

Rains High School Course Catalog 2023-2024



**Responsible Hardworking Students Create Adults That
Succeed!**

Rains High School
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Emory, TX 75440
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RHS Course Catalog

2023-2024

Rains High School Students,

We are very pleased to present the Rains High School Course Catalog. Please use it as a guide for designing a successful academic path at RHS. As you choose your classes, consider your future very purposefully. Do you plan to enter college, a technical school, serve in the Armed Forces, or move directly into a chosen career upon your graduation from Rains? You will need to be enrolled in the courses our state has mandated, but you may choose electives that will lead you to your future goals.

Rains Independent School District is committed to guiding you in making your future goals a reality. We are extremely fortunate to have the staff and course offerings that will provide you with an endorsement in the area(s) of your choosing. Additionally, as you are charting your course for your future, take a close look at our honors and dual credit offerings. Numerous pathways and honors options are available over the course of your high school career. We also strongly encourage you to become and remain an active member of our campus life. Consider one of our many clubs, organizations, and/or extracurricular activities!

We look forward to the coming school year and want it to be a positive building block for your future, and we take our partnership in your educational success very seriously. We are committed to excellence and your academic success, now and in the future!

Joli Maroney, M. Ed.
RHS Dean of Students

Keith Parker, Ed. D.
RHS Principal

ShaRee Harris, M.Ed.
RHS Counselor

Rains ISD Shared Mission

*Rains ISD provides a **safe and innovative learning environment** that nurtures a **growth mindset**, offers resources and opportunities that **maximize each student's potential**, and inspires **life-long learners** in an ever-changing world.*

RISD Vision

In the pursuit of excellence:

- *We value community **partnerships**.*
- *We encourage **communication**.*
- *We embrace **challenges**.*
- *We celebrate **growth and success**.*

GENERAL INFORMATION	3
ESSENTIALS FOR GRADUATION	4
ENDORSEMENT PATHWAYS	6
Business and Industry	6
Public Services	7
*Science, Technology, Engineering, and Mathematics (STEM)	8
Arts and Humanities	8
Multidisciplinary Studies	8
CERTIFICATIONS	9
CREDIT BY EXAM	10
ADVANCED PLACEMENT AND HONORS COURSES	10
DUAL CREDIT PROGRAM	11
COURSE DESCRIPTIONS	17
ENGLISH LANGUAGE ARTS	17
MATHEMATICS	19
SCIENCE	22
SOCIAL STUDIES	25
LANGUAGES OTHER THAN ENGLISH (LOTE)	27
PHYSICAL EDUCATION	28
FINE ARTS	28
ELECTIVES- AGRICULTURE AND CONSTRUCTION	31
ELECTIVES- COMMUNICATION	35
ELECTIVES- FOOD SERVICES	36
ELECTIVES- FINANCIAL SERVICES	38
ELECTIVES- HUMAN SERVICES AND EDUCATION	40
ELECTIVES- HEALTH SCIENCES	42
ELECTIVES- COLLEGE AND CAREER READINESS	43
ELECTIVES- TECHNOLOGY APPLICATIONS	44
SPECIAL COURSE OFFERINGS	45

GENERAL INFORMATION

Grade Classification

A student in grades 9-12 will be advanced with their cohort based on the number of course credits earned. Students who accelerate or intend on graduating early will be reclassified as a senior upon successful completion of the appropriate number of credits.

Earned Credits	Earned Classification
6.5	Grade 10 (Sophomore)
13	Grade 11 (Junior)
20	Grade 12 (Senior)

Class Load

All students must take a full class load each semester. Options for work study will be considered upon completion of appropriate application.

Scheduling

Rains High School operates on a traditional 8-period schedule / 4 instructional days per week.

Schedule Changes

Course selections made during pre-registration are considered final. Any request for a change in course(s) after spring registration must be made in writing. Changes at the beginning of the school year will be limited due to the effect those changes have on classroom enrollment and the disruption of classroom instruction.

Testing Requirements

Students will be required to demonstrate success on the following STAAR End-of-Course (EOC) Exams to meet graduation requirements: Algebra I, Biology, English I, English II, and U.S. History.

Registration Information

- The RHS Counselor will schedule academic conferences with students and parents to ensure proper academic placement. These conferences take place late January through early February.
- After academic counseling has been completed, students will select their desired courses.
- Teachers/staff are hired (as needed) and the master schedule is set, with careful attention to class sizes. Staffing needs are dependent upon the integrity of the course selection process.
- Courses listed in this catalog are subject to student selection patterns and staffing availability, and though offered may not actually become part of the final master schedule.

ESSENTIALS FOR GRADUATION

I. ATTENDANCE

Students must comply with all local and state laws regarding attendance and awarding of credit.

II. COURSE REQUIREMENTS

For students entering the ninth grade in the fall of 2014 or later, the Foundation Plan with a selected endorsement is the default graduation plan. (Committee and parent approval after completion of 10th grade will be required for a student to graduate on the Foundation Plan.) *See Graduation Credit Requirements on p. 2

All students shall complete a minimum of:

22 units of credit to receive a high school diploma on the **Foundation High School Plan**,

or

26 units of credit to receive a diploma on the **Foundation High School Plan with an Endorsement**,

or

26 units of credit to receive a diploma on the **Foundation High School Plan with an Endorsement and Distinguished Achievement (must include Algebra II)**

III. TEST REQUIREMENTS

Students entering the ninth grade in 2011 and later must successfully complete the required measures of the State of Texas Assessments of Academic Readiness (STAAR) for high school graduation.

GRADE REPORTING

Each year is divided into two semesters. Report cards will be issued at nine-week intervals during the school year. A student may earn credit for each semester if the passing semester average is a 70 or higher. A student may earn yearly credit for courses in which the first and second semester average to a 70 or higher (for students completing first semester courses at Rains High School).

FOUR YEAR PLANS

Prior to entering high school, each student will meet with the high school counselor to develop a 4-year Personal Graduation Plan (PGP) that outlines the courses the student will take throughout high school. The PGP serves as a guide for the student and may be changed as needed from year to year.

GRADUATION CREDIT REQUIREMENTS

Course	Foundation Plan	Foundation Plan w/Endorsement	Foundation Plan w/Endorsement & Distinguished Achievement
English	4 Credits	4 Credits	4 Credits
Mathematics Algebra I & Geometry Required	3 Credits	4 Credits	4 Credits Algebra II Required
Science Biology Required	3 Credits	4 Credits	4 Credits
Social Studies World Geography OR World History, *US History & Government/Economics Required	3 Credits	3 Credits	3 Credits
Languages other than English (LOTE)	2 Credits	2 Credits	2 Credits
Physical Education	1 Credit	1 Credit	1 Credit
Fine Arts	1 Credit	1 Credit	1 Credit
Electives *Next Step (Required Elective)	5 Credit	8 Credit	8 Credit
TOTAL Credits Required	22 Credits	26 Credits	26 Credits
Available Endorsements: STEM, Business & Industry, Public Services, Arts & Humanities, and Multidisciplinary			

CAREER AND TECHNICAL PROGRAMS- Career and Technical Education programs offer a sequence of courses that provide students with coherent and rigorous content. CTE content is aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in current or emerging professions.

ENDORSEMENTS- Under House Bill 5, students may graduate, not only with a high school diploma, but they may also earn an endorsement. An endorsement is a formal acknowledgement that a student has completed a program of studies in a specific discipline. A student may choose one of the endorsement-focused plan that RHS has to offer. Each specific plan satisfies the requirement of one of the five endorsement areas:

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

Endorsements Pathways

(**Indicates future courses offered)

Business & Industry

Sequence	Required Courses
Animal Science	Level 1: Principles of Agriculture, Food, & Natural Resources Level 2: Livestock Production Level 3: Advanced Animal Science Level 4: Practicum in Agriculture, Food, & Natural Resources
Applied Agricultural Engineering	Level 1: Principles of Agriculture, Food, & Natural Resources Level 2: Agriculture Mechanics and Metal Technologies Level 3: Agriculture Power Systems OR Agriculture Equipment Design & Fabrication Level 4: Practicum in Agriculture, Food, & Natural Resources
Carpentry	Grade 9: Principles of Agriculture, Food, & Natural Resources Grade 10: Construction Technology I Grade 11: Construction Technology II Grade 12: Practicum in Construction Technology
Digital Communications	Level 1: Principles of Arts, A/V Technology and Communication Level 2: Audio/Video Production I/Lab Level 3: Audio Video Production II/Lab Level 4: **Practicum of Audio/Video Production
Plant Science	Level 1: Principles of Agriculture, Food, & Natural Resources Level 2: Floral Design Level 3: Advanced Floral Design Level 4: Practicum in Agriculture, Food, & Natural Resources OR Practicum in Floral Design

Marketing and Sales	Grade 9: Principles of Business, Marketing, & Finance Grade 10: Sports and Entertainment Marketing and Social Media Marketing Grade 11: Retail Management Grade 12: Practicum in Marketing
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Public Services

Sequence	Required Courses
Teaching & Training	Level 1: Principles of Human Services Level 2: Human Growth and Development Level 3: Instructional Practices Level 4: Practicum in Education
Culinary Arts	Level 1: Introduction to Culinary Arts Level 2: Culinary Arts Level 3: Advanced Culinary Arts Level 4: Practicum in Culinary Arts
Cosmetology	Level 1: Introduction to Cosmetology Level 2: Cosmetology I or I w/Lab Level 3: Cosmetology II or II w/Lab Level 4: Practicum in Human Services
Barbering	Level 1: Introduction to Cosmetology Level 2: Barbering I Level 3: Barbering II Level 4: Practicum in Human Services
Healthcare Diagnostics	Level 1: Principles of Health Science Level 2: Medical Terminology Level 3: Anatomy & Physiology and/or Practicum in Health Science I (Phlebotomy) Level 4: Practicum in Health Science II and Anatomy & Physiology (if not previously taken)
Emergency Medical Technician	Level 1: Principles of Health Science Level 2: Medical Terminology Level 3: Anatomy and Physiology (Practicum in Health Science (Phlebotomy) recommended) Level 4: Emergency Medical Technician –Basic Practicum and Anatomy & Physiology (if not previously taken)

Science, Technology, Engineering, and Mathematics (STEM)

Sequence	Required Courses
Science	Level 1: Biology Level 2: Chemistry AND Physics Level 3: Advanced Science Course Level 4: Advanced Science Course
Math	Level 1: Algebra I AND Geometry Level 2: Algebra II Level 3: Advanced Math Course Level 4: Advanced Math Course *Chemistry AND Physics must also be taken for STEM Math endorsement.

Arts and Humanities

Sequence	Required Courses
Fine Arts	Level 1: Art, Theater, or Band I Level 2: Art, Theater, or Band II Level 3: Art, Theater, or Band III Level 4: Art, Theater, or Band IV
Social Studies	Level 1 or 2: World History Level 3: US History or College History Level 4: Government & Economics *An additional History course is required. (See the counselor for course options.)

Multidisciplinary Studies

Sequence	Required Courses
Advanced Courses	Any four advanced courses
Core Courses	Four credits in foundational subject areas and includes Chemistry and/or Physics AND English IV
Advanced Placement & Dual Credit	Four credits in any Advanced Placement & Dual Credit courses

Certifications

CTE Endorsement	Certification earned	Class to earn certification
Animal Science	Certified Vet Assistant	Livestock Prod/Adv Animal Sci
Applied Agricultural Engineering	NCCER Core Curriculum	Ag Mechanics
	NCCER Welding 1	Ag Power/Ag Fab
	Principles of Small Engine Technology	Ag Power/Ag Fab or Practicum
Carpentry	NCCER Core Curriculum	Construction Tech 1
	NCCER Carpentry, Level 1	Construction Tech 2
	OSHA 30 Hour General Industry	Principles of Ag
Digital Communication	Adobe Certified Associate (ACA)-After Effects	A/V Tech and Communication II or Practicum of A/V Tech
Plant Science	TX State Floral Assoc. Basic Skills	Floral Design
	TX State Floral Assoc. Level 1 TX State Floral Assoc. Level 2	Floral Design/Practicum
Marketing and Sales	StuKent Social Media Marketing	Practicum in Marketing
Teaching and Training	Educational Aide 1	Practicum in Education and Training
Culinary Arts	Certified Fundamentals Cook	Culinary Arts or Advanced Culinary Arts
	ServSafe Manager	Advanced Culinary Arts or Practicum in Culinary Arts
Cosmetology	Cosmetology Operator License	Practicum in Human Services
Healthcare Diagnostics	CPR, First Aid	Principles of Health Science
	Phlebotomy Tech	Practicum in Health Science I
EMT (Health Science)	Emergency Medical Technician - Basic	EMT- Basic

**Certifications are not guaranteed and are contingent upon student completion of the certification requirements, i.e., trainings and exams.*

CREDIT BY EXAM

Students may receive credit for some courses through Credit by Exam as outlined in the Student Handbook and in accordance with state and local policy. Please refer to the RHS Student Handbook and/or school board policy EHDB (LOCAL) and EHDC for more information.

ADVANCED PLACEMENT & HONORS COURSES

Advanced Placement (AP) Courses:

Why take AP courses?

AP courses are set up to prepare students for college by allowing them to study subjects they love at a more rapid pace. These courses cover more material than regular high school courses and go further in depth, allowing students to work independently to research and analyze.

How do AP courses benefit students?

Not only do AP courses help prepare for the college transition, but these classes can also help boost a student's GPA with weighted credits. In addition to this, when students take the AP exam for the course at the end of the year, they have the opportunity for colleges to accept the score, if they score high enough. If scores are accepted, it allows students to earn college credit without paying tuition for the course.

****Any student enrolled in a College Board AP course will be required to complete the AP exam at the end of the school year.**

Honors Enrollment and Requirements:

1. Grades: Overall average of 90 or above in the previous course in the same academic area as the advanced course for which the request is being made (85 or above if the previous course was an advanced course).
2. STAAR: Achieved at least "Meets Grade Level" on the most recent state assessment in the same academic area as the advanced course for which the request is being made.
3. Teacher Approval: the teacher of record in the enrolled course will complete a review at the 3-week grade mark during the first 9 weeks of the semester. At this time, any student not being successful in the course, who may lose credit due to a failing grade point average, may be removed from the course, at the teacher's discretion and with approval from an administrator.
4. As juniors and seniors, any students enrolled in advanced courses are required to take the SAT/ACT by the 2nd semester of their junior year or at least one time in their senior year.

****Students wishing to take an honors level course will receive approval from the Dean of Students or Counselor to ensure all requirements have been met.**

Advanced courses currently offered at RHS:
(These courses will be considered honors weighted on the GPA scale)

LANGUAGE ARTS

Honors English I
Honors English II
Honors English III
Advanced Placement English IV

SCIENCE

Honors Biology
Honors Chemistry
Honors Physics
Anatomy & Physiology
Advanced Animal Science
*AP Biology (This course is offered through an online Edgenuity course.)
*AP Environmental Science (This course is offered through an online Edgenuity course.)
*AP Psychology (This course is offered through an online Edgenuity course.)

MATHEMATICS

Honors Algebra I
Honors Geometry
Honors Algebra II
Pre-Calculus (Class of 2025 and beyond)
*AP Calculus AB (This course is offered through an online Edgenuity course.)
*AP Statistics (This course is offered through an online Edgenuity course.)

SOCIAL STUDIES

Honors U.S. History
Honors World History
Honors World Geography

OTHER

Honors Spanish III
Honors Spanish IV
EMT-Basic Practicum

DUAL CREDIT PROGRAM

Students may take college courses and receive dual credit through our partner schools, Texas A&M University-Commerce (TAMU-C) and Trinity Valley Community College (TVCC). All courses taken through TAMU-C are face-to-face with an instructor on campus at least two days a week, while most courses taken through TVCC are online. Students who choose to take online courses will be given an “online” and/or “study hall” class period to complete these dual credit courses. The student is responsible for all tuition fees to the partner school in which the student is enrolled. Rains ISD purchases the required textbooks for each course. Please visit the RHS Counseling Center for more information.

Dual Credit Course Sequence

There are 3 Dual Credit pathways that a student can follow while at Rains High School.

- **Dual Credit Basic**-a student takes just a few courses during their high school to transfer to their college of choice after graduation.
- **Dual Credit Core Complete**-a student can complete 42 semester hours that will transfer to any public college or university in the state of Texas.
- **Dual Credit Associates degree**-a student can complete 60+ semester hours and will receive an Associate of Arts degree, Liberal Arts major (AA), or the Associate of Arts degree, Teaching major (AAT) from TVCC.

What does it mean to be core complete?

To receive a bachelor's degree from a public university, Texas law requires that students complete a core curriculum of 42 credit hours. Each college or university identifies which of its courses fit into the core curriculum.

- Bachelor degree programs consist of two components: core curricular coursework and coursework required for major area of study.

What are the Benefits?

- If you complete the core curriculum with grades of "C" or better and transfer, **the entire core curriculum transfers and substitutes for the core curriculum you would have taken at your state college or university.**
- Many courses within the "core" also meet high school graduation requirements.
- Students can complete coursework that also may be required for bachelor's degree programs.
- Saves students/parents money on college tuition.
- Significantly reduces the amount of time required to receive a bachelor's degree.

Core Curriculum from TVCC

To see description of courses at TVCC click [here](#) or

<https://coursecatalog.tvcc.edu/degrees-certificates/academic-division/core-curriculum/>

Core Curriculum: **other courses available, please see the counselor for questions.

Core Component Area	College Course Number	College Course Name	High School Course	HS Credit
Communications (6 semester hours)	ENGL 1301 & ENGL 1302	English Composition 1 English Composition 2	English 3	1

Mathematics (3 semester hours)	MATH 1314	College Algebra	Independent Study in Math	1
Life & Physical Science (8 semester hours)	BIOL 1406 BIOL 1407 OR BIOL 1408 BIOL 1409	Biology for Science Majors I Biology for Science Majors II Biology for Non-Science Majors I Biology for Non-Science Majors II	Scientific Research and Design	1
Creative Arts (3 hours)	ARTS 1301	Art Appreciation (recommended) *other courses available	Art	1
Language/Philosophy/ Culture (choose 1 course- 3 semester hours)	HUMA 1301 SPAN 2311 ENGL 2322	Introduction to Humanities Intermediate Spanish I British Literature I	Humanities 1 Spanish 3 English 4	½ 1 ½
History (6 semester hours)	HIST 1301 & HIST 1302	United States History to 1877 United States History from 1877	US History	1
Government (6 semester hours)	GOVT 2305 GOVT 2306	US Government and Constitution Texas Government and Constitution	US Government Special Topics in Social Studies	½ ½
Social/Behavioral Science (choose 1 course-3 semester hours)	ECON 2301 PSYC 2301 SOCI 1301	Principles of Macroeconomics General Psychology Introduction to Sociology	Economics Psychology Sociology	½ ½ ½
Component Area Requirement (choose 2 courses)		**See below for other suggestions or visit https://coursecatalog.tvcc.edu/degrees-certificates/academic-division/core-curriculum/		
Other course offerings for High School credit: **Speak with your counselor before taking additional courses not on the list**	BCIS 1305 ARTS 1303 SPCH 1315 MATH 2312 ENGL 2323	Business Computer Applications Art History 1 Public Speaking Pre-Calculus Math British Literature II	Bus. Information Mangt. Art 1 (required for full art credit) Communication Application Pre-Calculus English 4 (required for full Eng. credit)	1 ½ ½ 1 ½

Recommended Sequence: *courses are 3 semester course hours unless otherwise noted.

	Dual Credit-Basic	Dual Credit-Core (42 HOURS)	Dual Credit-Associates (60 HOURS)
9th grade			BCIS 1305

			ARTS 1301 & ARTS 1303# EDUC/PSYC 1300
10th grade		ARTS 1301 & ARTS 1303** SPCH 1315 GOVT 2306 EDUC/PSYC 1300	SOCI 1301# PSYC 2301# SPCH 1315 GOVT 2306
11th grade	HIST 1301 & HIST 1302 (TAMU-C COURSE) ENGL 1301 & ENGL 1302 (TAMU-C COURSE) MATH 1314 (TAMU-C COURSE) MATH 2312 (TAMU-C COURSE)	HIST 1301 & HIST 1302 (TAMU-C COURSE) ENGL 1301 & ENGL 1302 (TAMU-C COURSE) BIOL 1406 (4 hours) & BIOL 1407 (4 hours) (FOR SCIENCE MAJORS) OR BIOL 1408 (4 hours) & BIOL 1409 (4 hours) (FOR NON SCIENCE MAJORS) MATH 1314 (TAMU-C COURSE) MATH 2312# (TAMU-C COURSE)	HIST 1301 & HIST 1302 (TAMU-C COURSE) ENGL 1301 & ENGL 1302 (TAMU-C COURSE) BIOL 1406 (4 hours) & BIOL 1407 (4 hours) (FOR SCIENCE MAJORS) OR BIOL 1408 (4 hours) & BIOL 1409 (4 hours) (FOR NON SCIENCE MAJORS) MATH 1314 (TAMU-C COURSE) MATH 2312# (TAMU-C COURSE)
12th grade	SPCH 1315 GOVT 2306 & GOVT 2305 ECON 2301 MATH 1314 (TAMU-C COURSE) MATH 2312 (TAMU-C COURSE)	MATH 1314 (TAMU-C COURSE) MATH 2312**# (TAMU-C COURSE) GOVT 2305 ECON 2301 ENGL 2322 & ENGL 2323**	MATH 1314 (TAMU-C COURSE) MATH 2312# (TAMU-C COURSE) GOVT 2305 ECON 2301 ENGL 2322 & ENGL 2323#
Summer school or online	HUMA 1301 OR SPAN 2311	HUMA 1301 OR SPAN 2311	HUMA 1301 OR SPAN 2311
	POSSIBLE 27 HOURS	42 HOURS + 9 HOURS ELECTIVE **COURSES ARE NOT PART OF CORE BUT REQUIRED FOR HS CREDIT	65 hours # COUNT TOWARDS ELECTIVE HOURS

Other TVCC pathways:

For additional information about other pathways click [here](https://coursecatalog.tvcc.edu/pathways/) or
<https://coursecatalog.tvcc.edu/pathways/>

Pathway	Dual Credit Opportunity
Cybersecurity	ITNW 1358, ITNW 1325, ITSY 1300, ITSY 1342
Cloud Computing	ITNW 1308, ITSC 1316, BCIS 1305, ITNW 1309, ITNW 1336, ITSC 1315, ISW 1307, COSC 1336, ITNW 2327, ITNW 2329
Robotic Technology	RBTC 1241, RBTC 1243, RBTC 1245, RBTC 1305, RBTC 2239
Accounting	ACNT 1303, ACNT 1304, ACNT 1313, ITSW 1304, BCIS 1305, PSYC 1300, BUSG 1301, POFT 1301, ENGL 2322, ECON 2301, MATH 1332, ENGL 1301
Business Management	BCIS 1305, BUSG 1301, POFI 2301, ITSW 1304, POFT 2312, BUSG 2309, PSYC 1300, ACNT 1303, ACNT 1311, MATH 1332, POFT 1301, ECON 2301, ENGL 2322, ENGL 1301
Law Enforcement	CJSA 1322, CJSA 1312, CJCR 1307, CJSA 1348, CJSA 1342, CJSA 1327, ENGL 1301, PSYC 1300, CJSA 1317, CJSA 1313, MATH 1332, ENGL 2322, GOVT 2305/2306, CJSA 1359, POFT 2312, PSYC 2301

Dual Credit Requirements:

1. Acceptance to the college/university
2. Complete TSI Assessment (TSIA2) (limit of 3 attempts), unless exempt through ACT/SAT/EOC or Texas College Bridge
3. Approval from high school counselor and/or Dean of Students
4. Meet ALL scheduled deadlines for dual credit advising and enrollment

TSIA2 Testing

Testing or proof of testing is required for registration for academic dual credit classes. Students must meet the requirements of the Texas Success Initiative (TSIA2) for the subject(s) that correspond to the course. (ie. math course=pass math TSI). RHS is a TSIA testing site and will offer 2 FREE tests per subject (math, ELA). If an additional test is required in order to pass, the cost is \$10 (each).

Passing scores administered AFTER January 11, 2021

Mathematics	Greater than or equal to 950 OR Less than 950 PLUS a diagnostic = 6
English Language Arts	Greater than or equal to 945 AND essay greater than or equal to 5 OR Less than 945 AND essay greater than or equal to 5 AND diagnostic greater than or equal to 5.

To learn more about the TSIA2 click [here](https://accuplacer.collegeboard.org/accuplacer/pdf/tsia2-interpreting-your-scores.pdf) or <https://accuplacer.collegeboard.org/accuplacer/pdf/tsia2-interpreting-your-scores.pdf>

Texas College Bridge

The Texas College Bridge Program is a free program for juniors and seniors that have not demonstrated college readiness in math and/or English. Students are invited to take this online, personalized college prep course. Students may work at their own pace and will be monitored by a staff member that can provide assistance, if needed. When complete, the student will earn course credit and possibly a TSI exemption, depending on their intended college.

For more information about Texas College Bridge: <https://texascollegebridge.org/student/>

A list of participating college/universities can be found on the Texas College Bridge website:

<https://drive.google.com/file/d/1vjrmg2O4NdCfCtFtl-JSxzefto9rKsyd/view>

College Transfer Concerns: Things to Consider Regarding Credit Transfer

College Transfer Concerns: Things to Consider Regarding Credit Transfer

1. It is the student's responsibility to check with the institution they plan to transfer to, concerning the transferability of a course before they register for the course. Some private universities will not accept college credit if used for high school credit.
2. Texas public colleges and universities generally transfer courses which have common course numbers and designations. For example: ENGL 1301 is a common course that all Texas public colleges and universities carry. If a course does not carry the same number or designation at the transferring institution it may or may not transfer. The student should contact the receiving institution with concerns regarding transferability.
3. When a course transfers from one institution to another, the course may not count toward the courses needed for completion of a particular major. Transfer guides for most Texas institutions are available through the TVCC or TAMU-C advisors. The student is responsible for checking with the receiving institution regarding required courses for particular majors.
4. Private and out-of-state institutions will decide which courses will transfer individually. The student must contact the private or out-of-state institution to determine if a course will transfer.

****For any student requesting Late Arrival, they must be TSIA2 or Texas College Bridge complete in both math and English.****

COURSE DESCRIPTIONS

All courses listed in this guide will be open for students to request in the spring when choosing classes for the next school year. However, due to the number of student requests and available staffing, every course listed may not make the final schedule of classes.

ENGLISH LANGUAGE ARTS

ENGLISH I

Service ID: 03220100

Grade Level: 9

Prerequisite(s): None

Credit: 1 English Language Arts credit

English I studies include grammar and various types of literature, i.e. the novel, short story, drama, poetry. Students will read and study at least one novel per semester in class and also work to improve writing skills and oral communication. While various forms of writing may be explored, this course focuses on expository writing techniques. Preparation for the English I STAAR EOC is an integral part of this course.

Honors ENGLISH I

Grade Level: 9

Prerequisite(s): None, approval needed

Credit: 1 English Language Arts credit

This course will address the same objectives as English I, as well as prepare students for future advanced English classes. Students will be required to utilize higher-level thinking skills while studying advanced topics related to research, oral language development, literature concepts and skills, and literary appreciation. Geared to be challenging and college preparatory, the course demands substantial outside reading and study. Preparation for the English I STAAR EOC is an integral part of this course.

ENGLISH I for Speakers of Other Languages

Service ID: 03200600

Grade Level: 9

Prerequisite(s): None

Credit: 1 English Language Arts credit

ESOL I is a course for students who receive services as English Learners (EL). This course takes the place of and addresses the same objectives as English I with a focus on developing students' pre-academic language proficiency in the areas of listening, speaking, reading, and writing. Preparation for the English I STAAR EOC is an integral part of this course.

ENGLISH II

Service ID: 03220200

Grade Level: 10

Prerequisite(s): English I

Credit: 1 English Language Arts credit

English II studies involve students assimilating information, drawing conclusions, and expressing ideas in both oral and written composition for effective communication. In order to enhance composition, a sound vocabulary is stressed in readings of various prose and poetry selections from the adopted textbook and supplemental novels. Increased comprehension of figurative, literal and implied meanings is facilitated. Grammar and writing mechanics are stressed to strengthen writing skills. While various forms of writing may be explored, this course focuses on persuasive writing techniques. Preparation for the English II STAAR EOC is an integral part of this course.

Honors ENGLISH II

Grade Level: 10

Prerequisite(s): English I, approval needed

Credit: 1 English Language Arts credit

This course will address the same objectives as English II, as well as prepare students for future advanced English classes. Students will be required to utilize higher-level thinking skills while studying advanced topics related to research, oral language development, literature concepts and skills, and literary appreciation. Geared to be challenging and college preparatory, the course demands substantial outside reading and study. Preparation for the English II STAAR EOC is an integral part of this course.

ENGLISH II for Speakers of Other Languages

Service ID: 03200700

Grade Level: 10

Prerequisite(s): English I or ESOL I

Credit: 1 English Language Arts credit

ESOL II is a course for students who receive services as English Learners (EL). This course takes the place of and addresses the same objectives as English II with a focus on the continued development of students' pre-academic language proficiency in the areas of listening, speaking, reading, and writing. Preparation for the English II STAAR EOC is an integral part of this course.

ENGLISH III

Service ID: 03220300

Grade Level: 11

Prerequisite(s): English II

Credit: 1 English Language Arts credit

English III covers American Literature from the Colonial era through the present, with emphasis on analytical structure appropriate for understanding each genre, i.e. prose, poetry, short fiction, the novel, etc. This course is designed to introduce students to various American authors and literary movements. Students are presumed to have basic knowledge of English grammar, mechanics, and rhetoric, and the course focuses on refining and expanding these skills. Emphasis will be on coherence, ideas, elaboration, and organization. While various forms of writing may be explored, this course focuses on analytical writing techniques.

Honors ENGLISH III

Grade Level: 11

Prerequisite(s): English II, approval needed

Credit: 1 English Language Arts credit

This course will address the same objectives as English III, as well as prepare students for future advanced English classes. Students will be required to utilize higher-level thinking skills while studying advanced topics related to research, oral language development, literature concepts and skills, and literary appreciation. Geared to be challenging and college preparatory, the course demands substantial outside reading and study.

ENGLISH IV

Service ID: 03220400

Grade Level: 12

Prerequisite(s): English III

Credit: 1 English Language Arts credit

English IV prepares students to make personal progress in speaking, listening, reading, and writing. British literature, from its origins to the present, is a major area of study in this course. Oral discussion and written composition related to the literature enables the student to understand characters and conflicts, as well as improve upon communication skills. Literary analysis and argumentative writing are emphasized, and preparation for college English is an integral part of this course.

Advanced Placement (AP) ENGLISH Literature and Composition

Service ID: A3220200

Grade Level: 12

Prerequisite(s): English III, approval needed

Credit: 1 English Language Arts credit

The AP English Literature and Composition course is aligned with introductory, college-level literary analysis and writing. Students are engaged in various forms of writing opportunities, including reading response journals, reaction writing, timed writings, expository/argumentative writings, critical analyses, and additional creative writing. This course allows students to read a mixture of British, American, and World Literature. The readings engage students in the study of major authors, periods, genres, and themes—with a focus on drama, fiction, poetry, and prose. Students will be expected to closely read selections and examine the use of language, structure, style, and theme, as well as smaller elements like figurative language, imagery, symbolism, tone, attitude, diction, and mood and analyze how it affects a literary work.

MATHEMATICS

ALGEBRA I

Service ID: 03100500

Grade Level: 9

Prerequisite(s): None

Credit: 1 Mathematics credit

Algebra I provides students a foundation for advanced mathematics courses in high school. This course focuses on algebraic thinking and symbolic reasoning that can be used to generalize mathematical situations; the relationship between equations and functions, and function concepts; representations, tools, and technology for expressing functions; and equations and the underlying mathematical processes of Algebra. Preparation for the Algebra I STAAR EOC is an integral part of this course.

Honors ALGEBRA I

Grade Level: 9

Prerequisite(s): None, approval needed

Credit: 1 Mathematics credit

This course will address the same objectives as Algebra I, as well as prepare students for future honors classes. Students will be required to utilize higher-level thinking skills while constructing in-depth understanding of mathematical concepts that are necessary for college and career readiness. Preparation for the Algebra I STAAR EOC is an integral part of this course.

GEOMETRY

Service ID: 03100700

Grade Level: 9-10

Prerequisite(s): None

Credit: 1 Mathematics credit

Geometry provides students the opportunity to study concepts and skills involving the language of geometry (points, lines, planes and angles), reasoning and proofs (paragraph, two column, flow, indirect, and coordinate), parallel and perpendicular lines, congruent triangles, applications of congruent triangles, quadrilaterals, similarity, right triangles and trigonometry, circles, polygons and area, surface area and volume, coordinate geometry, and transformations. Students will connect algebraic concepts to geometric ideals and real-world applications.

Honors GEOMETRY

Grade Level: 9-10

Prerequisite(s): None, approval needed

Credit: 1 Mathematics credit

This course will address the same objectives as Geometry, as well as prepare students for future honors classes. Students will be required to utilize higher-level thinking skills while constructing in-depth understanding of mathematical concepts that are necessary for college and career readiness.

ALGEBRA II

Service ID: 03100600

Grade Level: 10-12

Prerequisite(s): Algebra I

Credit: 1 Mathematics credit

Algebra II allows students to build on knowledge and skills learned in Algebra I and Geometry. Students will further their study of quadratic functions, exponential functions, and systems of equations, as well as study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Connections between functions and their inverses and associated equations and solutions will be made mathematically and applied to real-world situations.

Honors ALGEBRA II

Grade Level: 10-12

Prerequisite(s): Algebra I, approval needed

Credit: 1 Mathematics credit

This course will address the same objectives as Algebra II, as well as prepare students for future advanced level courses such as Pre-Calculus and College Math. Students will be required to utilize higher-level thinking skills while constructing in-depth understanding of mathematical concepts that are necessary for college and career readiness.

MATHEMATICAL MODELS WITH APPLICATIONS

Service ID: 03102400

Grade Level: 10-12

Prerequisite(s): Algebra I

Credit: 1 Mathematics credit

Math Models is a course designed to allow students to continue to build on their K-8 and Algebra I foundations as they expand their understanding through other mathematical experiences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. This course requires students to use problem solving, language and communication, mathematical connections, and reasoning skills and involves practical applications in banking, credit cards, taxes, 1040 Forms, and investments concepts. This course **must be taken prior to Algebra II** if a student plans to complete their fourth year of math in Algebra II.

STATISTICS

Service ID: 13016900

Grade Level: 11-12

Prerequisite(s): Algebra II

Credit: 1 Mathematics credit

The course provides a study of statistics, including four main areas: exploratory analysis, probability, experimental design, and statistical inference. This course provides a solid base of statistical thinking for any students wanting to utilize the vast amounts of data in our world in order to make intelligent decisions.

PRE-CALCULUS

Service ID: 03101100

Grade Level: 11-12

Prerequisite(s): Algebra I, Geometry & Algebra II

Credit: 1 Mathematics credit

In Pre-Calculus, the student will explore advanced mathematical concepts. The course will include a study of the properties and applications of circular and trigonometric functions; Cartesian and polar coordinates; vectors; conic sections; advanced properties of points, lines and planes; functions and matrices will be considered. The course will conclude with an introduction to integral and differential calculus. Logic and analytic thinking will be emphasized. Students will be required to utilize higher-level thinking skills while constructing in-depth understanding of mathematical concepts that are necessary for college level mathematics courses.

AP CALCULUS AB

Service ID: A3100101

Grade Level: 12

Prerequisite(s): Pre-Calculus or College Math

Credit: 1 Mathematics Credit

Through an online course, in AP Calculus AB, the concepts, methods, and applications of differential and integral calculus are explored. Students will determine expressions and values using mathematical procedures and rules, connect representations, justify reasoning and solutions, and use correct notation, language, and mathematical conventions to communicate results or solutions. This course is in line with a first semester college calculus course, and college credit may be earned upon successful completion of the AP Calculus AB exam, which all students in the course will be expected to take.

SCIENCE

BIOLOGY

Service ID: 03010200

Grade Level: 9

Prerequisite(s): None

Credit: 1 Science credit

Biology includes useful terms, vocabulary, facts, basic laws, and theories of living organisms. It also develops an understanding of the relationships of man to his environment, of one organism to another, of structures to their functions, and of biological laws and principals to their applications. Biology provides extensive individual laboratory experiences. This course includes at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

Honors BIOLOGY

Grade Level: 9

Prerequisite(s): None, approval needed

Credit: 1 Science credit

This course will address the same objectives as Biology, as well as prepare students for future advanced level science courses. Students will be required to utilize higher-level thinking skills while constructing in-depth understanding of scientific concepts that are necessary for college and career readiness. This course includes at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

INTEGRATED PHYSICS AND CHEMISTRY

Service ID: 03060201

Grade Level: 9-10

Prerequisite(s): none

Credit: 1 Science credit

IPC is the foundational study of chemistry and physics concepts, which includes the study of the relationship between matter and energy, the study of actions and reactions, atomic structure, physical laws and chemical processes. Laboratory work and demonstrations are performed in this class to improve ability to distinguish experimental facts from theoretical concepts. This course includes at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

CHEMISTRY

Service ID: 03040000

Grade Level: 10-12

Prerequisite(s): Biology & Algebra I

Credit: 1 Science credit

Chemistry is an introduction to the study of the properties and changes in matter. Students will study the characteristics and classification of matter, use of the Periodic Table, development of atomic theory and structure, the mole, chemical bonding, nomenclature, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. This course includes at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

Honors CHEMISTRY

Grade Level: 10-12

Prerequisite(s): Biology, Algebra I, approval needed

Credit: 1 Science credit

This course will address the same objectives as Chemistry, as well as prepare students for future advanced level science courses. Students will be required to utilize higher-level thinking skills while constructing in-depth understanding of scientific concepts that are necessary for college and career readiness. This course includes at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

PRINCIPLES OF TECHNOLOGY

Service ID: 13037100

Grade Level: 10-12

Prerequisite(s): Biology and Algebra I

Credit: 1 Science credit

Principles of Technology is a practical laboratory-based course where students learn how to apply traditional physics concepts to technological situations and focuses more on the use of physics concepts in the workplace. Students will study traditional physics concepts in the context of their relationship to four energy systems - mechanical, fluid, electrical, and thermal.

PHYSICS

Service ID: 03050000

Grade Level: 10-12

Prerequisite(s): Algebra I

Credit: 1 Science credit

Physics is a course designed to give students the opportunity to study concepts in the area of physical science. Students will learn about the interactions of matter and energy, velocity, accelerations, force, energy, momentum, and charge. This course requires students to engage in thinking about physical relationships thoroughly, such as consequences of a physical interaction, and experimenting and interpreting the results of a physical interaction, as well as develop a basic knowledge of the structure of matter and the nature of energy. This course includes at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

Honors PHYSICS

Grade Level: 10-12

Prerequisite(s): Algebra I, approval needed

Credit: 1 Science credit

This course will address the same objectives as Physics, as well as prepare students for future advanced level science courses. Students will be required to utilize higher-level thinking skills while constructing in-depth understanding of scientific concepts that are necessary for college and career readiness. This course includes at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

ANATOMY & PHYSIOLOGY

Service ID: 13020600 (1 credit)

Grade Level: 11-12

Prerequisite(s): Biology and one additional science course, approval needed

Credit: 1 Science credit

A&P is the study of the structure and function of the human body. This course is designed to prepare students for careers in the Health Science field. Students will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems. Students will be required to utilize higher-level thinking skills while constructing in-depth understanding of scientific concepts that are necessary for college and career readiness. This course includes at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

ENVIRONMENTAL SYSTEMS

Service ID: 03020000

Grade Level: 11-12

Prerequisite(s): Biology & Physics or IPC

Credit: 1 Science credit

Environmental Systems is a course that extends on life and physical science topics, including factors in habitats; ecosystems and biomes; interrelationships among resources and an environment system; sources of energy through an environmental system; relationship between carrying capacity and changes in populations; and changes in environments.

Students will make predictions and examine alternative solutions to environmental issues of today. This course includes at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

FORENSIC SCIENCE

Service ID: 13029500 (1 credit)

Grade Level: 11-12

Prerequisite(s): Biology & Chemistry

Credit: 1 Science credit

Forensic science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and 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 to solve crimes, as well as the history, legal aspects, and career options for forensic science. The student, for at least 40% of instructional time, conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. These investigations must involve actively obtaining and analyzing data with physical equipment, but may also involve experimentation in a simulated environment as well as field observations that extend beyond the classroom.

SOCIAL STUDIES

WORLD HISTORY STUDIES

Service ID: 03340400

Grade Level: 10

Prerequisite(s): None

Credit: 1 Social Studies credit

World History is a global study of humankind's achievements from the beginning of written records to the present. Special emphasis is given to cultural patterns that have arisen as a result of the interrelation of geographic, social, economic and political factors, specifically since the 17th century. Attention to current world affairs is provided in an attempt to understand the past in terms of present-day forces and problems.

Honors WORLD HISTORY STUDIES

Grade Level: 10

Prerequisite(s): None, approval needed

Credit: 1 Social Studies credit

This course will address the same objectives as World History Studies, as well as prepare students for future advanced level social studies courses. Students will be required to utilize higher-level thinking skills while constructing in-depth understanding of social studies concepts that are necessary for college and career readiness.

UNITED STATES HISTORY

Service ID: 03340100

Grade Level: 11

Prerequisite(s): None

Credit: 1 Social Studies credit

U.S. History covers the time and events between 1877 and the present. Students will study historical content involving the political, economic, and social events and issues throughout various eras including the Industrial Revolution, World War I and II, the civil rights movement, and the War on Terror. This course also delves into topics in American citizenship and culture, as well as American advancements in science and technology.

Honors UNITED STATES HISTORY

Grade Level: 11

Prerequisite(s): None, approval needed

Credit: 1 Social Studies credit

This course will address the same objectives as United States History, as well as prepare students for future advanced level social studies courses. Students will be required to utilize higher-level thinking skills while constructing in-depth understanding of social studies concepts that are necessary for college and career readiness.

UNITED STATES GOVERNMENT

Service ID: 03330100

Grade Level: 12

Prerequisite(s): None

Credit: ½ Social Studies credit

United States Government provides an opportunity to explore the political and governing processes, elements of political theories and governmental structures included in the social studies at previous levels. Students will study state government and local governing bodies, and the rights and responsibilities of American citizenship.

PERSONAL FINANCIAL LITERACY AND ECONOMICS

Service ID: 03380083

Grade Level: 12

Prerequisite(s): None

Credit: ½ Social Studies credit

Personal Financial Literacy and Economics is an interactive and research-based course that teaches students to analyze financial decisions that will allow them to lead secure lifestyles and understand personal financial responsibility. The ideas, concepts, knowledge, and skills gained in the course will enable students to become wise, successful, and knowledgeable consumers, savers, investors, users of credit, money managers, and to be participating members of a global workforce and society.

LANGUAGES OTHER THAN ENGLISH (LOTE)

SPANISH I

Service ID: 03440100

Grade Level: 9-12

Prerequisite(s): None

Credit: 1 Foreign Language credit

This is an introductory course to the Spanish language and the cultures of its speakers. The purpose of Spanish I is to facilitate the practical application of the language in everyday oral and written communication at the beginning novice level. Emphasis is also placed on learning basic vocabulary as a building block to oral speech, communication and grammar. Since the focus will be on basic communication skills, the class will be conducted in Spanish as much as possible.

SPANISH II

Service ID: 03440200

Grade Level: 10-12

Prerequisite(s): Spanish I

Credit: 1 Foreign Language credit

This course completes the introduction to the basic grammar of Spanish and is designed for persons with essential knowledge of Spanish. Emphasis will be on proficiency in basic communication, listening, speaking, reading and writing. Students will become more aware of the culture that speaks the language through selected readings and discussions and through active participation in selected projects.

Honors SPANISH III

Service ID: 03440300

Grade Level: 11-12

Prerequisite(s): Spanish II, approval needed

Credit: 1 Foreign Language credit

Spanish III is a course emphasizing the use of Spanish for active communication; it involves aural/oral skills, reading comprehension, grammar and composition. This course explores the arts, history, current events, literature, culture and music of Spanish speaking countries. Students will be expected to routinely practice advanced listening, speaking, reading, and writing skills in Spanish.

Honors SPANISH IV

Service ID: 03440400

Grade Level: 12

Prerequisite(s): Spanish III, approval needed

Credit: 1 Foreign Language credit

Spanish IV extends the skills acquired in Spanish III through a variety of exercises, including guided conversations, games, songs, role-playing, and informal and formal presentations. While emphasis is on oral communication, students are expected to read, write, listen, and speak in Spanish fluently.

PHYSICAL EDUCATION

Fall semester of marching band counts as a ½ credit of physical education.

FOUNDATIONS OF PERSONAL FITNESS (PE)

Service ID: PES00052

Grade Level: 9-12

Prerequisite(s): None

Credit: ½ credit per semester

Foundations of Personal Fitness represents a new approach in physical education and the concept of personal fitness. The basic purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness, or striving to reach optimal levels of health, is the cornerstone of this course and is exemplified by one of the course objectives-students designing their own personal fitness program.

ATHLETICS

Service ID:

PES00000 (Athletics 1)

PES00001 (Athletics 2)

PES00002 (Athletics 3)

PES00003 (Athletics 4)

Grade Level: 9-12

Prerequisite(s): Physical examination each school year & Athletic Director approval

Credit: ½ credit per semester

Athletics involves participation in a series of competitive events throughout the year. Students may earn their physical education graduation requirement through this course. Participation in athletics develops the bodies and minds of young people to higher levels of efficiency, as well as self-confidence and a sense of personal accomplishment. Competition in athletics teaches commitment, dedication, and goal setting skills. Also, athletics will develop work ethic, physical skills, and athletic ability. The athlete will develop the ability to compete physically and mentally.

FINE ARTS

ART I

Service ID: 03500100

Grade Level: 9-12

Prerequisite(s): None

Credit: 1 Fine Arts credit

Art I is a course designed to give beginner level art students experience in basic techniques in drawing, painting, design, and sculpture, as well as a foundational understanding of terminology. Students explore a variety of art media in this foundational course that emphasizes the elements of art.

ART II

Service ID: 03500200

Grade Level: 10-12

Prerequisite(s): Art I

Credit: 1 Fine Arts credit

Art II is a continuation of various art processes, procedures, and experiences acquired in Art I. Students explore the principles of design in order to strengthen technical and creative skills in art.

ART III

Service ID: 03500300

Grade Level: 11-12

Prerequisite(s): Art II

Credit: 1 Fine Arts credit

Art III is a continuation of various art processes, procedures, and experiences acquired in both Art I and Art II. Students use their knowledge while exploring new ideas and concepts to strengthen their work and creative imagination. Students will begin in creating a working portfolio, demonstrating a more in-depth study and concentration in their areas of interest.

ART IV

Service ID: 03500400

Grade Level: 12

Prerequisite(s): Art III

Credit: 1 Fine Arts credit

This program allows the advanced student to have concentrated experiences in areas of special interest. This course is primarily designed for those students interested in art as a career, support for related fields, or personal satisfaction. Students create a working portfolio based on their special interest in art media and subject matter.

BAND I-IV

Service ID:

03150100 (Band 1)

03150200 (Band 2)

03150300 (Band 3)

03150400 (Band 4)

Grade Level: 9-12

Prerequisite(s): 2 years of JH Band and/or Band Director approval

Credit: 1 Fine Arts credit (each level) and/or ½ PE credit for fall semester

This course will consist of marching band in the fall semester and concert band in the spring semester. Students taking band will be required to attend extra rehearsals in preparation for the various activities and contests they will be entering. Much of their grade will be

dependent on their participation. Varsity football players and cheerleaders who wish to take band may do so and marching status will be reviewed on a case by case basis. However, junior varsity members who wish to do both will still be required to march. After school rehearsals will be worked out with the director. Students taking band during the fall semester will be given physical education credit. Two semesters of marching band will satisfy the physical education requirement.

INSTRUMENTAL ENSEMBLE I-IV

Service ID:

03151700 (Instrumental Ensemble I)

03151800 (Instrumental Ensemble II)

03151900 (Instrumental Ensemble III)

03152000 (Instrumental Ensemble IV)

Grade Level: 9-12

Prerequisite(s): None; Co-requisite: Band

Credit: 1 Fine Arts credit (each level)

This is an upper-level project driven class which explores and expands a student's knowledge and experiences in instrumental music. Students will develop instrumental technique, music literacy, and aesthetic musical awareness through rehearsal, performance, and study of high-quality band literature. Instrumentalists work on the fundamentals of music notation, sound production, instrument care and maintenance, and personal and group rehearsal strategies.

MUSIC APPRECIATION

Service ID:

03155600 (Music Appreciation I)

03155700 (Music Appreciation II)

Grade Level: 9-12

Prerequisite(s): None

Credit: 1 Fine Arts credit

This is a non-performance class that explores music of various styles through listening experiences. All styles of music are covered (classical, folk, music theater, jazz, popular, etc.). Investigations of composers and performers integral to the styles are included in the class. Activities include listening, discussions, projects, and presentations on each style of music.

THEATRE ARTS I

Service ID: 03250100

Grade Level: 9-12

Prerequisite(s): None

Credit: 1 Fine Arts credit

In Theatre I, students are introduced to the basic concepts and experiences of theatre. Students will learn individual and group acting skills and will be introduced to the primary elements of live theater and drama: improvisation, pantomime, theatre terms, theatre history, diction, vocal production, dramatic structure, technical design, and much more.

THEATRE ARTS II

Service ID: 03250200

Grade Level: 9-12

Prerequisite(s): Theatre Arts I

Credit: 1 Fine Arts credit

In Theatre II, students learn even more about the concepts and experiences of theatre. In addition to exploring improvisation, theatre history, dramatic structure, diction, and many of the other concepts to which students were introduced in Theatre Arts I, students spend much time focusing on Acting Theory, exploring the history of acting styles and practicing both traditional and modern techniques geared toward developing their acting ability.

THEATRE ARTS III, IV

Service ID:

03250300

03250400

Grade Level: 9-12

Prerequisite(s): Theatre Arts II or Theater Arts III

Credit: 1 Fine Arts credit (each level)

In Theatre Arts III and IV, students will further explore individual and group acting skills. Students will learn even more about dramatic structure, diction, script analysis, and other theatrical concepts and skills as they explore acting styles, technical design, and actual direction and production in an advanced and practical setting. Students will be given the opportunity to develop and enhance their acting skills so that they can be well-prepared for collegiate or professional study.

ELECTIVES-AGRICULTURE & CONSTRUCTION

PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES

Service ID: 13000200 (1 credit)

Grade Level: 8-12

Prerequisite(s): None

Credit: 1 Elective credit

Principles of Ag is a basic course designed to provide an introduction to global agriculture. The course includes agricultural units in agricultural career development, leadership, communications, personal finance, and mechanized agriculture. Students will develop a basic agricultural comprehension in agricultural science. The course includes soils, plants, animals, agricultural construction, food science, supervised agricultural experience programs, and leadership.

LIVESTOCK PRODUCTION

Service ID:

13000300 (1 credit)

13000310 (2 credits)

Grade Level: 10-12

Prerequisite(s): Principles of Ag, Food, and Natural Resources

Credit: 1 Elective credit

This course is designed to develop knowledge and skills pertaining to the nutrition, reproduction, health, and management of domestic animals. Students will develop an understanding of topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry.

ADVANCED ANIMAL SCIENCE

Service ID: 13000700 (1 credit)

Grade Level: 11-12

Prerequisite(s): Biology, Chemistry or IPC, Algebra I, Geometry, & Livestock Production

Credit: 1 Elective or additional Science credit

Advanced Animal Science is a course designed to develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of animals. Students will explore the relationships amongst human, scientific, and technological aspects of livestock production. Students will be required to utilize higher-level thinking skills while constructing in-depth understanding of scientific concepts that are necessary for college and career readiness. This course includes at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.

FLORAL DESIGN

Service ID:

13001800 (1 credit)

Grade Level: 9-12

Prerequisite(s): Principles of Ag, Food, and Natural Resources

Credit: 1 Elective or Fine Arts credit (2 Elective Credits if taken w/Lab)

In this course students will be trained on careers in floral design. Students will attain academic skills and knowledge as well as technical knowledge and skills related to horticultural systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. Students respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.

ADVANCED FLORAL DESIGN

Service ID: N1300270 (1 credit)

Grade Level: 11-12

Prerequisite: Floral Design/Lab

Credit: 1 Elective 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 AND METAL TECHNOLOGIES

Service ID:

13002200 (1 credit)

13002210 (2 credits)

Grade Level: 10-12

Prerequisite(s): Principles of Ag, Food, and Natural Resources

Credit: 1 Elective credit

This course is designed to develop skills in selection, operation, and maintenance of small air-cooled engines, multi-cylinder engines, hydraulic motors, electric motors, and agricultural machinery and tractors. Students will develop skills in the maintenance, evaluation, design, and building of agricultural structures using approved construction techniques.

AGRICULTURAL EQUIPMENT DESIGN AND FABRICATION

Service ID:

13002350 (1 credit)

Grade Level: 11-12

Prerequisite(s): Ag Mechanics and Metal Technologies

Credit: 1 Elective credit

In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. Students will attain knowledge and skills related to agricultural structures design and fabrication.

AGRICULTURAL POWER SYSTEMS

Service ID:

13002400 (2 credits)

Grade Level: 11-12

Prerequisite(s): Agriculture Mechanics and Metal Technologies

Credit: 2 Elective credits

This course is a comprehensive pre-employment laboratory-oriented course designed to develop skills in the maintenance, repair, and recondition of agricultural vehicles and machinery. The course emphasizes basic principles of operation, while including modern, high-tech components, systems monitors, on-board computers, etc.

PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES

Service ID:

13002500 (2 credits)

13002505 (3 credits)

13002510 (2 credits)

13002515 (3 credits)

Grade Level: 11-12

Prerequisite(s): Must have completed 2-3 courses in any Ag/Food/NatRes coherent sequence

Credit: 2 Elective credits

This course is a work-site learning course designed to provide training in specific agribusiness careers. Classroom learning and work-site learning provide career and related training by alternating group and individual instruction in the classroom with the work-site training experiences at an approved agribusiness training station in the local community. *Students must enter this course within the first 7 days of school.*

PRINCIPLES OF CONSTRUCTION

Service ID: 13004220 (1 credit)

Grade Level: 9-12

Prerequisite: None

Credit: 1 elective credit

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 I

Service ID: 13005100 (2 credits)

Grade Level 10-12

Prerequisite(s): Principles of Ag, Food, and Natural Resources

Credit: 2 Elective credits

Construction Tech I is an exploratory course which addresses the utilization of construction for residential and civil structures. Students study and use common construction tools, machines, materials, and processes. Experiences in planning and controlling construction systems and projects allow students to explore the organizational structures and management strategies in construction.

CONSTRUCTION TECHNOLOGY II

Service ID: 13005200 (2 credits)

Grade Level 11-12

Prerequisite(s): Construction Technology I

Credit: 2 Elective credits

In Construction Technology II, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in construction management, architecture, or

engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills.

PRACTICUM IN CONSTRUCTION TECHNOLOGY

Service ID:

13005250 (2 credits)

13005255 (3 credits)

13005260 (2 credits)

13005265 (3 credits)

Grade Level: 12

Prerequisite: Construction Technology II

Credit: 2 Elective credits

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.

ELECTIVES-COMMUNICATIONS

PRINCIPLES OF AUDIO AND VIDEO TECHNOLOGY

SERVICE ID: 13008200 (1 credit)

Grade Level: 9

Prerequisite: None

Credit: 1 Elective credit

The goal of this course is for the student to understand arts, audio/video technology, and communications systems. 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.

AUDIO AND VIDEO PRODUCTION I or AUDIO AND VIDEO PRODUCTION I W/LAB

Service ID:

13008500 (1 credit)

13008510 (2 credits)

Grade Level: 10-12

Prerequisite(s): None

Credit: 1 Elective credit

This course will explore the Audio and Video production industry and its post-secondary educational and career opportunities. Students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers. Professional grade equipment and software will be used in the creation of student led productions. Students will

be involved in every aspect of several class and small group audio, video, and film style production projects with emphasis on TV studio broadcasting and news production projects.

AUDIO AND VIDEO PRODUCTION II or AUDIO AND VIDEO PRODUCTION II W/LAB

Service ID:

13008600 (1 credit)

13008610 (2 credits)

Grade Level: 10-12

Prerequisite: Audio and Video Production I

Credit: 1 Elective Credit

Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. This course may be implemented in an audio format or a format with both audio and video.

PRACTICUM OF AUDIO AND VIDEO PRODUCTION

Service ID:

13008700 (2 credits)

13008705 (3 credits)

13008710 (2 credits)

13008715 (3 credits)

Grade Level: 11-12

Prerequisite: Audio and Video Production II

Credit: 2 Elective Credits

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

ELECTIVES-FOOD SERVICES

INTRO TO CULINARY ARTS

Service ID: 13022550 (1 credit)

Grade Level: 9-12

Prerequisite(s): None

Credit: 1 Elective credit

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. Students will develop basic

food production skills, industry management skills, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry.

CULINARY ARTS

Service ID: 13022600 (2 credits)

Grade Level: 10-12

Prerequisite(s): Intro to Culinary Arts

Credit: 2 Elective credits

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students will develop advanced skills in reading, writing, mathematics, and science for the food service industry, as well as principles in time management, decision making, effective communication, and prioritizing. In addition, students will be expected to use technology and computer applications to manage food service operations.

ADVANCED CULINARY ARTS

Service ID: 13022650 (2 credits)

Grade Level: 11-12

Prerequisite(s): Culinary Arts

Credit: 2 Elective credits

This course provides students with advanced level skills in the areas of food service and hospitality. Students will apply the knowledge and skills developed in Culinary Arts while planning, costing, preparing, and serving meals through project-based learning. Upon completion of this course, students will be prepared for entry-level positions in the food industry.

PRACTICUM IN CULINARY ARTS

Service ID:

13022700 (2 credits)

13022705 (3 credits)

13022710 (2 credits)

13022715 (3 credits)

Grade Level:12

Prerequisite: Advanced Culinary Arts

Credit: 2 Elective Credits

Extended Practicum in Culinary Arts is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Extended Practicum in Culinary Arts integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions, with the goal of further enhancing the knowledge, skills, and industry-based experiences that students receive through workplace application.

ELECTIVES-FINANCIAL SERVICES

PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

Service ID: 13011200

Grade Level: 9-12

Prerequisite(s): None

Credit: 1 Elective credit

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

FINANCIAL MATHEMATICS

Service ID: 13018000

Grade Level: 10-12

Prerequisite(s): Algebra I

Credit: 1 Elective or Mathematics credit

Financial Mathematics is a course that allows students to deal with personal money management and apply critical thinking skills to analyze personal financial decisions based on current and projected economic factors. This course integrates career and postsecondary education planning into financial decision making.

SPORTS AND ENTERTAINMENT MARKETING

Service ID: 13034600

Grade Level: 10-12

Prerequisite(s): None

Credit: 1/2 Elective credit

Sports and Entertainment Marketing is a course designed to build upon students' prior knowledge of sports and entertainment marketing. Students will develop a thorough understanding of advanced marketing concepts and theories as they relate to the sports and entertainment industries. Students will investigate the components of branding, sponsorships and endorsements, as well as promotion plans needed for sports and entertainment events. The course also supports career development skills and explores career options. Academic skills (mathematics, science, English, and history/social science) related to the content are a part of this course.

SOCIAL MEDIA MARKETING

Service ID: 13034650

Grade Level: 10-12

Prerequisite(s): None

Credit: 1/2 Elective credit

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.

Retail Management

Service ID: N1303420

Grade Level(s): 10-12

Prerequisite(s): Principles of Business (recommended)

Credit: 1.0

Retail management focuses on the distribution and selling of products to consumers using various vending points such as chain stores, department stores, stand-alone stores, and various online markets. The course highlights the everyday mechanisms necessary to operate a successful retail establishment. The student is taught to evaluate methods for promoting merchandise, supervising employees, handling customer needs, and maintaining inventories.

Practicum in Business Management

Service ID:

13012200 (2 credits)

13012205 (3 credits)

Grade Level: 11-12

Prerequisite(s): None

Credit: 2 or 3 Elective credits

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

ELECTIVES-HUMAN SERVICES & EDUCATION

PRINCIPLES OF HUMAN SERVICES

Service ID: 13024200 (1 credit)

Grade Level: 9-10

Prerequisite(s): None

Credit: 1 Elective credit

This course is designed to address a broad range of knowledge and skills related to personal development and management, promotion of strong families, and preparation for adult roles. Content includes a focus on interpersonal skills; decision-making; promotion of family strengths and well-being; developing positive relationships with peers; child development and care; and clothing selection and maintenance. Other studies address nutrition and dietary practices; food selection and preparation; budgeting and consumer-buying practices; and management of family housing needs. Influences of societal and technological changes, career options, and the management of multiple family, community, and wage earner roles are included.

HUMAN GROWTH AND DEVELOPMENT

Service ID: 13014300 (1 credit)

Grade Level: 10-12

Prerequisite(s): Principles of Human Services

Credit: 1 Elective credit

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 an introductory course in developmental psychology or human development.

INSTRUCTIONAL PRACTICES

Service ID: 13014400 (2 credits)

Grade Level: 11-12

Prerequisite(s): Human Growth and Development

Credit: 2 Elective credits

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

PRACTICUM IN EDUCATION

Service ID:

13014500 (2 credits)

13014505 (3 credits)

13014510 (2 credits)

13014515 (3 credits)

Grade Level: 12

Prerequisite(s): Instructional Practices

Credit: 2 Elective credits

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students.

INTRODUCTION TO COSMETOLOGY

Service ID: 13025100

Grade Level: 9-12

Prerequisite(s): None; Co-requisite: Principles of Human Services

Credits: 1 Elective credit

Students will explore such areas as hair styling, manicuring, shampooing and the principles of hair cutting, hair styling, hair coloring and facial makeup. The students will develop dexterity, a sense of style lines and an eye for color tones. Upon completion of this course, the student will have a better understanding of the art and science of beauty care. Students may begin to earn hours toward state licensing requirements.

COSMETOLOGY I or COSMETOLOGY I w/LAB

Service ID:

Cos I- 13025200 (2 credits)

Cos Lab I- 13025210 (3 credit)

Grade Level: 10-12

Prerequisite(s): Intro to Cosmetology

Credits: 2-3 Elective credits

Cosmetology services include the knowledge and application of the principles and practice of the treatment of hair, skin, and nails in accordance with licensing requirements. Students will learn the function and application of the tools, equipment, technologies, and materials used in cosmetology. Students will earn hours toward state licensing requirements.

COSMETOLOGY II or COSMETOLOGY II w/LAB

Service ID:

Cos II- 13025300

Cos Lab- 13025310

Grade Level: 11-12

Prerequisite(s): Cosmetology I or Cosmetology I w/Lab

Credits: 2-3 Elective credits

Cosmetology Services II includes the application of knowledge learned in the prerequisite courses including the principles and practice of the treatment of hair, skin, and nails in accordance with licensing requirements. Students will practice the function and application of the tools, equipment, technologies, and materials used in cosmetology. Students will earn hours toward state licensing requirements.

PRACTICUM IN HUMAN SERVICES

Service ID:

13025000 (First Time Taken)

13025010 (Second Time Taken)

Grade Level: 12

Prerequisite(s): Must have completed 2-3 courses in any Public Services coherent sequence

Credit: 2 Elective credits

Practicum in Human Services provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community-services careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the human services cluster. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

ELECTIVES-HEALTH SCIENCES

PRINCIPLES OF HEALTH SCIENCE

Service ID: 13020200 (1 credit)

Grade Level: 9-12

Prerequisite(s): None

Credit: 1 Elective Credit

Principles of Health Science provides an overview of career exploration through systems of the healthcare industry. The course focuses on ethics, leadership, cultural diversity, communication skills and an introduction to medical math and research, with an emphasis on past and current healthcare trends. Students will also be introduced to new topics specific to the healthcare industry to expand upon previous knowledge. Key topics include: public health, community education, nutrition, health and wellness across life stages and infection control. Students must demonstrate competency in medical skills as well as master medical terminology. This course will help prepare students for the transition into clinical or work-based experiences.

MEDICAL TERMINOLOGY

Service ID: 13020300 (1 credit)

Grade Level: 10-12

Prerequisite(s): Biology

Credit: 1 Elective credit

A course designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots, and abbreviations. By relating terms to body systems, students identify proper use of words in a medical environment. Knowledge of medical terminology enhances the student's ability to successfully secure employment or pursue advanced education in health care.

EMERGENCY MEDICAL TECHNICIAN- BASIC

13020510 (2 credits)

13020515 (3 credits)

Grade Level: 11-12

Prerequisite: Biology and A&P (A&P can be taken with EMT-Basic)

Credit: 2 Elective credits

(EMT)—Basic instructs students to meet and exceed standard knowledge needed to be a valid Emergency Medical Technician. The curriculum includes skills necessary for a student to provide entry level emergency medical care, life support, and ambulance service. The EMT—Basic course is an introductory course to concepts, knowledge, and skills needed by EMTs in the areas of communications, transportation, and recordkeeping. Students interested in working in public safety, including fire, police, and ambulance operators will be capable of performing the job expectations of an EMT safely and effectively after the completion of this course. This course ties into the Law, Public Safety, Corrections, and Security Career Cluster.

PRACTICUM IN HEALTH SCIENCE

Service ID:

13020500 (2 credits)

13020505 (3 credits)

Grade Level: 11-12

Prerequisite(s): Health Science Theory and Biology

Credit: 2 Elective credits

The Practicum is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions. **This course may require the student to travel to an off-site location.**

ELECTIVES-COLLEGE & CAREER READINESS

NEXT STEP

Service ID: N1270153

Grade Level: 12

Prerequisite(s): None

Credit: 1 Elective credit *REQUIRED for Class of 2024 and beyond*

This course provides students with the opportunity to explore a multitude of options for post-secondary life (college, career, and military). Students will obtain knowledge of the skills

needed for employment and how to obtain those skills, as well as how to adapt to life beyond high school. Employability skills that are necessary to be productive in any career will be developed. This course will guide students to making the best post-secondary choice for them based on investigative measures and skill development activities. This course is a local graduation requirement for all students entering their 9th grade year in 2020.

CAREER PREPARATION I-II (Work Program)

Service ID:

12701300 (CAREERP1) 2 credits

12701305 (EXCAREE1) 3 credits

12701400 (CAREERP2) 2 credits

12701405 (EXCAREE2) 3 credits

Grade Level: 11-12

Prerequisite(s): Must have completed 2-3 courses in a CTE coherent sequence

Credit: 2 Elective credits (each level)

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

Students must enter this course within the first 7 days of school.

****To qualify for the Work Program, a student must be in good standing on attendance, class credits, EOC requirements (relevant for grade level), and must complete one course from Texas College Bridge (Math or English) OR pass one portion of TSIA (Math or English).**

ELECTIVES-TECHNOLOGY APPLICATIONS

FUNDAMENTALS OF COMPUTER SCIENCE

Service ID: 03580140

Grade Level: 9-12

Prerequisite(s): None

Credit: 1 Technology credit

This online, Edgenuity course introduces students to computer science concepts such as computer architecture, networks, and the Internet. Students use object-oriented programming, event-driven processes, modular computer programming, and data manipulation algorithms to produce finished software programs. They use the design process to create many programs by determining specifications, designing the software, and testing and improving the product until it meets the specifications. By the end of this course, students will have a solid foundation for further study in computer science.

SPECIAL COURSE OFFERINGS

ATHLETIC TRAINER

Service ID: N1302104

Grade Level: 9-12

Prerequisite: None

Credit: local credit

Students will gain an understanding of body mechanics, physiological functions of muscles and movements, and the psychological impact of sports and athletic performance while actively assisting during athletic activities and/or events. A student must go through an application process with Instructor approval.

MAPS (Methodology for Academic and Personal Success

Service ID: N1130021

Grade Level: 9-10

Prerequisite(s): None

Credit: 1 Elective credit

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.

LIFETIME NUTRITION AND WELLNESS

Service ID: 79722700

Grade Level: 10-12

Prerequisite(s): Principles of Human Services (Recommended)

Credit: ½ Elective credit

This laboratory course addresses nutrition, food choices, and food management. Instruction includes food habits and wellness, menu planning, food costs and budgeting, consumer buying strategies, food safety and sanitation, and careers relating to the food industry, hospitality, human or health services. Supply and materials fee required.

INTERPERSONAL STUDIES

Service ID: 13024400

Grade Level: 10-12

Prerequisite(s): Principles of Human Services

Credit: ½ Elective credit

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

Family and Community Services

Service ID: 13024900

Grade Level: 10-12

Prerequisite(s): None

Credit: 1 Elective credit

Family and Community Services is a laboratory-based course designed to involve students in realistic and meaningful community-based activities through direct service or service-learning experiences. Students are provided opportunities to interact with and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.

NEWSPAPER/YEARBOOK I

Service ID: 03580400

Grade Level: 9-12

Prerequisite(s): None

Credit: 1 Elective credit

Students study the basic principles of print as they examine the role of news media in our society while exploring topics in broadcasting, newspaper reporting, and yearbook production. They learn investigative skills, responsible reporting, and journalistic writing techniques as they read, respond to, and write their own news and feature articles while demonstrating creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others, as well as independently. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect and will demonstrate a thorough understanding of digital design principles that is transferable to other disciplines.

NEWSPAPER/YEARBOOK II

Service ID: 13009100

Grade Level: 9-12

Prerequisite: Newspaper/Yearbook I

Credit: 1 Elective credit

This course introduces students to the print production process with emphasis on newspaper reporting with a focus on creating quality photographs. Students are expected to plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. In addition, students utilize works of professional journalists, technology, and visual and electronic media, tools for learning, as students create, clarify, critique, write, and produce effective communications.

NEWSPAPER/YEARBOOK III

Service ID: 13009200

Grade Level: 10 -12

Prerequisite(s): Newspaper/Yearbook II

Credit: 1 Elective credit

This course is a study of the advanced principles of journalism. Students continue to practice the different types of written news and visual communications, photography with a focus on producing, promoting, and presenting professional quality photographs, and practicing editing techniques. Students master the computer programs necessary for desktop publishing and have increasing responsibility for newspaper production and photographs, editing, and layout.

NEWSPAPER/YEARBOOK IV

Service ID:

13009250 (First Time Taken)

13009260 (Second Time Taken)

Grade Level: 11 -12

Prerequisite(s): Newspaper/Yearbook III

Credit: 2 Elective credits

This course is a continuation of Newspaper/Yearbook skills with an advanced technical understanding of photography, with a focus on producing and presenting professional quality photographs for newspaper and yearbook production. Students are expected to become analytical consumers of media and technology to enhance their communication skills, as well as demonstrate advanced practices in journalistic reporting and writing.