## Rains High School Course Catalog 2022-2023



Responsible Hardworking Students Create Adults That Succeed!

Rains High School
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# RHS Course Catalog 2022-2023 

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!

Jennifer Moore, M. Ed.
RHS Dean of Students
Lindsay Morgan, Ed. D.
RHS Principal
Jeana Penny, 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.
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## 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.

## 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

## II. COURSE REQUIREMENTS

## III. TEST REQUIREMENTS

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

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 $10^{\text {th }}$ 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
28 units of credit to receive a diploma on the Foundation High School Plan with an Endorsement,
or

## 28 units of credit to receive a diploma on the Foundation High School Plan with an Endorsement and Distinguished Achievement

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 <br> Algebra I \& Geometry Required | 3 Credits | 4 Credits | 4 Credits Algebra II Required |
| Science Biology Required | 3 Credits | 4 Credits | 4 Credits |
| Social Studies <br> World Geography OR World History, US History \& Government/Economics Required | 3 Credits | 4 Credits | 4 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 | 28 Credits | 28 Credits |
| Available Endorsements: <br> 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 <br> Level 2: Livestock Production <br> Level 3: Advanced Animal Science <br> Level 4: Practicum in Agriculture, Food, \& Natural Resources |
| Applied Agricultural <br> Engineering | Level 1: Principles of Agriculture, Food, \& Natural Resources <br> Level 2: Agriculture Mechanics and Metal Technologies <br> Level 3: Agritulture Power Systems OR Agriculture <br> Equipment Design \& Fabrication <br> Level 4: Practicum in Agriculture, Food, \& Natural Resources |
| Digital Communications | Level 1: Principles of Arts, A/V Technology and Communication <br> Level 2: Audio/Video Production I/Lab <br> Level 3: Audio Video Production II/Lab <br> Level 4: **Practicum of Audio/Video Production |
| Information Technology |  |
| Support and Services |  |$\quad$| Level 1: Principles of Information Technology- Tech Squad I |
| :--- |
| Level 2: Computer Maintenance Lab- Tech Squad II |
| Level 3: **Computer Technician Practicum- Tech Squad III |
| Level 4: **Computer Technician Practicum (Second Time Taken)- |
| Tech Squad IV |


|  | Level 1: Principles of Construction <br> Level 2: Plumbing Technology I <br> Level 3: Plumbing Technology II <br> Level 4: Practicum in Construction Technology |
| :---: | :--- |
| Design \& Multimedia Arts | Level 1: Digital Media <br> Level 2: Graphic Design \& Illustration I <br> Level 3: Graphic Design \& Illustration II/Lab <br> Level 4: Practicum in Graphic Design |
| Accounting \& Financial | Grade 9: Principles of Business, Marketing, \& Finance <br> Grade 10: Financial Mathematics <br> Grade 11: Accounting I <br> Grade 12: Accounting II and/or Practicum of Business <br> Management |

## *Public Services*

| Sequence | Required Courses |
| :---: | :--- |
| Teaching \& Training | Level 1: Principles of Human Services <br> Level 2: Human Growth and Development <br> Level 3: Instructional Practices <br> Level 4: Practicum in Education |
| Culinary Arts | Level 1: Introduction to Culinary Arts <br> Level 2: Culinary Arts <br> Level 3: Advanced Culinary Arts <br> Level 4: Practicum in Culinary Arts |
| Cosmetology | Level 1: Introduction to Cosmetology <br> Level 2: Cosmetology I or I w/Lab <br> Level 3: Cosmetology II or II w/Lab <br> Level 4: Practicum in Human Services |
| Healthcare Diagnostics | Level 1: Principles of Health Science <br> Level 2: Medical Terminology <br> Level 3: Anatomy \& Physiology and/or Practicum in Health <br> Science I (Phlebotomy) <br> Level 4: Practicum in Health Science II <br> and Anatomy \& Physiology (if not previously taken) |
|  | Len |


|  | Level 1: Principles of Health Science <br> Emergency Medical <br> Technician 2: Medical Terminology <br> Level 3: Anatomy and Physiology (Practicum in Health Science <br> (Phlebotomy) recommended) <br> Level 4: Emergency Medical Technician -Basic Practicum and <br> Anatomy \& Physiology (if not previously taken) |
| :---: | :--- |


| *Science, Technology, Engineering, and Mathematics (STEM)* |  |
| :---: | :--- |
| Sequence | Required Courses |
| Science | Level 1: Biology <br> Level 2: Chemistry AND Physics <br> Level 3: Advanced Science Course <br> Level 4: Advanced Science Course |
| Math | Level 1: Algebra I AND Geometry <br> Level 2: Algebra II <br> Level 3: Advanced Math Course <br> Level 4: Advanced Math Course <br> *Chemistry AND Physics must also be taken for STEM Math endorsement. |
| Engineering | Level 1- Engineering Essentials <br> Level 2- Engineering Design and Development <br> Level 3- Engineering Science <br> Level 4- Engineering Design and Problem-Solving |

## *Arts and Humanities*

| Sequence | Required Courses |
| :---: | :--- |
| Fine Arts | Level 1: Art, Theater, or Band I <br> Level 2: Art, Theater, or Band II <br> Level 3: Art, Theater, or Band III <br> Level 4: Art, Theater, or Band IV |
| Social Studies | Level 1: World Geography <br> Level 2: World History or College History <br> Level 3: US History <br> Level 4: Government \& Economics |

## *Multidisciplinary Studies*

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

## Certifications

| CTE Endorsement | Certification earned | Class to earn certification |
| :--- | :--- | :--- |
| Animal Science | Certified Vet Assistant | Livestock Prod/Adv Animal Sci |
|  | OSHA 30 Hour General Industry | Principles of Ag |
| Applied Agricultural Engineering | NCCER Core Curriculum | Ag Mechanics |
|  | NCCER Welding 1 | Ag Power/Ag Fab |
|  | OSHA 30 Hour General Industry | Principles of Ag |
| Digital Communication | Adobe Certified Associate <br> (ACA)-After Effects | A/V Tech and Communication II <br> or Practicum of A/V Tech |
| Plant Science | TX State Floral Assoc. Basic <br> Skills | Floral Design |
|  | TX State Floral Assoc. Level 1 | Floral Design/Practicum |
|  | OSHA 30 Hour General Industry | Principles of Ag |
| Plumbing and Pipefitting | Tradesman Plumber - <br> Limited License | Practicum in Construction <br> Technology |
| Design \& Multimedia | Adobe Certified <br> Assoc.-Photoshop | Graphic Design 2 or Practicum <br> in Graphic Design |
|  | Adobe Certified Assoc.-Illustrator | Graphic Des 2 or Practicum in <br> Graphic Design |
| Accounting \& Financial Services | Intuit QuickBooks Certified User | Accounting 1 or Accounting 2 |


| Teaching and Training | Educational Aide 1 | Practicum in Education and <br> Training |
| :--- | :--- | :--- |
| Culinary Arts | Certified Fundamentals Cook | Culinary Arts or Advanced <br> Culinary Arts |
|  | ServSafe Manager | Advanced Culinary Arts or <br> 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 <br> - 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

## Recommended Enrollment 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.

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

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.)

## 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:

| Core Component Area | College <br> Course <br> Number | College Course Name | High School Course | HS Credit |
| :---: | :---: | :---: | :---: | :---: |
| Communications (6 semester hours) | $\begin{aligned} & \text { ENGL } 1301 \\ & \& \\ & \text { ENGL } 1302 \end{aligned}$ | 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) | BIOL1406 <br> BIOL 1407 <br> OR <br> BIOL 1408 <br> BIOL 1409 | Biology for Science Majors I Biology for Science Majors II <br> Biology for Non-Science Majors I Biology for Non-Science Majors II | Scientific <br> Research and Design | 1 |
| Creative Arts (3 hours) | ARTS 1301 | Art Appreciation | Art 1 | 1/2 |
| Language/Philosophy/ Culture | HUMA 1301 SPAN 2311 | Introduction to Humanities Intermediate Spanish I | Humanities 1 Spanish 3 | $\begin{aligned} & 1 / 2 \\ & 1 \end{aligned}$ |


| (choose 1 course- 3 semester hours) | ENGL 2322 | British Literature I | English 4 | $1 / 2$ |
| :---: | :---: | :---: | :---: | :---: |
| 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) | $\begin{aligned} & \text { GOVT } 2305 \\ & \text { GOVT } 2306 \end{aligned}$ | US Government and Constitution Texas Government and Constitution | US Government Special Topics in Social Studies | $\begin{aligned} & 1 / 2 \\ & 1 / 2 \end{aligned}$ |
| Social/Behavioral Science (choose 1 course-3 semester hours) | $\begin{aligned} & \text { ECON } 2301 \\ & \text { PSYC } 2301 \\ & \text { SOCI } 1301 \end{aligned}$ | Principles of Macroeconomics General Psychology Introduction to Sociology | Economics Psychology Sociology | $\begin{array}{\|l} 1 / 2 \\ 1 / 2 \\ 1 / 2 \end{array}$ |
| Component Area Requirement (choose 2 courses) |  | **See below for other suggestions or visit <br> https://coursecatalog.tvcc.edu/degrees -certificates/academic-division/core-cur riculum/ |  |  |
| Other course offerings for High School credit: <br> **Speak with your counselor before taking additional courses not on the list** | BCIS 1305 <br> ARTS 1303 <br> SPCH 1315 <br> MATH 2312 <br> ENGL 2323 | Business Computer Applications Art History 1 <br> Public Speaking <br> Pre-Calculus Math <br> British Literature II | Bus. Information Mangt. <br> Art 1 (required for full art credit) Communication Application <br> Pre-Calculus <br> English 4 (required for full Eng. credit) | $\begin{aligned} & 1 \\ & 1 / 2 \\ & 1 / 2 \\ & 1 \\ & 1 \\ & 1 / 2 \end{aligned}$ |

Recommended Sequence: *courses are 3 semester course hours unless otherwise noted.
\(\left.$$
\begin{array}{|l|l|l|l|}\hline & \begin{array}{l}\text { Dual } \\
\text { Credit-Basic }\end{array} & \begin{array}{l}\text { Dual Credit-Core } \\
\text { (42 HOURS) }\end{array} & \begin{array}{l}\text { Dual } \\
\text { Credit-Associates } \\
\text { (60 HOURS) }\end{array} \\
\hline \text { 9th grade } & & & \begin{array}{l}\text { BCIS 1305 } \\
\text { ARTS 1301 \& } \\
\text { ARTS 1303\# }\end{array}
$$ <br>

EDUC/PSYC 1300\end{array}\right]\)| SOCI 1301\# |
| :--- |
| 10th grade |


|  |  | EDUC/PSYC 1300 |  |
| :---: | :---: | :---: | :---: |
| 11th grade |  <br> HIST 1302 <br> (TAMU-C <br> COURSE) <br>  <br> ENGL 1302 <br> (TAMU-C <br> COURSE) <br> MATH 1314 <br> (TAMU-C <br> COURSE) <br> MATH 2312 <br> (TAMU-C <br> COURSE) |  <br> HIST 1302 <br> (TAMU-C COURSE) <br>  <br> ENGL 1302 <br> (TAMU-C COURSE) <br>  <br> BIOL 1407 (4 hours) (FOR SCIENCE MAJORS) <br> OR <br>  <br> BIOL 1409 (4 hours) (FOR NON SCIENCE MAJORS) <br> MATH 1314 <br> (TAMU-C COURSE) <br> MATH 2312\# <br> (TAMU-C COURSE) |  <br> HIST 1302 <br> (TAMU-C COURSE) <br>  <br> ENGL 1302 <br> (TAMU-C COURSE) <br>  <br> BIOL 1407 (4 hours) (FOR <br> SCIENCE MAJORS) <br> OR <br>  <br> BIOL 1409 (4 hours) (FOR <br> NON SCIENCE MAJORS) <br> MATH 1314 <br> (TAMU-C COURSE) <br> MATH 2312\# <br> (TAMU-C COURSE) |
| 12th grade | SPCH 1315 <br> GOVT 2306 \& GOVT 2305 <br> ECON 2301 <br> MATH 1314 <br> (TAMU-C COURSE) MATH 2312 (TAMU-C COURSE) | MATH 1314 <br> (TAMU-C COURSE) <br> MATH 2312**\# <br> (TAMU-C COURSE) <br> GOVT 2305 <br> ECON 2301 <br>  <br> ENGL 2323** | MATH 1314 <br> (TAMU-C COURSE) <br> MATH 2312\# <br> (TAMU-C COURSE) <br> GOVT 2305 <br> ECON 2301 <br>  <br> 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 <br> \# COUNT TOWARDS <br> ELECTIVE HOURS |

## Other TVCC pathways:

For additional information about other pathways click here or https://coursecatalog.tvcc.edu/pathways/

| Pathway | Dual Credit Opportunity |
| :--- | :--- |
| Cybersecurity | ITNW 1358, ITNW 1325, ITSY 1300, ITSY 1342 |
| Cloud <br> Computing | ITNW 1308, ITSC 1316, BCIS 1305, ITNW 1309, ITNW 1336, ITSC <br> 1315, ISW 1307, COSC 1336, ITNW 2327, ITNW 2329 |


| Robotic <br> Technology | RBTC 1241, RBTC 1243, RBTC 1245, RBTC 1305, RBTC 2239 |
| :--- | :--- |
| Accounting | ACNT 1303, ACNT 1304, ACNT 1313, ITSW 1304, BCIS 1305, <br> PSYC 1300, BUSG 1301, POFT 1301, ENGL 2322, ECON 2301, MATH <br> 1332, ENGL 1301 |
| Business <br> Management | BCIS 1305, BUSG 1301, POFI 2301, ITSW 1304, POFT 2312, BUSG <br> 2309, PSYC 1300, ACNT 1303, ACNT 1311, MATH 1332, POFT 1301, <br> ECON 2301, ENGL 2322, ENGL 1301 |
| Law <br> Enforcement | CJSA 1322, CJSA 1312, CJCR 1307, CJSA 1348, CJSA 1342, CJSA <br> 1327, ENGL 1301, PSYC 1300, CJSA 1317, CJSA 1313, MATH 1332, <br> 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 <br> OR <br> Less than 950 PLUS a diagnostic $=6$ |
| :--- | :--- |
| English Language <br> Arts | Greater than or equal to 945 AND essay greater than or equal to 5 <br> OR <br> Less than 945 AND essay greater than or equal to 5 AND <br> diagnostic greater than or equal to 5. |

To learn more about the TSIA2 click here 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: <br> https://drive.google.com/file/d/1vjrmg2O4NdCfCtFtl-JSxzefto9rKsyd/view <br> 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.

READING I-II

## Service ID:

03270700
03270800
Grade Level: 9-10
Prerequisite(s): None
Credit: 1 Elective credit
Reading I-II offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas. These courses are designed to help struggling students be successful on their English STAAR EOC's.

## COLLEGE ENGLISH PREP <br> Service ID: CP110100

Grade Level: 11-12
Prerequisite- None
Credit: 1 Elective credit
Through an online course, students will learn to investigate academic texts, construct supported interpretations and arguments for an authentic audience, and acquire academic habits of thought. Reading instruction will focus on developing critical reading skills for comprehension, interpretation, and analysis. In writing, students will develop skills through composing with specific purpose, situation, genre, and audience in mind. Students will write a variety of effective formal and informal texts. To learn to integrate reading and writing, students will use an inquiry approach to analyze, synthesize, and make value judgments regarding text and writing. This course is designed to prepare students for college-level reading and writing intensive courses. Successful completion of this course, as defined by the memorandum of understanding (MOU) with the partnering institution(s), grants the student an exemption to TSI requirements for reading and writing at the partnering institution(s).

## MATHEMATICS

ALGEBRA I<br>Service ID: 03100500<br>Grade Level: 9<br>Prerequisite(s): None<br>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.

## COLLEGE MATH PREP

## Service ID: CP111200

Grade Level: 12
Prerequisite(s): Algebra II
Credit: 1 Mathematics credit
Through an online course, College Math Prep is a course designed to prepare students for college math. Students in this course will continue to build on their Algebra II knowledge as they study factoring rules, rational expressions, rational exponents, radicals, complex numbers, inequalities, inequalities containing absolute values, quadratic equations, linear equations, and equations with radicals, rational expressions, exponents, and functions. An average of $C$ or better indicates student readiness for a college math course.

## 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 GEOGRAPHY STUDIES

## Service ID: 03320100

Grade Level: 9
Prerequisite(s): None
Credit: 1 Social Studies credit

World Geography Studies is a course designed around the general study of the nature of physical and cultural geography and the interactions of humans to their physical environments in major regions and settings. Students will learn about physical, political, and cultural geographical concepts through basic geographical themes such as location, place, human-environment interaction, movement, and region.

## Honors WORLD GEOGRAPHY STUDIES

Grade Level: 9
Prerequisite(s): None, approval needed
Credit: 1 Social Studies credit
This course will address the same objectives as World Geography 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.

## 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 $17^{\text {th }}$ 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 GOVERNMENT

## Service ID: 03330100

Grade Level: 12
Prerequisite(s): None
Credit: $1 / 2$ 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.

## ECONOMICS

## Service ID: 03310300

Grade Level: 12
Prerequisite(s): None
Credit: $1 / 2$ Social Studies credit
Economics is designed to provide opportunities to study basic principles and theories of production, consumption and distribution of goods and services. This course includes a study of other economics systems.

## PERSONAL FINANCIAL LITERACY <br> Service ID: 03380082

Grade Level: 10-12
Prerequisite(s): None
Credit: $1 / 2$ Social Studies credit
Personal Financial Literacy is a course designed to help students obtain the knowledge and skills needed to make responsible and informed financial decisions. Students will learn how the economy is impacted by citizens who are and who are not financially responsible.

## 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 <br> *Fall semester of marching band counts as a $1 / 2$ credit of physical education.*

## FOUNDATIONS OF PERSONAL FITNESS (PE)

## Service ID: PES00052

Grade Level: 9-12
Prerequisite(s): None
Credit: $1 / 2$ 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 corner stone 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: $1 / 2$ 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<br>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 $1 / 2$ 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 theatre 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.

## THEATRE PRODUCTION I-IV

## Service ID:

03250700 (Theatre Production I)
03250800 (Theatre Production II)
03250900 (Theatre Production III)
03251000 (Theatre Production IV)
Grade Level: 9-12

Prerequisite(s): JH Theater or Theater Arts or concurrent enrollment in Theater Arts Credit: 1 Fine Arts credit (each level)

Theater Production is a culmination of all the different areas of theater. Students will work on all elements of actual theatrical production including lighting and sound design, costume creation, set design, and prop development. Students will also help with publicity for plays, including programs and hanging posters/flyers. Most of the work of this class will center on major and minor theatrical productions in the high school. Students will focus on acting, designing, and even some directing.

## 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 <br> 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 or FLORAL DESIGN w/LAB

## Service ID:

13001800 (1 credit)
13001810 (2 credits)
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.

## GREENHOUSE OPERATIONS \& PRODUCTION

## Service ID:

13002050 (1 credit)
13002060 (2 credits)
Grade Level 9-12
Prerequisite(s): Principles of Ag, Food, and Natural Resources
Credit: 1 Elective credit (2 Electives possible if taken w/lab)

Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices. Students will attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

## 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: <br> 13002350 (1 credit) <br> 13002360 (2 credits) <br> Grade Level: 11-12 <br> Prerequisite(s): Ag Mechanics and Metal Technologies <br> 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)
13002410 (3 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 <br> Service ID: <br> 13002500 (2 credits) <br> 13002505 (3 credits)

## 13002510 (2 credits) <br> 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.

## 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 or Plumbing Technology I
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 <br> 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: <br> 13008500 ( 1 credit) <br> 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: <br> 13008600 (1 credit) <br> 13008610 (2 credits) <br> Grade Level: 10-12 <br> Prerequisite: Audio and Video Production I <br> 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.

## 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-DIGITAL ARTS

## DIGITAL MEDIA

## Service ID: 13027800 (1 credit)

Grade Level: 9-12
Prerequisite(s): None
Credit: 1 Elective credit
In this course, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will learn the basics of graphic design and animation, including Color Theory, photo editing, digital publishing, and stop motion animation. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment.

## GRAPHIC DESIGN AND ILLUSTRATION I or GRAPHIC DESIGN AND ILLUSTRATION w/LAB <br> Service ID: 13008800 (1 credit) <br> Service ID: 13008810 ( 2 credits)

Grade Level: 10-12
Prerequisite(s): Digital Media
Credit: 1 or 2 Elective credits
This course allows students to explore careers in graphic design and illustration, which span all aspects of the advertising and visual communications industries. Within this context, students will develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

[^0]This course is a continuation of Graphic Design and Illustration I. Students will develop advanced skills in visual design concepts, color theory, drawing, typography, print production, advertising, corporate design, publications design, packaging design, website design and photography.

## PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION

## Service ID:

13009000 (2 credits)
13009005 (3 credits)
13009010 (2 credits)
13009015 (3 credits)
Grade Level: 12
Prerequisite(s): Graphic Design II
Credit: 2 or 3 Elective credits
In this course, students develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career prep opportunities.

## 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.

## ACCOUNTING I

## Service ID: 13016600

Grade Level: 10-12
Prerequisite(s): Principles of Business, Marketing, and Finance
Credit: 1 Elective credit
In Accounting I, students will investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information, as well as formulate and interpret financial information for use in management decision making.

## ACCOUNTING II

## Service ID: 13016700

Grade Level: 11-12
Prerequisite(s): Accounting I
Credit: 1 Elective or Mathematics credit
In Accounting II, students will continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in various managerial, financial, and operational accounting activities. Students will formulate, interpret, and communicate financial information for use in management decision making. Additionally, students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.

## 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 <br> 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 <br> Service ID: <br> Cos I- 13025200 (2 credits) <br> Cos Lab I- 13025210 ( 3 credit) <br> Grade Level: 10-12 <br> Prerequisite(s): Intro to Cosmetology <br> 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 <br> Service ID: <br> 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: <br> 13025000 (First Time Taken) <br> 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.

## HEALTH SCIENCE THEORY

## Service ID: 13020400 (1 credit)

Grade Level: 11-12
Prerequisite(s): Biology and Principles of Health Science
Credit: 1 Elective credit
Health Science Theory is a course designed to develop advanced knowledge and skills related to a wide variety of health careers. Students will learn how to reason, think critically, make decisions, solve problems, communicate effectively, and employ professional integrity while studying topics in CPR \& First Aid certification, safety guidelines, infection control, ethics/confidentiality/HIPAA, vital signs, disease prevention, nutrition/wellness, anatomy/physiology, medical terminology, pathology, occupationally specific skills, and employability skills/professionalism.

## 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

## Service ID: N1303015 (2 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.

## ENGINEERING

## Engineering Essentials

Service ID: N1303760
Grade Level: 9-10
Credit: 1 Elective credit
The purpose of the Engineering Essentials (EES) course is to provide a multidisciplinary approach to teaching and learning foundational concepts of engineering practice, providing students opportunities to explore the breadth of engineering career opportunities and experiences, and solve engaging and challenging real-world problems. Goals and outcomes for students include developing a strategic, systematic design and inquiry processes to guide development of an effective solution to a problem. In EES, students discover that successful STEM professionals exhibit personal and professional characteristics that lend themselves to the creative, collaborative, and solution-driven nature of their professions. Students investigate engineering career fields and determine the technical literacy and career-specific knowledge and skills to support professional practice. They incorporate computational thinking, modeling, systems thinking, professional practices and communication, project management, collaboration, professionalism, and ethics as critical parts of a problem-solving process that supports the ability to interpret complex, open-ended problems across disciplines.

## 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 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.

## PRINCIPLES OF INFORMATION TECHNOLOGY (TECH SQUAD 1) Service ID: 13027200 ( 1 credit)

Grade Level: 9-10
Prerequisite: None
Credit: 1 Elective credit
In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

## COMPUTER MAINTENANCE or COMPUTER MAINTENANCE W/LAB (Tech Squad 2) Service ID: <br> 13027300 (1 credit) <br> 13027310 (2 credits)

Grade Level: 9-10
Prerequisite: Principles of Information Technology
Credit: 1 or 2 Elective Credits

In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies.

## SPECIAL COURSE OFFERINGS

## COMMUNICATION APPLICATIONS

## Service ID: 03241400

Grade Level: 9-12
Prerequisite(s): None
Credit: $1 / 2$ Speech credit
Students will learn the concepts and skills required for successful communication in the workplace, interpersonal relations, debate and persuasion. Students will demonstrate these skills in class interactions and in a variety of classroom presentations.

## 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.

## PSYCHOLOGY

Service ID: 03350100
Grade Level: 10-12
Prerequisite(s): Principles of Human Services
Credit: $1 / 2$ Social Studies credit
This course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human
development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

## INTERPERSONAL STUDIES

## Service ID: 13024400

Grade Level: 10-12
Prerequisite(s): Principles of Human Services
Credit: $1 / 2$ 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.

## 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.


[^0]:    GRAPHIC DESIGN AND ILLUSTRATION II or GRAPHIC DESIGN AND ILLUSTRATION II w/LAB
    Service ID:
    13008900 (1 credit)
    13008910 (2 credits)
    Grade Level: 11-12
    Prerequisite(s): Graphic Design \& Illustration I
    Credit: 1 Elective credit (or 2 Elective credits if taken w/lab)

