLOGY

Course#: 13005100 Credits: 2 Grades: 10-12

Prerequisites: Recommended Principles of Construction

Notes: A fee of \$25.00 may be required for certification exams

Students will gain knowledge and skills related to various careers in the construction trade. Students acquire knowledge in areas such as: safety, measuring, laying-out, hand tools/power tools, and assembling. Students will participate in hands-on lab activities, such as: blueprint reading, framing, roofing, etc. Multiple-period course.

CONSTRUCTION TECHNOLOGY 2

Course#: 13005200 Credits: 2 Grades: 11-12

Prerequisites: Recommended Principles of Construction

Notes: A fee of \$25.00 may be required for certification exams

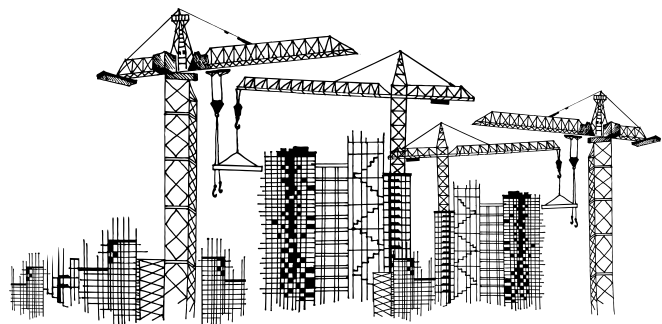
Students will gain advanced knowledge and skills related to various careers in construction trades. Advanced students will be expected to demonstrate good safety practices, craftsmanship, and leadership abilities to the first-year students. Advanced students will be expected to participate at a high level in hands-on lab activities related to the construction trades. Multiple-period course.

PRACTICUM IN CONSTRUCTION TECHNOLOGY

Course#: 13005250 Credits: 2 Grades: 12

Prerequisites: Completion of coherent sequence of courses in program

In Practicum in Construction Technology, students will be challenged with the application of gained knowledge and skills from Construction Technology I and II. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.



CTE Electives

ARTS/VIDEO TECHNOLOGY, AND COMMUNICATIONS CAREER CLUSTER

PRINCIPLES OF ART, A/V TECH, & COMMUNICATIONS

Course#: 13008200 Credits: 1 Grades: 9-12

Prerequisites: None

Careers in the arts, audio/video technology, in communications career cluster require, in addition to 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.

PROFESSIONAL COMMUNICATIONS

Course#: 13009900 Credits: 0.5 Grades: 9-12

Prerequisites: None

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.

PROFESSIONAL COMMUNICATIONS

Course#: 13008500 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Arts, A/V Technology & Communication

Notes: A fee of \$25.00 may be required for certification exams

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

AUDIO VIDEO PRODUCTION 2/AUDIO VIDEO PRODUCTION 2 LAB

Course#: 13008510 Credits: 2 Grades: 10-12

Prerequisites: Audio Video Production I

Notes: A fee of \$25.00 may be required for certification exams

Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, and critical- thinking, problem-solving, and collaborative skills. This course may be implemented in an audio format or a format with both audio and video. Requiring a lab corequisite for the course affords necessary time devoted specifically to the production and post-production process.

PRACTICUM IN AUDIO/VIDEO PRODUCTION

Course#: 13008700 Credits: 2 Grades: 12

Prerequisites: Completion of coherent sequence of courses in program

In Practicum in Construction Technology, students will be challenged with the application of gained knowledge and skills from Construction Technology I and II. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.



CTE Electives

ARTS/VIDEO TECHNOLOGY, AND COMMUNICATIONS CAREER CLUSTER

VIDEO GAME DESIGN

Course#: 13009970 Credits: 1 Grades: 9-12

Prerequisites: Recommended Principles of Arts, A/V Technology & Communication

Game programming will foster student creativity and innovation by presenting opportunities to design, implement and present meaningful programs through a variety of media.

GRAPHIC DESIGN & ILLUSTRATION

Course#: 13008800 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Arts, A/V Technology & Communication

Notes: A fee of \$25.00 may be required for certification exams

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

ANIMATION 1

Course#: 13008800 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Arts, A/V Technology & Communication

Notes: A fee of \$25.00 may be required for certification exams

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.

VIDEO GAME PROGRAMMING

Course#: N1300994 Credits: 1 Grades: 9-12

Prerequisites: Recommended Principles of Arts, A/V Technology & Communication

Notes: A fee of \$25.00 may be required for certification exams

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.

GRAPHIC DESIGN & ILLUSTRATION II

Course#: 13008900 Credits: 1 Grades: 10-12

Prerequisites: Graphic Design and Illustration I

Notes: A fee of \$25.00 may be required for certification exams

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.



CTE Electives

ARTS/VIDEO TECHNOLOGY, AND COMMUNICATIONS CAREER CLUSTER

ANIMATION 2

Course#: 13008400 Credits: 1 Grades: 10-12

Prerequisites: Animation I

Notes: A fee of \$25.00 may be required for certification exams

Careers in animation span all aspects of motion graphics. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to create two- and three-dimensional animations. The instruction also assists students seeking careers in the animation industry

ADVANCED VIDEO GAME PROGRAMMING

Course#: N1300995 Credits: 1 Grades: 11-12

Prerequisites: NONE

Notes: A continued study of game programming fostering student creativity and innovation by presenting opportunities to design, implement and present meaningful programs through a variety of media.

PRACTICUM IN GRAPHIC DESIGN & ILLUSTRATION

Course#: 13009000 Credits: 2 Grades: 12

Prerequisites: Completion of coherent sequence of courses in program

Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

PRACTICUM IN ANIMATION

Course#: 13008450 Credits: 2 Grades: 12

Prerequisites: Animation I and Animation II

Building upon the concepts taught in Animation II and its corequisite Animation II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production animation products in a professional environment. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.



CTE Electives

LAW AND PUBLIC SERVICE CAREER CLUSTER

PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

Course#: 13029200 Credits: 1 Grades: 9-12

Prerequisites: None

This course is a study of the nature of criminal law, its philosophical and historical development with major definitions and concepts. Instruction will include the classifications of crimes with the elements of crimes and penalties using Texas statutes as illustrations.

LAW ENFORCEMENT 1

Course#: 13029300 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Law, Public Safety, Corrections and Security

This course is designed as a study of the history and philosophy of criminal justice and its ethical considerations. Crime is defined. Its nature and impact are explored. Instruction includes an overview of the criminal justice system, law enforcement and the court systems, a study of prosecution and defense, trial processes, and corrections and penal systems. The student will learn basic law enforcement techniques such as handcuffing procedures, traffic stops, and report writing. Student's grades will reflect mastery of information through lecture and hands on applications.

LAW ENFORCEMENT 2

Course#: 13029400 Credits: 1 Grades: 11-12

Prerequisites: Law Enforcement I

This course provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony.

CORRECTIONAL SERVICES

Course#: 13029700 Credits: 1 Grades: 11-12

Prerequisites: Law Enforcement I

In Correctional Services, students prepare for certification required for employment as a municipal, county, state, or federal correctional officer. Students will learn the role and responsibilities of a county or municipal correctional officer; discuss relevant rules, regulations, and laws of municipal, county, state, or federal facilities; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the municipal, county, state, or federal correctional setting. Students will analyze rehabilitation and alternatives to institutionalization for inmates.



CTE Electives

LAW AND PUBLIC SERVICE CAREER CLUSTER

PRACTICUM IN LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

Course#: 13030100 Credits: 2 Grades: 11-12

Prerequisites: Law Enforcement 2 or Forensic Science

The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

FORENSIC SCIENCE

Course#: 13029500 Credits: 1 Grades: 12-12

Prerequisites: Biology, Chemistry. Recommended Principles of Law, Public Safety, Corrections and Security

Notes: This course utilizes a structured and scientific approach to investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior.

Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and stimulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.



CTE Electives

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS CLUSTER

PRINCIPLES OF APPLIED ENGINEERING

Course#: 13036200 Credits: 1 Grades: 9-12

Prerequisites: None

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

ENGINEERING DESIGN & PRESENTATION

Course#: 13036200 Credits: 1 Grades: 9-12

Prerequisites: None

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

ENGINEERING DESIGN AND PROBLEM SOLVING

Course#: 13037300 Credits: 1 Grades: 11-12

Prerequisites: Geometry, Algebra II, Chemistry and Physics

The Engineering Design and Problem-Solving course is the creative process of solving problems by identifying needs and then devising solutions. The solution may be a product, technique, structure, or process depending on the problem. Science aims to understand the natural world, while engineering seeks to shape this world to meet human needs and wants. Engineering design takes into consideration limiting factors or "design under constraint." Various engineering disciplines address a broad spectrum of design problems using specific concepts from the sciences and mathematics to derive a solution. The design process and problem solving are inherent to all engineering disciplines.



CTE Electives

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS CLUSTER

ENGINEERING DESIGN & PRESENTATION 2

Course#: 13036500 Credits: 1 Grades: 10-12

Prerequisites: Algebra I and Geometry

Engineering Design and Presentation II is a continuation of knowledge and skills learned in Engineering Design and Presentation I. Students enrolled in this course 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.

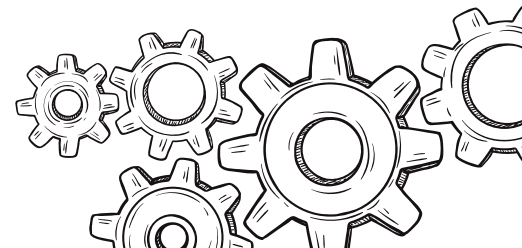
Emphasis will be placed on using skills from ideation through prototyping.

PRACTICUM IN STEM

Course#: 13037400 Credits: 2 Grades: 12

Prerequisites: Completion of coherent sequence of courses in program

Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.



CTE Electives

HOSPITALITY AND TOURISM CAREER CLUSTER

INTRODUCTION TO CULINARY ARTS

Course#: 13022550 Credits: 1 Grades: 9-12

Prerequisites: Recommended Principles of Hospitality and Tourism

Notes: A fee of \$25.00 may be required for certification exams

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.

PRINCIPLES OF HOSPITALITY & TOURISM

Course#: 13022200 Credits: 1 Grades: 9-12

Prerequisites: None

Student will use knowledge and skills that meet industry standards in the hospitality and tourism industry which encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food and beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

CULINARY ARTS

Course#: 13022600 Credits: 2 Grades: 10-12

Prerequisites: Recommended Principles of Hospitality and Tourism; Intro to Culinary Arts

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking including knife skills. Includes front and back of the house skills and techniques. Focus on safety, sanitation and teamwork. Eligible to join FCCLA. Multiple-period course.

ADVANCED CULINARY ARTS

Course#: 13022650 Credits: 2 Grades: 10-12

Prerequisites: Culinary Arts

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

FOOD SCIENCE

Course#: 13023000 Credits: 1 Grades: 12

Prerequisites: Three years of science credits

Food Science is the study of the nature of foods, the cause of deterioration, the principles underlying food processing and the improvement of foods for the consumer.



CTE Electives

HOSPITALITY AND TOURISM CAREER CLUSTER

PRACTICUM IN CULINARY ARTS

Course#: 13022700 Credits: 2 Grades: 12

Prerequisites: Completion of coherent sequence of courses in program

This course is a unique practicum that provides occupationally specific opportunities to participate in a learning experience that combines classroom instruction with simulated business and industry career experiences. Integrates academic, career and technical education; provides more interdisciplinary instruction with the goal of preparing students with a variety of skills in a fast-changing workplace. Eligible to join FCCLA. Competitive events available: Culinary Arts, Mystery Basket and Serving Up Success. Multiple- period course.

Certification: Texas Food Handler Card - cost \$10.00.

CTE Electives

MANUFACTURING CAREER CLUSTER

PRINCIPLES OF APPLIED ENGINEERING

Course#: 13036200 Credits: 1 Grades: 9-12

Prerequisites: None

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

ROBOTICS 1

Course#: 13037000 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Applied Engineering

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

ENGINEERING DESIGN & PRESENTATION

Course#: 13036500 Credits: 1 Grades: 10-12

Prerequisites: Recommended Introduction to Engineering OR Principles of Engineering
OR Concepts of Engineering and Technology

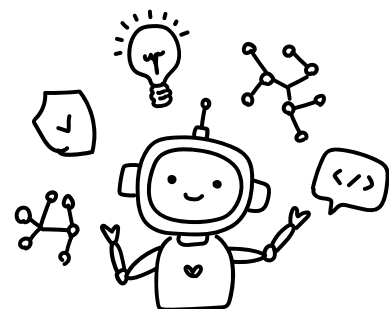
Students enrolled in this course will demonstrate knowledge and skills of the process of design as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of 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.

ROBOTICS 2

Course#: 13037050 Credits: 1 Grades: 11-12

Prerequisites: Robotics I

In Robotics II, 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.



CTE Electives

MANUFACTURING CAREER CLUSTER

CAREER PREPARATION 1

Course#: 12701305 Credits: 3 Grades: 11-12

Prerequisites: None

Notes: Students must meet minimum attendance accountability and workplace training agreements to enter and remain in the course.

This program is designed to provide students with a diverse background in career interests with global work skills that will transfer to all areas of employment and provide the transition from school to work or a post-secondary program. Students will utilize employability skills to gain a position in a company; develop skills for success in the workplace; apply work ethics; integrate academic skills into workplace responsibilities; recognize the legal responsibilities of the profession; enhance self-development and interpersonal skills; identify skills related to safety at the workplace; acquire the academic and technical skills for future education and employment and identify skills and attributes necessary for professional advancement. Each student will have an individual training plan that will address their job specific knowledge and skills. Approved training sponsors will provide paid occupational training for a student.

CTE Electives

HEALTH SCIENCE CAREER CLUSTER

PRINCIPLES OF HEALTH SCIENCE

Course#: 13020200 Credits: 1 Grades: 9-12

Prerequisites: None

Notes: This course may receive Advanced Technical Credit.

The Principles of Health Science 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.

MEDICAL TERMINOLOGY

Course#: 13020300 Credits: 1 Grades: 10-12

Prerequisites: None

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

ANATOMY & PHYSIOLOGY

Course#: 13020600 Credits: 1 Grades: 11-12

Prerequisites: Three years of science credits

Notes: This course may receive Advanced Technical Credit

In this course students conduct in-depth investigations of anatomy and physiology of human systems including circulatory, nervous, endocrine and respiratory systems

HEALTH SCIENCE THEORY/HEALTH SCIENCE CLINICAL

Course#: 13020410 Credits: 2 Grades: 12

Prerequisites: Recommended Principles of Health Science, Biology

The Health Science Clinical 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.

PRACTICUM OF HEALTH SCIENCE I (CNA)

Course#: 13020500 Credits: 2 Grades: 11-12

Prerequisites: Recommended Principles of Health Science

Notes: Due to the nature of this training, a criminal background check will be conducted on each student. Students will be required to purchase scrubs at a cost of \$75.00. Also, students may be required to pay \$95.00 for the examination. Students taking this course are given the opportunity to complete the requirements for and take the Certified Nurse Assistant (CNA) certification examination. This course is designed to develop health-care specific knowledge and skills in effective communications, ethical and legal responsibilities, client care, safety, first aid, and CPR. This course prepares the student for the transition to clinical or work-based learning experiences in health care. Fees required for scrubs (\$75.00), State Exam (\$95.00). Multiple-period course.



CTE Electives

EDUCATION AND TRAINING CAREER CLUSTER

PRINCIPLES OF EDUCATION & TRAINING

Course#: 13014200 Credits: 1 Grades: 9-12

Prerequisites: None

Principles of Education and Training is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self-knowledge as well as educational and career information to analyze various careers within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

PRINCIPLES OF HUMAN SERVICES

Course#: 13024200 Credits: 1 Grades: 9-12

Prerequisites: None

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

HUMAN GROWTH AND DEVELOPMENT

Course#: 13014300 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Education and Training

Human Growth and Development 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 introductory course in developmental psychology or human development.

INSTRUCTIONAL PRACTICES

Course#: 13014400 Credits: 2 Grades: 9-12

Prerequisites: Recommended Principles of Education and Training

This field-based internship provides students with background knowledge of child and adolescent development principles as well as principles of effective teaching practices. Students work under the joint direction and supervision of both a family and consumer sciences teacher and exemplary educators in direct instructional roles with elementary or middle school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers. Multiple-period course.

PRACTICUM OF EDUCATION & TRAINING 1

Course#: 13014500 Credits: 2 Grades: 9-12

Prerequisites: Recommended Principles of Education and Training

Continuation of school teaching internship. Multiple-period course.

CTE Electives

EDUCATION AND TRAINING CAREER CLUSTER

CHILD DEVELOPMENT

Course#: 13024700 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Human Services

Notes: Students may be required to pay a certification exam fee of \$25.00

Child Development is a technical laboratory course that addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

CHILD GUIDANCE

Course#: 13024800 Credits: 2 Grades: 10-12

Prerequisites: Recommended Principles of Human Services, Child Development

Notes: Students may be required to pay a certification exam fee of \$25.00

Child Guidance is a technical laboratory course that addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children, including those with special needs. Instruction may be delivered through school-based laboratory training or through work-based delivery arrangements such as cooperative education, mentoring, and job shadowing.

CTE Electives

HUMAN SERVICES CAREER CLUSTER

PRINCIPLES OF HUMAN SERVICES

Course#: 13024200 Credits: 1 Grades: 9-12

Prerequisites: None

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

LIFETIME NUTRITION AND WELLNESS

Course#: 13024500 Credits: 0.5 Grades: 9-12

Prerequisites: None

Lifetime Nutrition and Wellness is a laboratory course that allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

INTERPERSONAL STUDIES

Course#: 13024400 Credits: 0.5 Grades: 10-12

Prerequisites: Recommended Principles of Human Services

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

PRACTICUM OF HUMAN SERVICES

Course#: 13025000 Credits: 2 Grades: 12

Prerequisites: Completion of coherent sequence of courses in program

Practicum in Human Services provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community- services careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the human services cluster.

CHILD DEVELOPMENT

Course#: 13024900 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Human Services

Notes: Students may be required to pay a certification exam fee of \$25.00

Child Development is a technical laboratory course that addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

CTE Electives

HUMAN SERVICES CAREER CLUSTER

PRINCIPLES OF COSMETOLOGY DESIGN AND COLOR THEORY

Course#: 13025050 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Human Services

In Principles of Cosmetology Design and Color Theory, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Students will attain academic skills and knowledge as well as technical knowledge and skills related to cosmetology design and color theory. Students will develop knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

INTRODUCTION TO COSMETOLOGY

Course#: 13025100 Credits: 1 Grades: 10-12

Prerequisites: Recommended Principles of Human Services

In Introduction to Cosmetology, students explore careers in the cosmetology industry. To prepare for success, students must have academic and technical knowledge and skills relative to the industry. Students may begin to earn hours toward state licensing requirements.

COSMETOLOGY 1/LAB

Course#: 13025210 Credits: 3 Grades: 11-12

Prerequisites: Recommended Principles of Human Services, Intro to Cosmetology

Students enrolling in this course may be required to purchase their starting cosmetology kit of up to \$600.00. This course is a planned 1500 clock hour, two-year sequence of classroom and laboratory instruction, 1000 laboratory clock hours plus 500 academic hours awarded upon the completion of the 1000 laboratory hours, which include required afterschool, weekend, and summer clock hours. Instruction is designed to provide job-specific training for entry level employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination, which will be taken after the completion of Cosmetology II. Analysis of career opportunities, requirements, expectations, and development of workplace skills are included. Multiple-period course.

COSMETOLOGY 2

Course#: 13025310 Credits: 3 Grades: 11-12

Prerequisites: Cosmetology I

Notes: Students enrolling in this course may be required to purchase their continuing cosmetology kit of up to \$200.00

This course is a continuation of Cosmetology I. This course is designed to provide advanced training for employment in cosmetology careers. Students apply, combine, and justify knowledge and skills to a variety of settings and problems. The completion of the two-year program meets the Texas Department of Licensing and Regulations Commission requirements for licensure upon passing state exam. Multiple-period course.

Course Information

COURSE NAME	SERVICE ID	PREREQUISITS (PREQ) COREQUISITES (CREQ)	GRADE
COLLEGE TRANSITION	N1290050	NONE	9-12
COMMUNITY TRANSPORTATION	N1304660	NONE	9-12
MAKING CONNECTIONS 1	N1290332	NONE	9-12
MAKING CONNECTIONS 2	N1290333	NONE	9-12
MAKING CONNECTIONS 3	N1290334	NONE	9-12
MAKING CONNECTIONS 4	N12903358	NONE	9-12
METHODOLOGY FOR ACADEMIC AND PERSONAL SUCCESS (MAPS)	N1130021	NONE	9-12
GENERAL EMPLOYABILITY SKILLS CAREER DEVELOPMENT	N1270153	NONE	9-12
STUDENT TO INDUSTRY CONNECTION CAREER DEVELOPMENT	N1270154	NONE	9-12

FOR ADDITIONAL INFORMATION ON THE HOSPITALITY AND TOURISM CAREER CLUSTER,
PLEASE CONTACT: DEBBIE WIELAND | DEBBIE.WIELAND@TEA.TEXAS.GOV
[HTTPS://TEA.TEXAS.GOV/CTE](https://tea.texas.gov/cte)

Appendices

Huntsville ISD Disclaimer:

The contents of the Secondary Course Selection Guide are relevant to HISD Policy (Legal and Local), Regulation and Practice as of October 2017. For current information regarding district policy please refer to the Huntsville Independent School District website at www.huntsville-isd.org or visit with your school counselor.

Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. After discussing the matter, if the concern continues, the principal should be contacted.





AP/Dual Credit/Dual Enrollment: What's the Difference?

Knowing the difference between Advanced Placement, Dual Credit, and Dual Enrollment courses will assist you in planning for both high school and college courses.

	Advanced Placement (AP)	Dual Credit (DC)	Dual Enrollment (UT On Ramps Program)
Description	The AP Program allows students to take college-level courses and the related AP exam, to potentially earn college credit while still in high school.	Dual Credit allows students to simultaneously earn high school and college credit by successfully completing Lone Star College (LSC) courses.	Dual Enrollment allows students to earn high school and potentially earn college credit while still in high school, by taking courses designed by the University of Texas and completing a specialized, college-level curriculum.
College Credit	College credit is granted when students pass the AP exam. Individual colleges and universities, not the College Board nor the AP program, grant college course credit and placement.	College credit is awarded when the student passes the course.	Students receive weighted high school credit when they successfully complete the course. Students also receive college credit if they qualify for and pass the college portion of the course.
Teachers/Instructors	Courses are taught by high school teachers using a curriculum approved by The College Board.	Taught by Lone Star College instructors and/or high school teachers who serve as adjunct professors with LSC.	Taught by high school teachers in collaboration with University of Texas faculty
College/University Acceptance	Accepted throughout the nation. Requires a score of 3 or higher on AP exam in TX. Contact individual college/university for their AP policy.	Accepted at public colleges and universities in Texas, and many private institutions. Check with individual college/university for academic requirements.	Guaranteed to be accepted at any public university in Texas. Accepted at most private universities. Check with individual college/university for academic requirements.
Location	AP courses are taught on the HS campus.	Dual credit courses are taught on the HS campus. Students can also take dual credit courses on the LSC campus.	UT OnRamps Dual Enrollment courses are taught on the HS Campus.
Eligibility	Open to any student. Students are expected to have the skills and knowledge from prior Pre-AP courses, and be motivated to work outside the school day on college level material.	Students must qualify by taking the Texas Success Initiative (TSIA2) test, or by having an STAAR EOC waiver. The TSIA2 test is offered free of charge in the district, or for a fee at LSC campuses work outside the district.	Open to students who show high achievement, but who wish to experience a college-level course, and are motivated to work outside of the school day on college level material. Most courses may require TSI scores to qualify for college credit in the Spring.
Cost	AP courses are free. There is a fee for the corresponding AP exams. This fee is reduced for students who qualify for the free/reduced meal program.	Students who meet entrance requirements are eligible to enroll in dual credit courses offered by Lone Star College. These courses incur an additional fee.	Students who meet entrance requirements are eligible to enroll in the UT OnRamps Dual Enrollment courses. These courses incur an additional fee.
Textbooks	Provided by the school.	Textbook purchase required.	Provided by the school.

NOTE: Dual Credit and UT ONRAMPS requires Principal's Approval

COURSE SEQUENCES LEADING TO AP-LEVEL COURSES

English Language Arts

6 th Grade	7 th Grade	8 th Grade	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Pre-AP ELA or ELA	Pre-AP ELA or ELA	Pre-AP ELA or ELA	Pre-AP English I or English I	Pre-AP English II or English II	AP English Lang & Composition or English III	AP English Literature & Composition or English IV

Mathematics

6 th Grade	7 th Grade	8 th Grade	9 th Grade	10 th Grade	11 th Grade	12 th Grade
PRE-AP Math or Math	PRE-AP Math or Math	Algebra I	Pre-AP Geometry or Geometry	PRE-AP Algebra II or Algebra II	PRE-AP Pre- calculus or Pre-calculus	AP Calculus
PRE-AP Math or Math	PRE-AP Algebra I or Algebra I	PRE-AP Geometry or Geometry	PRE-AP Algebra II or Algebra II	PRE-AP Pre- calculus or Pre-calculus	AP Calculus	

Social Studies

6 th Grade	7 th Grade	8 th Grade	9 th Grade	10 th Grade	11 th Grade	12 th Grade
PRE-AP World Cultures or World Cultures	PRE-AP Texas History or Texas History	PRE-AP US History or US History	Pre -AP World Geography	Pre-AP World History or AP World History	AP US History	AP US Government
PRE-AP World Cultures or World Cultures	PRE-AP Texas History or Texas History	PRE-AP US History or US History	Pre - AP World Geography	Pre-AP World History or AP World History	AP US History	AP Macroeconomics or AP Microeconomics
PRE-AP World Cultures or World Cultures	PRE-AP Texas History or Texas History	PRE-AP US History or US History	Pre - AP World Geography	Pre-AP World History or AP World History	AP US History	
PRE-AP World Cultures or World Cultures	PRE-AP Texas History or Texas History	PRE-AP US History or US History	Pre - AP World Geography	Pre-AP World History or AP World History	AP European History (elective credit)	

Note:

A course which can be taken as Pre-AP or grade-level is based on the prerequisites outlined in the Secondary School Information Guide. Pre-AP courses are strongly recommended as preparation for AP courses.

Middle School Sciences

6th Grade	7th Grade	8th Grade
PRE-AP Science or Science	PRE-AP Science or Science	PRE-AP Science or Science

The high school science sequence varies based on the sequence of math and science courses.

High School Sciences

Math Prerequisites	Science Prerequisites	Course
None	None	Biology
None	None	Pre-AP Biology
Algebra I	Biology/Pre-AP Biology Chemistry (can be taken concurrent)	AP Biology
Algebra I	One unit of high school science	Chemistry
Algebra I Concurrent enrollment in Algebra II	None	Pre-AP Chemistry
Algebra II Concurrent enrollment in Pre-Calculus	Chemistry /Pre-AP Chemistry	AP Chemistry
Algebra I	None	Physics
Pre-Calculus or concurrent enrollment	None	PRE-AP Physics
Pre-Calculus	Physics/PRE-AP Physics	AP Physics B
Concurrent enrollment in Calculus	AP Physics	AP Physics C

Advanced Placement Art Sequence			
9th	10th	11th	12th
Art I Pre-AP	Art II Pre-AP: (Two-Dimensional)	AP Studio Art: Two Dimensional	AP Art History

ACADEMIC ACHIEVEMENT CLASS RANKING

EIC
(LOCAL)

Advanced courses taken at another accredited school shall be weighted in the same manner as advanced courses taken in the District.

Students transferring into the District or students taking dual credit college courses shall receive the numerical grade that was earned in the courses at another school. Letter grades shall be recorded as follows:

<u>Conversion Scale</u>	<u>High School</u>	<u>College</u>
A	95	98
B	85	88
C	75	78
D	70	73
F	60	65



www.huntsville-isd.org

Have a question? Just call us!

**Need help finding a
phone number?**

**Call HISD at
936-435-6300**

**Or check out
our website**

www.huntsville-isd.org

QUESTION?

1. GENERAL CAMPUS FUNCTIONS, PROGRAMMING, STUDENT CONDUCT, ATTENDANCE
2. INDIVIDUAL CONSELING, SCHEDULING, STANDARDIZED TESTING RESULTS, COMMUNITY RESOURCES, PARENTING SKILLS, SUPPORT GROUPS, EDUCATIONAL AND CAREER PLANNING
3. STUDENT GRADES/PROGRESS, COURSE CONTENT, CLASSROOM DISCIPLINE, CLASS ASSIGNMENTS/HOMEWORK
4. GENERAL CURRICULUM INFO
5. HYGIENCE, IMMUNIZATIONS, VISION AND HEARING, ILLNESS, HEALTH RELATED INFORMATION
6. VOLUNTEER SERVICES
7. CURRENT BOOKS, RESEARCH AND SUPPLEMENTARY READING, PARENTING LITERATURE
8. SCHOOL PROGRAM, NUTRITION REQUIREMENTS

CALL

1. PRINCIPAL AND ASSISTANT PRINCIPALS
2. SCHOOL COUNSELORS
3. TEACHERS
4. TEACHING & LEARNING DEPARTMENT
5. NURSES
6. PTS PRESIDENT/MEMBERS
7. DIGITAL LEARNING SPECIALISTS
8. CAFETERIA MANAGER