JISD

JUDSON INDEPENDENT SCHOOL DISTRICT

HIGH SCHOOL COURSE CATALOG 24-25

JUDSON INDEPENDENT SCHOOL DISTRICT

Vision

Judson ISD is Producing Excellence!

Mission

All Judson ISD students will receive a quality education enabling them to become successful in a global society

Judson ISD Values

- Students First
- Teamwork
- Accountability
- Results-Oriented
- Loyalty
- Integrity & Mutual Respect
- Safe & Secure Environment
- Two-way Communication

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A special thank you to Judson High School for the design of the front cover and to all the individuals who contributed and provided feedback on the course catalog: Professional School Counselors, Curriculum Coordinators, Department of Career and Technology, Fine Arts, Curriculum & Instruction, and Student and Family Support Services.

Introduction

The Judson Independent School District Course Catalog lists courses that our high schools generally have available to students. **It should be noted, that not all the courses listed are scheduled every school year.** Since it is not economically feasible to schedule classes in which only a few students enroll, the class may not be offered for the current year. Sufficient numbers of student requests for specific courses then become the determining factor as to whether or not a course is scheduled.

The *Course Catalog* provides a Table of Contents to assist in locating specific areas of information. The first section of the guide contains general information. The second section provides the specific description of courses by department and/or subject area. Descriptions, prerequisites, grade levels, and credits are listed for each course. The last section lists career education courses and information.

The Course Catalog is also available online. www.judsonisd.org

Items in the catalog are subject to change.

Table of Contents

Judson Independent School District

Driven by Excellence

HIGH SCHOOLS

Judson High School
9142 FM 78
Converse, Texas 78109
210-945-1100

Karen Wagner High School
3000 N. Foster Road
San Antonio, Texas 78244
210-662-5000

Veterans Memorial High School
7618 Evans Road
San Antonio, Texas 78266
210-619-0220

SPECIALTY SCHOOLS

Judson Early College Academy (JECA)
8230 Palisades Drive
Live Oak, Texas 78148
210-619-0200

Judson Learning Academy
5441 Old Seguin Road
Kirby, Texas 78219
210-662-2411

JUDSON INDEPENDENT SCHOOL DISTRICT

Student & Family Support Services

Thank you for taking the time to review the 2024-2025 School Year JISD Course Catalog. High School students will be following a traditional seven-period schedule.

The Judson ISD High School Course Catalog has been designed to provide our students and parents with helpful information regarding the courses offered in Judson ISD. In order to make appropriate course selections for the 2024-2025 school year it is extremely important that you and your student become familiar with the course catalog.

The Professional School Counselors (PSCs) of the Judson ISD Guidance and Counseling Department understand your student's abilities and interests and will offer guidance and suggestions based on those abilities. It is imperative that your student make individual choices for his/her schedule. In order to prepare for this selection process students have taken career interest inventories and have explored colleges and careers. Please refer to this catalog to answer any questions about courses your child is interested in taking. Judson ISD intends to offer every course described in this course catalog; however, staffing, class sizes, and funding will determine course availability.

After the registration window closes, course request changes may be made for extenuating circumstances. Changes made after the opening of the school year will be made for "leveling" class sizes, for administrative purposes, or for correcting errors and in accordance with the schedule change process in the course planning guide. Please make selections carefully.

It is Judson ISD's intent that your student has appropriate opportunities to select courses and makes the best possible choices. If you have any questions regarding particular courses and/or the course selection process, graduation requirements, or scheduling, please call your student's counselor.

We look forward to working with you and your student in preparing for a successful upcoming school year. Thank you for choosing Judson ISD.

Sincerely,
Monica Garcia
Executive Director of Student and Family Support Services

General Information

GENERAL INFORMATION

Credit by Examination

In accordance with Board Policy EHDB (LEGAL), a student in any of grades 6–12 may be given credit for an academic subject in which he or she had some prior instruction if the student scores 70 percent or higher on a criterion referenced test approved by the Board for the applicable course.

If a Student Has Not Taken the Course

A student will be permitted to take an exam to earn credit for an academic course for which the student has had no prior instruction. The scheduled dates for the exams during the school year are included in the student handbook. A student will earn credit with a **passing score of at least 80%**. If a student plans to take an exam, the student (or parent) must register with the Counseling Office no later than 30 days prior to the testing date. The district may deny a request by a parent or student to administer a test on a date other than the published dates. If the district agrees to administer a test other than the one chosen by the district, the parent must purchase a test from a university approved by the State Board of Education. For further information, see EEJB (LOCAL). For more information, see the Judson ISD website at http://www.Judsonisd.org

English as a Second Language (ESL)

Judson ISD schools provide English as a Second Language (ESL) and sheltered instructional strategies to students identified as Emergent Bilingual (EB). Additionally, the high school language arts curriculum provides ESL support for English Language Learners who are recent immigrants (0-3 years in U.S. schools) through an English for Speakers of Other Languages (ESOL) class. The purpose of the ESL program is to enable EB students to be competent in the comprehension, speaking, reading and composition of the English language through the integrated use of second language methods.

Personal Graduation Plans (PGPs)

All students are required to complete a high school personal graduation plan (PGP) before they enter their 9th grade year which will include a four-year plan of study based on their selected endorsement/Program of Study. Texas Education Code 28.02121 states that the personal graduation plan "must include information concerning the benefits of choosing a high school personal graduation plan that includes the distinguished level of achievement under the foundation high school program and includes one or more endorsements to enable the student to achieve a class rank in the top 10 percent for students at the campus." The personal graduation plan is a working document that counselors will use to monitor student completion of graduation requirements.

Section 504 Services

Section 504 of the Rehabilitation Act of 1973 is a Civil Rights Act, which prohibits discrimination against individuals with a disability in any program receiving Federal financial assistance. In order to fulfill its obligation under Section 504, Judson ISD recognizes a responsibility to avoid discrimination in policies and practices regarding its students. No discrimination against any students solely due to his/her disability will knowingly be permitted in any of the programs and practices in the school system. The school district has specific responsibilities under Section 504 which include the responsibility to identify, evaluate and, if the student is determined to be eligible under Section 504, to afford access to necessary educational accommodations. For more information regarding Section 504, contact the campus counselor.

Special Education Services

Judson ISD provides a continuum of special education services for students with disabilities. Special education services are provided according to the student's Individualized Education Program (IEP) as per the recommendation of the Annual Review and Dismissal (ARD) Committee. For more information, please see the Judson ISD Special Education website at https://www.judsonisd.org/Page/16127

Commencement Exercises

A student may take part in high school graduation exercises if he/she has successfully completed all as determined by TEA and Judson ISD, including all required state examinations and required course credits. If a student fails to meet any graduation requirement (e.g. passing all state Exit Level assessments) by the date of the graduation, the student may not participate in graduation exercises that school year. He/she may participate in graduation exercises following their completion of all requirements.

NCAA

Student athletes will be required to file with the NCAA Clearinghouse to determine initial eligibility to participate in college athletics. Some Judson courses which count toward graduation are not accepted by the NCAA as core courses for college athletic eligibility. (www.ncaaclearinghouse.com)

Student Registration Process

Counselors will meet individually with their students to provide support and guidance in building a course schedule for the upcoming school year. At the conclusion of the registration process, master scheduling will be built whereby faculty and staff will be assigned based on student course choices from registration. Schedules should not be changed after courses have been selected and entered with the counselor. Judson ISD does understand that certain circumstances may require modification to the student's schedule.

Class Schedule Change Process

Students/Parents will receive a copy of the courses selected for upcoming school year. If a change is necessary, dates will be posted online for times where Judson ISD counselors will be available for course schedule modification. If dates are not conducive to meet with the counselor in person, schedule change requests may be submitted in writing, with a parent's signature, to the campus Counseling Office. Changes requested at the beginning of the school year will require students to submit a request in writing to the counselor. A personal conference with the student, parents, and the counselor is required before any requested class schedule changes will be made. Schedule changes for students with disabilities receiving special education services must be made through an ARD meeting or Amendment to the IEP. Counselors will contact the campus Special Education Department should a student receiving special education services request a schedule change.

Dropping A Course

When a student changes courses/teachers, it is the first teacher's responsibility to provide the new teacher with the student's average up to the date of transfer. The only exception is if the first course is not related to the student's second course (e.g. Biology to Spanish I)

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Graduation Requirements

Judson ISD Graduation Requirements

Foundation + Endorsement
English: 4 Credits *English 1, English 2, English 3, English 4*
Mathematics: 4 Credits *Algebra I, Algebra II, Geometry, One credit in any authorized advanced math class*
Science: 4 Credits *Biology, one credit in IPC, Chemistry or Physics; two credits in any advanced science course*
Social Studies: 3 Credits *World Geography or World History, U.S. History, ½ credit of Economics and ½ credit of Government*
Physical Education: 1 credit
Languages other than English: 2 Credits *Two Consecutive Credits from Spanish, ASL, Computer Science or (other approved substitution)*
Fine Arts: 1 Credit *Art, Band, Choir, Theatre Arts, and Dance*
Electives: 7 Credits
TOTAL: 26 Credits
Distinguished Achievement = Foundation + Endorsement + Algebra II
• A total of four credits in Math including one credit in Algebra II • A total of four credits in Science • Completion of curriculum requirements for at least one endorsement *A student must earn a Distinguished Achievement to be considered in the "Top 10%" of the class and qualify for automatic college admission*
Performance Acknowledgments
• For Outstanding Performance on one of the following: • Dual Credit Course • In bilingualism and literacy • On an AP test or IB exam • On the PSAT, the ACT-Plan, SAT or ACT • For earning a nationally or internationally recognized business or industry certification or license

COURSE SEQUENCE

9th Grade	10th Grade	11th Grade	12th Grade
English 4 Credits			
English 1	English II	English III	English IV English IV Dual Credit AP English IV AP English Literature and Composition Communication Applications Dual Credit College Preparatory ELA English IV IB
Math	**Foundations - 3 Credits**		**Foundations with Endorsement – 4 Credits**
Algebra 1	Geometry	Algebra II	Precalculus Algebra II Mathematical Models with Applications Algebraic Reasoning Advanced Quantitative Reasoning Study in Math: Dual Credit College Algebra Preparatory Math Discrete Mathematics for Problem Solving Statistics Statistics Dual Credit AP Precalculus AP Calculus AB AP Calculus BC AP Computer Science AP Statistics
Science	**Foundations – 3 Credits**		**Foundations with Endorsement – 4 Credits**
IPC	Biology	Chemistry or Physics	Chemistry Physics Astronomy Aquatic Science Environmental Systems Anatomy and Physiology Anatomy and Physiology Honors Food Science Forensics Advanced Animal Science Medical Microbiology Pathophysiology AP Biology AP Chemistry AP Physics AP Physics II AP Environmental Science
Social Studies	**Foundations – 3 Credits**		**Foundations with Endorsement – 4 Credits**
World Geography	World History	U.S. History AP US History	Government and Economics AP Government and Economics

Physical Education – 1 Credit			
PE or ROTC 1 Dance Band Athletics Cheerleading 1			
Languages Other Than English - 2 Credits			
Two Credits in the same language OR Two credits from Computer Science I, II, III (Other Substitutions include) • Special Topics in Language and Culture • World History • World Geography **For Special Circumstances Only WILL NOT SATISFY ARTS AND HUMANITIES ENDRSEMENT**			
Fine Arts - 1 Credit			
Band Dance Art Choir Mariachi Orchestra			
Electives Foundations – 5 Credits Foundations with Endorsement – 7 Credits			

Academic Achievement

Academic Achievement

Promotion/Retention (Grades 9-12)

Grade-level advancement for students in grades 9-12 shall be based by course credits with a passing grade of 70%) and attendance rate (see below). Any required course failed/denied credit during the school year should be retaken through summer school, night school, correspondence or credit-by-exam. Changes in grade level classification shall be made at the beginning of the fall term and at the end of the fall term. Any student who does not meet the requirements for promotion at the beginning of the school year will be reclassified to the previous grade. Current classification requirements are subject to revision. Please see JISD Grading Handbook for more information.

Attendance Rate and Absences

Students must be in attendance for at least 90 percent of the days that school is in session to receive credit for the class. If students do not meet this requirement, only an official attendance committee can consider grade level advancement or credit reinstatement. (EI Legal)

Courses of Study/Advancement

Judson ISD follows the Texas Essential Knowledge and Skills (TEKS) approved by the State Board of Education. Students are required to demonstrate the knowledge and skills necessary to read, write, compute, problem solve, think critically, apply technology, and communicate across all subject areas.

Rank in Class and Weighting Grade Policy (Grades 9-12)

Beginning with the ninth-grade students in the 2014-2015 school year, "quality points" shall be added as follows:

Course Level/Rigor	Weight
AP	1.2
Honors/Dual Credit	1.1
Regular	1.0

Class Rank / Highest-Ranking Student (Secondary Grade Levels Only) Grade point average and class ranking will be calculated during the following:

● At the end of student's 9th grade year and will be distributed to students in the beginning of their Sophomore year.

● At the end of the student's 10th grade year and distributed in the beginning of the student's Junior year.

● At the end of the student's 11th grade year and distributed in the beginning of the Senior year.

● Final GPA and Class Rank will be calculated during the student's senior year at the end of the first semester. All students within the top 10% of their class are eligible for consideration for automatic admission to Texas public universities (automatic admission requirement may vary at the discretion of the University, see your College Readiness counselor for more information) provided all application procedures are followed. Please See EIC Local for Class Rank Information.

Rank points shall be determined by multiplying each term grade of a ranked course by rank factor, which recognizes differences in levels of difficulty between AP, dual credit, honors, and regular coursework. The weighted grade average (WGA) determines the rank in class. The student earning the highest WGA shall be ranked No. 1 and all other students shall take the following positions in increasing numeric order.

HONOR GRADUATES

Graduates are recognized by their cumulative grade average as follows:

Summa Cum Laude	98 and Above
Magna Cum Laude	95-97.99
Cum Laude	90-94.99

Report Card/Progress Reports

At the end of the first three weeks of a grading period, students will be provided with a progress report. Report cards will be issued at the end of each nine-week grading period. Parents should refer to the school calendar for the dates of each nine-week grading period. Additionally, parents are encouraged to utilize PARENT CENTER to monitor student grades and attendance. Refer to the Judson website at www.judsonisd.org and look under the parent information tab for more details.

GRADING SYSTEM

90% - 100% = A

80% - 89% = B

70% - 79% = C

69% AND BELOW = F

Credit is not awarded for grades 69% and below

STATE ASSESSMENTS STAAR

STAAR stands for State of Texas Assessments of Academic Readiness, which is the state's student testing program. The STAAR assessments are based on the states curriculum standards - the Texas Essential Knowledge and Skills (TEKS). In grades 3 through high school graduation, students will be tested in the core subject areas of reading/language arts, mathematics, science, and social studies. These assessments are offered online.

What is the purpose behind STAAR or the standardized testing of my child?

STAAR tests show whether a student has mastered specific knowledge of a core subject at a certain grade level. Test results should provide parents assurance that their child is prepared to enter the next grade level within their school district or any Texas district. Finally, the results provide educators and administrators with uniform information about where to focus resources, especially in the core subjects being taught.

What are the five tests required for high school?

In order to graduate from a Texas public high school, students must pass five end-of-course tests: English I, English II, Algebra I, Biology, and US History

Will students who receive special education services take the STAAR?

The admission, review, and dismissal committee for a student who receives special education services will determine the appropriate test. Students taking STAAR may be eligible for designated supports to assist with accessibility to the test. An alternative test, STAAR Alternate 2, will be available for students with the most significant cognitive difficulties.

How will student performance be reported?

After taking a STAAR exam, results will be reported based on one of four performance levels and can be accessed from www.texasassessment.com or through your Skyward Family Access Portal.

- *Masters Grade Level-* Students in this category demonstrate the ability to think critically and apply the assessed knowledge and skills in varied contexts, both familiar and unfamiliar.
- *Meets Grade Level- S*tudents in this category generally demonstrate the ability to think critically and apply the assessed knowledge and skills in familiar contexts.
- *Approaches Grade Level- S*tudents in this category generally demonstrate the ability to apply the assessed knowledge and skills in familiar contexts.
- *Did Not Meet Grade Level-* Students in this category do not demonstrate a sufficient understanding of the assessed knowledge and skills.

HB4545 – Accelerated Instruction

House Bill 4545 requires accelerated instruction for any student who did not pass STAAR grades 3, 4, 5, 6, 7, 8 or EOC assessments. Students will receive at least 30 hours of supplemental instruction per subject. Students who are absent or otherwise do not have valid assessments are required to receive accelerated instruction.

First Time EOC Testers and EOC Retesters

Accelerated instruction includes first time testers as well as retesters. Specifically, TEC, §28.0217 states: "Each time a student fails to perform satisfactorily" accelerated instruction is required.

Where can I find more information about HB4545 – Accelerated Instruction?

https://tea.texas.gov/texas-schools/health-safety-discipline/covid/support-to-help-ensure-your-child-is-on-track-this-school-year

Where can I find more information about STAAR?

The latest information about STAAR can be found on the Texas Education Agency website at: https://tea.texas.gov/student-assessment

Advanced Academics

ADVANCED ACADEMICS

Honors Courses - Previously Pre-Advanced Placement

Honors courses are offered in most content areas that lead to one or more AP courses. Honors courses prepare students for the rigor of AP courses and develop content-specific skills students will need for success in their AP courses and beyond. They can also explore advanced topics and concepts.

EARNING COLLEGE CREDIT IN HIGH SCHOOL

Dual Credit

The high schools in Judson ISD partner with several colleges and universities to offer dual credit or dual enrollment classes that allow students to earn college and high school credit in the same course. Students must meet all admissions test requirements and submit applications through College or Career Counselor to the partnering college or university to enroll in these courses. Students must qualify and complete the enrollment process for these courses well in advance. The deadline for courses that begin in the fall is typically mid-April. The deadline for courses that begin in the spring is typically mid-November. Students who are interested in dual credit courses should contact their Counselor and the College or Career Counselor at their home campus for information about the courses available and the application process.

The courses that are available vary from campus to campus. The courses listed below may be offered as dual credit classes (subject to change). This list does not include CATE dual credit courses.

Dual Credit Courses Offered at JISD	
Art Appreciation	**Physics I**
Biology	**Physics II**
College Algebra	**Psychology**
Drama	**Public Speaking**
Economics	**Sociology**
English III	**Texas Government**
English IV	**US Government**
Music Appreciation	**US History**

Core Complete

All undergraduate students in Texas public higher education institutions have a 42 semester credit hour core curriculum designed by the Texas Higher Education Coordinating Board, with a purpose of ensuring all Texas undergraduate students develop essential knowledge and skills needed for success in their college studies, career endeavors, community involvement, and personal life. Judson ISD students can earn 42 term credit hours in High School.

Advanced Placement

Each high school in Judson ISD offers a variety of Advanced Placement courses that allow students to earn college credit based on the College Board AP exams. Over 12,800 public colleges and universities and over 9,900 private colleges and universities have policies to award credit for AP exam scores. 23 states, including Texas, have credit policies that require public universities to award credit for AP. In Texas, public colleges and universities may not require a score higher than 3 for a student to be awarded college credit for their AP exam (HB 1992).

The courses listed below may be offered as AP classes.

Advanced Placement Courses Offered at JISD	
AP Spanish Language and Culture	AP Spanish Literature and Culture
AP Macroeconomics	AP US Government and Politics
AP Psychology	AP Studio Art: 2-D Design Portfolio
AP Studio Art: 3-D Design Portfolio	AP Studio Art: Drawing Portfolio
AP Art History	AP Physics I
AP Chemistry	AP Music Theory
AP Human Geography	AP European History
AP Calculus BC	AP Statistics
AP Computer Science Principles	AP Computer Science
AP Physics II	AP Environmental Science
AP English Language and Composition	AP English Literature and Composition
AP Biology	AP US History
AP Calculus AB	AP World History: Modern
AP Precalculus	AP African American History

College Readiness Testing Information

PSAT

The PSAT is given in October to sophomores and juniors. This is a preliminary test for the SAT college entrance exam and for juniors it is the qualifying exam for the National Merit Scholarship Contest. Many scholarships or college applications will ask for junior year PSAT scores. This test covers Evidence- Based Reading and Writing and Mathematics. It is a valuable predictor for success in higher level courses, such as AP, future SAT scores, and success in college.https://collegereadiness.collegeboard.org/psat-nmsqt-psat-10

SAT

SAT is one of two college entrance exams required by most colleges and universities. The SAT measures Evidence-Based Reading and Writing, and Mathematics needed to succeed in college-level work. The SAT is currently provided to all juniors during the school day in March. Seniors are given the SAT during the school day in October. There is no charge for the SAT taken during the school day. The SAT is also given on Saturdays several times a year. Pre-registration for Saturday testing is required about six weeks in advance and test fees apply. Fee waivers may be available for students who qualify. https://collegereadiness.collegeboard.org/sat

ACT

The ACT is one of two college entrance exams required by most colleges and universities. ACT test skills in English, Math, Science, and Reading. ACT is given free to all students during the fall semester of their senior year. Also, ACT exams are given on several Saturdays throughout the year. Pre- registration is required about six weeks in advance and test fees apply. Fee waivers maybe available for students who qualify. https://www.act.org/

Advanced Placement (AP)

The College Board AP exams are given once a year in May. Each three-hour exam covers college level content for a specific course and is given during the school day. The tests consist of both multiple choice and free-response questions. Scores range from 1-5, with most colleges awarding credit for scores of 3 or higher. Judson ISD covers the cost of these exams for all students. https://apstudent.collegeboard.org/home

Texas Success Initiative

The Texas Success Initiative Assessment is a state-legislated exam to determine student readiness for success in college. The TSI Assessment is required for dual credit and Early College High School classes. The TSI tests skills in Reading, Writing and Mathematics. Judson ISD provides the TSI Assessment to students that require the test for their academic program at no cost. http://www.collegeforalltexans.com/

College Transition Information

The "Keys to Success" begin with:

- Step 1: Scholarships
  - Apply early for scholarships. (Be aware of deadline dates and request letters ofrecommendation early)
  - Request official transcripts early
  - Notify High School Counselor of scholarship awards

- Step 2: Fill Out the FAFSA (**Free Application for Federal Student Aid), (all students should apply regardless of income)**
  - Register for a Personal Identification Number at https://studentaid.gov/fsa-id/create-account/launch
  - Complete the FAFSA online application each year beginning October 1 of your senior year at: https://studentaid.gov/h/apply-for-aid/fafsa
  - Link your FAFSA application with your IRS tax return (Tax forms from Prior 2 years will be used)
  - Electronically sign FAFSA application using your PIN number. *Do this as soon as possible, on or after Oct 1*

- Step 3: Review Your Student Aid Report (SAR)
  - Once you complete the FAFSA, the Department of Education will send you a SAR. This report summarizes the information you provided on your FAFSA and estimates your Expected Family Contribution (EFC).
  - If your EFC is lower than the college's cost of attendance, you will likely qualify for financial aid.

- Step 4: Compare Your Financial Aid Packages
  - Each school listed on your FAFSA will receive a copy of your SAR, use the information to prepare a financial aid package.
  - Your financial aid package, also known as your award letter, will list grants, scholarships, and work-study funds the school is allocating, along with your eligibility for federal student loans.
  - Follow up with Financial Aid Office regarding Student Aid Report (SAR)

- Step 5: Check for Award Letter
  - Log onto your school account to check for your financial aid award
  - Accept the award
  - Contact the financial aid office if additional information is requested

- Step 6: Student/Parent Loans
  - Make sure your financial aid award will cover all your college costs
  - See Financial Aid Administrator for loans

- Step 7: Money Management
  - Create a budget (based on actual income minus expenses)
  - Don't forget to budget for books (used or rented books are always more cost effective)
  - Stay away from credit cards and have knowledge of your credit.

Judson ISD 2024-2025
HIGH SCHOOL CHALLENGE AGREEMENT

Honors and Advanced Placement (AP) are for those students who possess a high interest in a particular content area and who desire academic challenge both inside and outside the classroom. Students who choose to enroll in advanced courses should:

- Be self-motivated and self-disciplined
- Be able to work independently
- Be willing to complete assignments outside of the classroom
- Be able to measure success and learning beyond a numerical grade
- Be able to follow the honor code as outlined in the JISD student handbook

Students and parents must agree that when a student enrolls in an Honors or AP course, he or she makes a commitment to that course. Schedule changes from an Honors or AP class to a regular class will follow the guidelines below:

1. **Students must remain in the Honors or AP course the first two weeks for a semester course or the first five weeks for a yearlong course.** This is an adequate amount of time for students to experience the pace and complexity of the course as well as to determine whether or not this is an appropriate placement for them.
2. **If a student is struggling during the initial period of instruction as outlined above and considering a schedule change, a parent/teacher conference must occur.**
3. **Parents, students, and teachers may initiate a schedule change into a regular class after the initial period of instruction.** *A request for change form must be completed and then submitted to the counselor or academic dean with teacher, parent, and student signatures.*
4. **If the student fails to earn the first 0.5 credit of an Honors or AP course, a schedule change to a regular class for the remainder of the course may be recommended.** A parent/teacher/counselor conference should take place to discuss possible impact of remaining in the course.

In an effort to provide continuous support throughout the year, parents, teachers and students are encouraged to maintain ongoing communication using email, phone calls and conferences. Teachers offer tutorial sessions before and after school. Students should make a concerted effort to attend the tutoring sessions.

AP exams are offered at no charge to students. It is the expectation that every student taking an AP course also sit for the corresponding AP exam.

To ensure placement in the desired Honors or AP courses, please sign and attach this form to the course selection sheet before the end of the registration period to indicate agreement with the statements above.

My Challenge Agreement courses: 1)_____ 2)_____

3)_____ 4)_____

_____ _____

Student Name (Print) Student ID#

_____

Student Signature:

_____ _____

Parent Name (Print) Parent Signature

Onboarding for Guardians

Getting Started

To complete this process, you will need to be invited by your Student or their Counselor with a "claim code" to associate a student to your account.

Visit http://app.schoolinks.com/claim-student as mentioned in the claim instructions sent by your student or their counselor.
You have two options for login:

Option 1:
This is your first time on SchooLinks

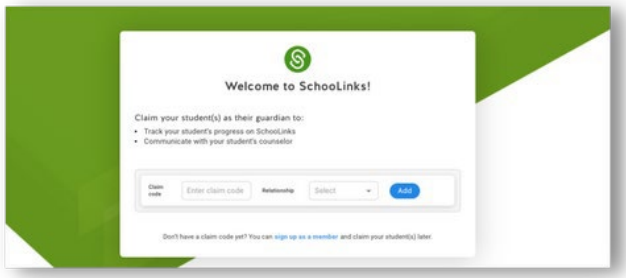
-OR-

Option 2:
You've already created an account and need to log in

Option 1: This is your first time on SchooLinks

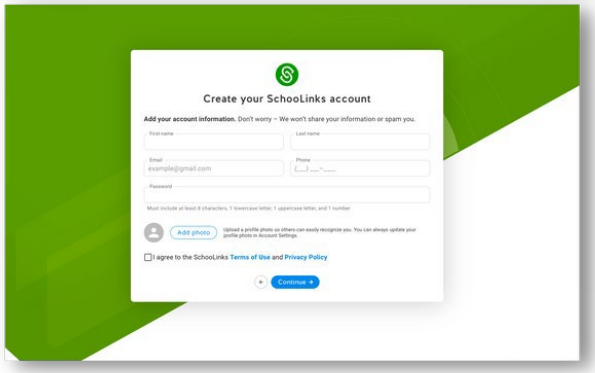
Click on Create a Guardian Account box. From here, enter the claim code and your relationship with the student.

Click Add, and then proceed to enter your information to create the account.



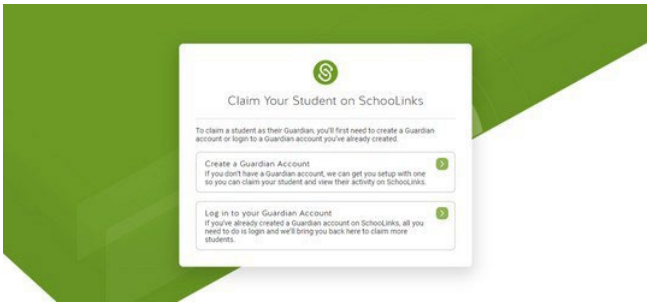
You can use Google or LinkedIn Single Sign-on, or create an account using a Phone or Email and Password.

Proceed to Claiming your Student



Option 2: You've already created an account

Click on Log in to your Guardian Account option if you haven't already.

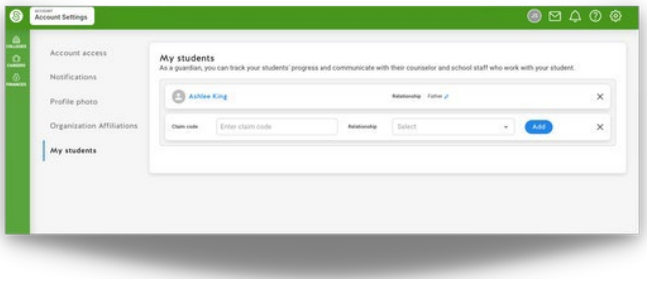


From Guardian & Members tab, you can use Single Sign-on or sign in using a Phone/Email & Password.

Proceed to Claiming your Student

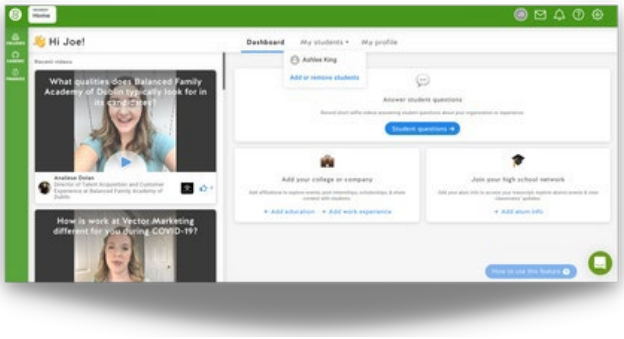
Claiming your Student

Once you're logged in or an account has been created, click on Account Settings in the upper right corner. Click on My Students. Enter the Claim Code and your relationship with the student. Then click Add.



It will now show that you've claimed your student! You can repeat the claim process to add another student or return to the dashboard if you are done claiming students for now.

On the dashboard you can also add additional students from the My Students drop-down.

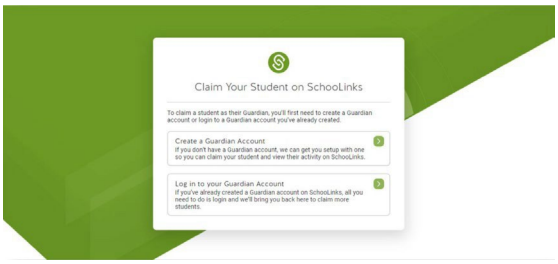


Incorporación de Tutores

Empezando

Para completar este proceso, deberá ser invitado por su estudiante o su consejero con un "código de reclamo" para asociar un estudiante a su cuenta.

Visite http://app.schoolinks.com/claim-student como se menciona en las instrucciones de reclamo enviadas por su estudiante o su consejero. Tienes dos opciones para iniciar sesión:



Opción 1:

Esta es su primera vez en SchooLinks.

-O-

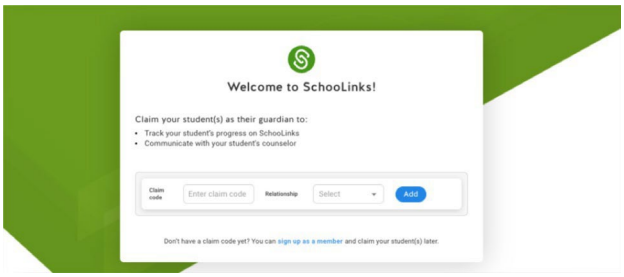
Opción 2:

Ya ha creado una cuenta y necesita iniciar sesión.

Opción 1: Esta es su primera vez en SchooLinks

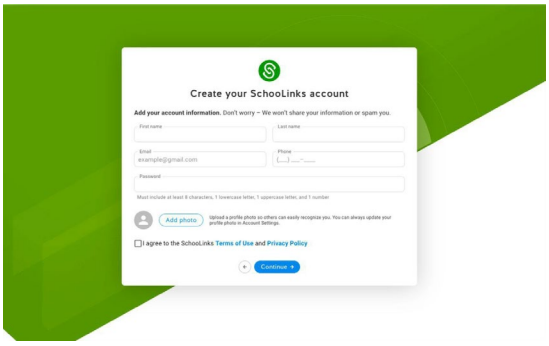
Haga clic en el cuadro Crear una cuenta de tutor. Desde aquí, ingrese el código de reclamo y su relación con el estudiante.

Haga clic en Agregar y luego proceda a ingresar su información para crear la cuenta.



Puede usar el inicio de sesión único de Google o LinkedIn, o crear una cuenta usando un teléfono o correo electrónico y contraseña.

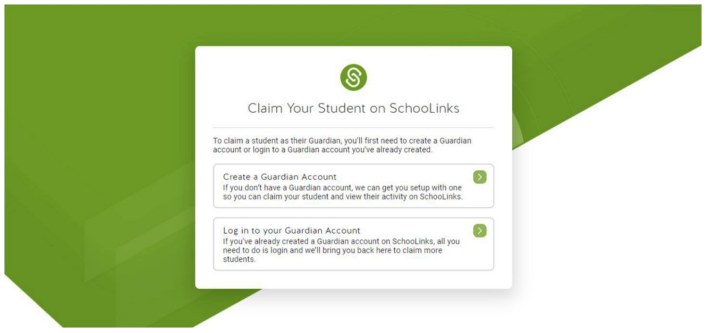
Proceda a reclamar a su estudiante.



Incorporación de Tutores

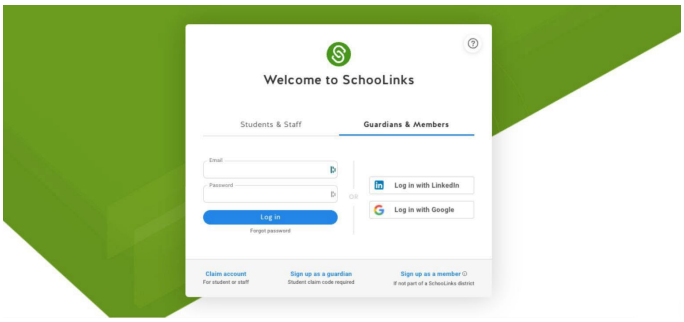
Opción 2: Ya ha creado una cuenta y necesita iniciar sesión.

Haga clic en la opción Iniciar sesión en su cuenta de Guardian si aún no lo ha hecho.



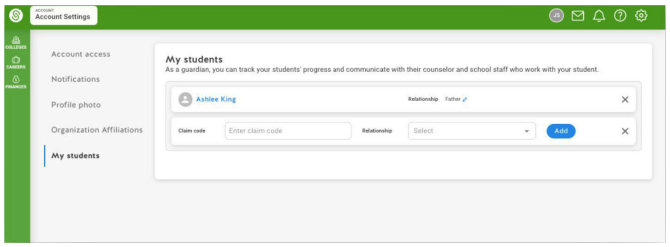
En la pestaña Tutor y miembros, puede usar el inicio de sesión único o iniciar sesión con un teléfono/correo electrónico y contraseña.

Proceda a reclamar a su estudiante

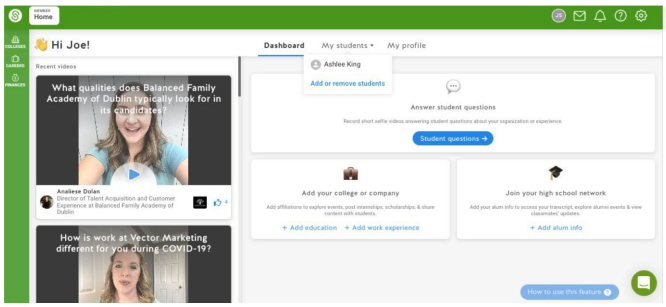


Reclamando a su Estudiante

Una vez que haya iniciado sesión o haya creado una cuenta, haga clic en Configuración de la cuenta en la esquina superior derecha. Haga clic en Mis estudiantes. Ingrese el Código de Reclamo y su relación con el estudiante. Luego haga clic en Agregar.



¡Ahora mostrará que ha reclamado a su estudiante! Puede repetir el proceso de reclamo para agregar otro estudiante o regresar al panel de control si terminó de reclamar estudiantes por ahora.



En el tablero, también puede agregar estudiantes adicionales desde el menú desplegable Mis estudiantes.

Course Descriptions

Course Descriptions

REGULAR LEVEL OF INSTRUCTION

A regular course indicates that the content is on grade level and the level of instruction meets the needs of college bound students. Advanced courses are those courses designated as honors and allow students to master advanced concepts above and beyond the regular curriculum.

ENGLISH LANGUAGE ARTS

English Language Arts and Reading courses include study in the areas of reading, writing, oral and written conventions, research, listening, speaking, and comprehension. The sequence of English courses taken is English I, English II, English III, and English IV. Since courses build on the previous year, it is recommended that students take no more than one core English course during the same year.

LANGUAGES OTHER THAN ENGLISH

Languages Other Than English (LOTE) courses offered in Judson ISD are Spanish, American Sign Language, and German. The Texas Essential Knowledge and Skills for Languages Other Than English (TEKS for LOTE) are the foundation of all Judson ISD LOTE curriculum. ***Please note**: if there are not enough students enrolled in the class these courses may not be offered.

SOCIAL STUDIES

Social Studies focuses on developing reflective, democratic citizenship within a global context. Disciplines typically classified as belonging to the social and behavioral sciences are history, geography, and content selected from law, philosophy, and the humanities. It also includes those courses that focus on social problems, issues, economics, and controversies. The social studies are both single-discipline and multi-discipline oriented depending upon the objectives being taught.

MATHEMATICS

The mathematics sequence of courses includes Algebra I, Geometry, Algebra II, Mathematical Models, Pre-Calculus, Calculus and Statistics. These courses offer a variety of mathematical topics for students to engage in and to develop an understanding of math concepts required for college and career readiness.

SCIENCE

The science program is designed for students to use their senses and instruments to acquire data. Student investigations emphasize accurate observations, collection of data, analysis and safe manipulation of laboratory apparatus and materials in the field and the laboratory. At least 40%of instructional time, involves field and laboratory investigations.

SPECIAL EDUCATION COURSES

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

HEALTH AND PHYSICAL EDUCATION

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

ENGLISH LANGUAGE ARTS

101R ENGLISH I **Scale Score of Range** **1694-2163** **03220100**	**Yearlong** **Grade 9** **Credit 1** **Weight 1.0**	Instruction is in the context of related reading, writing, speaking, language and reading. Care is taken to ensure a balance among components so that the student receives instruction in all areas.
101H ENGLISH 1 HONORS **Scale Score ranges from** **1694-2163** **03220100**	**Yearlong** **Grade 9** **Credit 1** **Weight 1.1**	Instruction in English I Honors within the context of related reading, writing, speaking and listening with appropriate skill development in composition, literature, language and reading. Care is taken to ensure a balance among components so that the student receives instruction in all areas.
102R ENGLISH II **03220200**	**Yearlong** **Grade 10** **Credit 1** **Weight 1.0**	Instruction in this course includes a balance of reading, writing, speaking, and listening with appropriate skill development in composition, literature, grammar and use.
102H ENGLISH II HONORS **03220200**	**Yearlong** **Grade 10** **Credit 1** **Weight 1.1**	Instruction in English II Honors includes a balance of reading, writing, speaking and listening with appropriate skill development in composition, literature, grammar and use.
103R ENGLISH III **03220300**	**Yearlong** **Grade 11** **Credit 1** **Weight 1**	Instruction includes a balance of reading, writing, speaking, and listening with appropriate skill development in composition, American literature, language usage and reading.
103A AP ENGLISH III **ENGLISH LANGUAGE AND COMPOSITION** **A3220200**	**Yearlong** **Grade 11** **Credit 1** **Weight 1.2**	AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style.
103D1 INDEPENDENT STUDY IN ENGLISH **COMPOSITION 1** **ENGL 1301** **(Fall Term)** **03221800** **103D ENGLISH III Dual Credit** **COMPOSITION 2** **ENGL 1302** **(Spring Term)** **03220300** **These are Paired Courses**	**Semester** **Grade 11** **Credit 1** **Weight 1.1** **College Credit:** **3 Hours** **Semester** **Grade 11** **Credit 1** **Weight 1.1** **College Credit:** **3 Hours**	The English 1301 (Fall Term) course focuses on the intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis is on effective rhetorical choices, including audience, purpose, arrangement, and style. ***Prerequisites: English I, English II, & TSI College Readiness Score in Reading & Writing*** The English 1302 (Spring Term) course focuses on the intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis is on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. ***Prerequisite: "C" or better in English 1301***

104R ENGLISH IV **03220400**	**Yearlong** **Grade 12** **Credit 1** **Weight 1.0**	Instruction in this course includes a balance of reading, writing, speaking, and listening with appropriate skill development in composition, language, and reading. Literature pieces are chosen for their thematic connections and for real world relevance.

104A AP ENGLISH LITERATURE AND COMPOSITION **A3220200**	**Yearlong** **Grade 12** **Credit 1** **Weight 1.2**	The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the way writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.
104D ENGLISH IV Dual Credit BRITISH LITERATURE I **ENGL 2322 (Fall Term)** **03220400**	**Semester** **Grade 12** **Credit 1** **Weight 1.1** **College Credit:** **3 Hours**	The British Literature I: English 2322 (Fall Term) course focuses on a survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. ***Prerequisites: "C" or better in English 1301 & English 1302***
104D2 INDEPENDENT STUDY BRITISH LITERATURE II **ENGL 2323 (Spring Term)** **03221810** **These are Paired Courses**	**Semester** **Grade 12** **Credit 1** **Weight 1.1** **College Credit:** **3 Hours**	The British Literature II: English 2323 (Spring Term) course is a survey of the development of British literature from the Romantic period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. *Prerequisite: "C" or better in English 2322.* ***Prerequisites: "C" or better in English 1301 & English 1302.***
171 ENGLISH I SOL (Speakers of Other Languages) **03200600**	**Yearlong** **Grade 9** **Credit 1** **Weight 1.0**	This course may be substituted for English I. This course is for immigrant students with limited English proficiency only. The course incorporates both second language acquisitions TEKS and ELA TEKS. ***Prerequisite: LPAC Approval***
172 ENLGLISH II SOL (Speakers of Other Languages) **03200700**	**Yearlong** **Grade 10** **Credit 1** **Weight 1.0**	This course may be substituted for English II for immigrant students with limited English proficiency only. The course incorporates both second language acquisition TEKS and ELA TEKS. ***Prerequisite: LPAC Approval***
694 NEWCOMERS' ENGLISH LANGUAGE DEVELOPMENT 1 (ELDA 1) **03200800**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Newcomers English Language Development 1 (ELDA): This course is offered during the student's first term and designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. These students are newcomers less than 12 months in U.S. schools and have scored at the negligible/very limited CALP level of the state approved English oral language proficiency tests. This course will be issued as an elective credit during a time frame of the student's first term.

695 NEWCOMERS' ENGLISH LANGUAGE DEVELOPMENT 2 (ELDA 2) **03200810**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Newcomers English Language Development (ELDA 2) The second section of the course is designed to provide English language development for immigrant students with little or no English proficiency. More rigorous than ELDA 1, this course prepares students for a smooth transition and success with the ESOL/ELPS, and ELA TEKS leading to the College & Career Readiness Standards. ***Prerequisite ELDA 1***

117R READING I **9th Grade** **03270800**	**Yearlong** **Grade 9** **Credit 1** **Weight 1.0**	Reading I offer students instruction in word recognition, comprehension strategies and vocabulary to ensure that they have an opportunity to read with confidence and understanding. Students are given opportunities to locate information in varied sources, to read critically, to evaluate sources, and to draw supportable conclusions. Students learn how various texts are organized and how authors choose language for effect. All these strategies are applied in tests that cross the subject fields. This course is **not to be substituted** for any of the four units of English required for graduation. ***Prerequisite Recommendation of Counselor or Reading Specialist***
118R READING II **03270800**	**Yearlong** **Grade 10** **Credit 1** **Weight 1.0**	Reading II offers students continued instruction in word recognition, comprehension strategies and vocabulary to ensure that they have an opportunity to read with confidence and understanding. Students are given opportunities to locate information in varied sources, to read critically, to evaluate sources, and to draw supportable conclusions. Students learn how various texts are organized and how authors choose language for effect. All these strategies are applied in tests that cross the subject fields. This course is **not to be substituted** for any of the four units of English required for graduation. ***Prerequisite Recommendation of Counselor or Reading Specialist***
119R READING III **03270900**	**Yearlong** **Grade 11** **Credit 1** **Weight 1.0**	Reading III a third-year course is designed for students who need literacy strategies/skills which is designed to ensure passing state standards as well as success beyond high school. Reading III helps those eleventh graders who have completed Reading I and Reading II and who still need additional help and support with reading. ***Prerequisite Recommendation of Counselor or Reading Specialist***
111 CREATIVE WRITING **03221200**	**Yearlong** **Grade 12** **Credit 1** **Weight 1.0**	This composition course requires high school students to write poetry, fiction, non-fiction and drama. They will demonstrate an understanding of the recursive nature of the writing process through reading, writing, studying and analyzing various literary forms and literary criticism. Students will develop their versatility as writers.
112 PRACTICAL WRITING **03221300**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, the reading comprehension of informational text, and the effective use of vocabulary. Evaluation of students' own writing as well as the writing of others ensure that students completing this course are able to analyze and evaluate their writing.

113 LITERARY GENRES **03221500**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	Students enrolled in Literary Genres will spend time analyzing the fictional and poetic elements of literary texts and read to appreciate the writer's craft. High School students will discover how well written literary text can serve as models for their own writing. Highs school students respond to oral, written, and electronic text to connect their knowledge of the world.

131D PUBLIC SPEAKING I **Dual Credit** **SPCH 1315 - PUBLIC SPEAKING** **03240900**	**Semester** **Grade 9-12** **Credit .5** **Weight 1.1** **College Credit:** **3 Hours**	The Dual Credit Speech 1315 course develops the student's skills, knowledge, and understanding of the public speaking process. Topics include the principles of reasoning, audience analysis, collection of materials, outlining, and delivery. Emphasis is on the oral presentation of well-prepared speeches, using computer technology when appropriate. ***Prerequisites: Attempted TSIA in ELAR***
130R COMMUNICATION APPLICATIONS **03241400**	**Semester** **Grade 9-12** **Credit .5** **Weight 1.0**	This course affords students the opportunity to practice and improve their communication skills in professional and social forums. Student's design and present oral communications where effective communication skills are practiced. Students work independently, interpersonally, and collaboratively to prepare and present informative, persuasive, and motivational speeches.

ENGLISH LANGUAGE ARTS ELECTIVES

114H HUMANITIES I HONORS **03221600**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.1**	Humanities I is an interdisciplinary course in which students recognize writing as an art form and prepares students for the Academic Decathlon contest. This course includes the study of major historical and cultural movements and their relationship to literature and the other fine arts. Humanities is a rigorous course of study in which high school students respond to aesthetic elements in texts and other art forms through outlets such as discussions, journals, oral interpretations, and dramatizations. It also prepares students to compete in Academic Decathlon, which is an interdisciplinary competition and includes speech, essay, and interview.
115H HUMANITIES II HONORS **03221610**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.1**	Humanities II is a continuation of Humanities I and prepares students for the Academic Decathlon contest. This course includes the study of major historical and cultural movements and their relationship to literature and the other fine arts. Humanities is a rigorous course of study in which high school students respond to aesthetic elements in texts and other art forms through outlets such as discussions, journals, oral interpretations, and dramatizations. It also prepares students to compete in Academic Decathlon, which is an interdisciplinary competition and includes speech, essay, and interview.
120 INTRODUCTION TO JOURNALISM **03230100**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course provides a survey study of the fields of journalism and photojournalism. It examines the role and the responsibility of media, explores newspaper structure and function, and examines methods of news gathering and reporting. Fundamental skills of journalism will be stressed: writing news, features, and editorials, developing interviewing skills and learning page layout. Fundamental skills of photojournalism will also be addressed, including how to take pictures with a digital camera, download photographs on the computer and crop and resize photographs in the program Photoshop. ***Students must take this course prior to being placed in Yearbook Production or Newspaper Production***.
140-142 NEWSPAPER PRODUCTION 1-3 **1-03230140** **2-03230150** **3-03230160**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	This course gives students practical experience in the field of journalism by working as a staff member on the school newspaper. Students will be involved in all areas of production. ***Prerequisite: Introduction to Journalism***
143-145 YEARBOOK PRODUCTION 1-3 **1-03230110** **2-03230120** **3-03230130**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	This course gives students practical experience in the field of journalism through the work as a staff member on the school yearbook. Students will be involved in all areas of production and must be willing to work after school to ensure production of the yearbook by given deadlines. ***Prerequisite: Introduction to Journalism***
153-155 DEBATE 1-3 **1-03240600** **2-03240700** **3-03240800**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Students are required to compete at Texas Forensic League and UIL Tournaments. Students are instructed in the fundamentals of debate; logic and reasoning, persuasion, analysis, development of ideas through argumentation, case construction, speaker responsibilities, cross- examination, ethics, philosophy, and competitive debate techniques. Students will experience extemporaneous speaking and oration. This course is designed for students who show marked evidence of the ability to read, think and analyze critically.

175 COLLEGE PREPARATORY ENGLISH LANGUAGE ARTS COURSE CP110100	**Yearlong** **Grade 12** **Credit 1** **Weight 1.0**	In this college-preparatory course students will improve integrated critical reading and writing skills through engagement with a variety of texts across content areas and genres. As a result, students will be able to develop and express ideas clearly and effectively to communicate with various audiences for various purposes and occasions. This course is recommended for students who require state-mandated remediation. In particular this course is intended to build the foundation for the study of College Freshman Composition.
176 COLLEGE PREPARTORY ENGLISH LANGUAGE ARTS COURSE ONLINE CP110100	**Semester** **Grade 11-12** **Credit 1** **Weight 1.0**	In this college-preparatory course students will improve integrated critical reading and writing skills through an adaptive online program, Texas College Bridge. Students will need to complete the 2 parts of the program with 90% mastery as well as write an essay. Completion of this course fulfills the requirements for a TSI Exemption in ELAR.

LANGUAGESOTHER THAN ENGLISH (LOTE)

The curriculum for AP courses is prescribed by the College Board. For AP course information, access https://apstudent.collegeboard.org/apcourse

Suggested Guidelines for LOTE Honors & AP courses

- Student should have strong personal commitment to accomplishing goals and objectives of the course.
- Student should have high academic interest and work ethic in LOTE and English Language Arts.
- Student is encouraged to seek teacher advisement.
- Student should have passed STAAR Reading and Writing.

All prerequisites are suggested guidelines designed to aid the student in choosing the course in which he/she will most likely succeed. A student's teacher is the best advisor for content specific information.

Two credits of the same LOTE courses are required for graduation. Refer to your graduation plan for details.*

601 SPANISH I **03440100**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course introduces the three modes of communication (interpersonal, interpretive, and presentational) by focusing on the development of the speaking, listening, reading, and writing skills at the novice proficiency level. Cultural information provides enrichment to the study of the language. Students have the opportunity to use the target language through pair work and small group as well as role-play real-life situation.
602 SPANISH II **03440200**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course introduces the three modes of communication (interpersonal, interpretive, and presentational) by focusing on the development of the speaking, listening, reading, and writing skills at the novice proficiency level. Cultural information provides enrichment to the study of the language. Students have the opportunity to use the target language through pair work and small group as well as role-play real-life situations. ***Prerequisite: 70 or higher in Spanish I***
602H SPANISH II HONORS **03440200**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.1**	This course exceeds the Level 2 requirements by including many independent activities requiring performance in the target language. The students will continue to expand on the three modes of communication (interpersonal, interpretive, and presentational) by a continued focus on the development of the speaking, listening, reading, and writing skills at the intermediate proficiency level through an enriched and accelerated curriculum. Cultural information continues to provide enrichment to the study of the language. ***Prerequisite: 70 or higher in Spanish I***
603 SPANISH III **03440300**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course continues to work towards proficiency on the three modes of communication (interpersonal, interpretive, and presentational) by continuing to focus on the development of the speaking, listening, reading, and writing skills at the intermediate proficiency level. Cultural topics are integrated throughout the curriculum. Students have the opportunity to use the target language through pair work and small group as well as role-play real-life situation. ***Prerequisite: 70 or higher in Spanish 2***

603H SPANISH III HONORS **03440300**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.1**	Level III Honors is an advanced course recommended for students with a strong interest in LOTE and good study skills. This course continues to work towards proficiency on the three modes of communication (interpersonal, interpretive, and presentational) by continuing to focus on the development of the speaking, listening, reading, and writing skills at the intermediate to advance proficiency level. The study of some condensed literary works will incorporate the development of reading comprehension and writing skills. Cultural topics are integrated throughout the curriculum. Students have the opportunity to use the target language through individual, pair, and group work to allow increased creativity and the use of higher-order thinking skills. ***Prerequisite: 70 or higher in Spanish 2***
604A AP LANGUAGE AND CULTURE-SPANISH **A3440100**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.2**	Students enrolled in this course are expected to take the Advanced Placement Exam in May for possible college credit. This course will use the College Board curriculum in order to prepare students for the Advanced Placement Language and Culture exam. Group and independent activities will facilitate intensive student use of the target language in all aspects of the course. ***Prerequisite: Level 3 Honors of same language & see suggested guidelines***
605A AP SPANISH LITERATURE & CULTURE **A3440200**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.2**	Students enrolled in this course are expected to take the Advanced Placement Exam in May for possible college credit. This course will use the College Board curriculum to prepare students for the Advanced Placement Literature and Culture exam. ***Prerequisite: Level 4 AP & see suggested guidelines*** `
606 LANGUAGES OTHER THAN ENGLISH **SPANISH FOR SPANISH SPEAKERS LEVEL II** **03440220**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	This course exceeds Level 2 and is for heritage Spanish speaking students who understand and speak Spanish at a basic level and requires students to work on independent activities requiring performance in the use of the target language. Students will also expand their knowledge and appreciation of the culture, literary and civilization of the Spanish speaking world. Students will continue to develop and refine their Spanish skills in the development of the three modes of communication interpretive, interpersonal and presentational through an enriched and compact curriculum. ***Prerequisite: Native Spanish Speaker***
631 AMERICAN SIGN LANGUAGE I **03980100**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This is the first course of a recommended two-year sequence designed to develop fundamental language necessary to develop receptive and expressive skills. The culture and heritage of the hearing-impaired community is integrated into all aspects of the course. Student will develop confidence in using ASL to describe familiar topics such as family, hobbies, and school life. Students should be able to understand and communicate in the target language at Novice Mid Proficiency to Novice High Proficiency level. **ASL 2 will be offered 2025-2026**
621 GERMAN 1 **03420100**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This is the first course of a recommended two-year sequence designed to develop fundamental language across the interpretive, interpersonal, and presentational modes of communication through Language Acquisition and comprehensible input. The culture and civilization of the Spanish-speaking world is integrated into all aspects of the course. Student will develop confidence in using spoken Spanish to describe familiar topics such as family, hobbies, and school life. Students should be able to understand and communicate in the target language at Novice Mid Proficiency to Novice High Proficiency level. German 2 will be offered 2025-2026

Please Note:
Students will have the opportunity to enroll in several levels of language classes from I-IV and may take regular, Honors, and/or Advanced Placement classes. With the opportunity to begin language study in middle school, students must earn two credits of the same language for graduation requirements. A student may have an option to change language or continue in the chosen language. If a student completes all four levels of Spanish, the student may have the opportunity to obtain a Biliteracy Seal on their diploma that will indicate that the student is literate in the language.

SOCIAL STUDIES

201R WORLD GEOGRAPHY STUDIES **03220100**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	In World Geography Studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. Emphasis is placed on geographical processes, which affect decisions concerning interrelationships among nations, production, and distribution of goods, uses and abuses of resources, movement and distribution of population, cultural impact on society, and political and economic conditions. Pre-AP World Geography Studies includes content and develops skills students will need for success in social studies AP courses in subsequent years.
201H WORLD GEOGRAPHY STUDIES HONORS **03320100**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.1**	In World Geography Studies Honors, students examine people, places, and environments at local, regional, national, and international levels from spatial and ecological perspectives. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. Emphasis is placed on geographical processes, which affect decisions concerning interrelationships among nations, production, and distribution of goods, uses of resources, movement and distribution of population, cultural impact on society, and political and economic conditions.
210A AP HUMAN GEOGRAPHY **A3360100**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.2**	The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.
202R WORLD HISTORY STUDIES **03340400**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	World History Studies is a survey of the history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world.
202A AP WORLD HISTORY: MODERN **A3370100**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.2**	Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.
203R UNITED STATES STUDIES HISTORY SINCE 1877 **03340100**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	In United States History Studies Since 1877, students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provide a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights.

203A AP US HISTORY A3340100	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.2**	AP U.S. History is designed to be the equivalent of a two- term introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society.
203D1 SOCIAL STUDIES ADVANCED STUDIES **Dual Credit** **HIST 1301 – US HISTORY I (Fall Term)** **03380001**	**Semester** **Grade 11** **Credit .5** **Weight 1.1** **College Credit: 3 Hours**	The History 1301 (Fall Term) course includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in this course include American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and creation of the federal government. ***Prerequisite: TSI College Readiness in ELAR***
203D U.S. HISTORY Since 1877 **Dual Credit** **HIST 1302- U.S. HISTORY II (Spring Term)** **03340100** **NOTE: Shared PEIMS WITH OTHER S.S. ADVANCED STUDIES. Check for other classes with the same PEIMS** **These are Paired Courses**	**Semester** **Grade 11** **Credit 1** **Weight 1.1** **College Credit: 3 Hours**	The History 1302 (Spring Term) course examines industrialization, immigration, world wars, the Great Depression, Cold War, and post- Cold War eras. Themes that may be addressed in this course include American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy. ***Prerequisite: "C" or better in History 1301***
206 UNITED STATES GOVERNMENT **03330100**	**Semester** **Grade 11-12** **Credit .5** **Weight 1.0**	United States Government focuses on the principles and beliefs upon which the United States was founded, as well as the structure, functions, and powers of government at the national, state, and local levels. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created.
206A AP UNITED STATES GOVERNMENT & POLITICS A3330100	**Semester** **Grade 11-12** **Credit .5** **Weight 1.2**	AP United States Government and Politics is a college-level introduction to key political concepts, ideas, institutions, policies, interactions, roles and behaviors that characterize the constitutional system and political culture of the United States. Students will read and analyze US foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions between political institutions and behavior. They will read and interpret data, develop evidence-based arguments, and engage in an applied civics or politics research-based project.

206D UNITED STATES GOVERNMENT **Dual Credit** **GOVT 2305 – Federal Government** **03330100**	**Semester** **Grade 11-12** **Credit .5** **Weight 1.1** **College Credit: 3 Hours**	The Government 2305 course focuses on the origin and development of the U.S. Constitution. It also includes the following topics: the study of the structure and powers of the national government, federalism, political participation, the national election process, public policy, civil liberties, and civil rights. ***Prerequisites: TSI College Readiness in ELAR***
219D2 TEXAS GOVERNMENT SS ADVANCED STUDIES **Dual Credit** **GOVT 2306 – Texas Government** **03380021**	**Semester** **Grade 11-12** **Credit .5** **Weight 1.1** **College Credit: 3 Hours**	The Government 2306 course focuses on the origin and development of the Texas constitution. It also includes the following topics: structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas. ***Prerequisites: TSI College Readiness in ELAR***
207 ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM **03310300**	**Semester** **Grade 11-12** **Credit .5** **Weight 1.0**	Economics with Emphasis on the Free Enterprise System is the culmination of economic content and concepts studied from previous required secondary social studies courses. The focus is on the basic principles of production, consumption, and distribution of goods and services in the United States and makes a comparison with economies in other parts of the world.
207A AP MACROECONOMICS **A3310200**	**Semester** **Grade 11-12** **Credit .5** **Weight 1.2**	AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sectors, stabilization policies, economic growth, and intentional economics. Students learn to use graphs, charts and data to analyze, describe and explain economic concepts.
217 PERSONAL FINANCIAL LITERACY and ECONOMICS **03380083**	**Semester** **Grades 11-12** **Credit 0.5** **Weight 1.0**	The Personal Financial Literacy and Economics course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and address financial challenges as they occur over their lifetime. In addition, students are introduced to common economic and personal financial planning terms and concepts. As a result of learning objective concepts and integrating subjective information, students gain the ability to lead productive and financially self-sufficient lives. Can be taken in place of ECONOMICS 207. ***Based on the Division I and II Academic Eligibility requirements of the NCAA, students could not receive credit for the Personal Financial Literacy and Economics course but still meet the social studies NCAA course requirements with the current social studies graduation requirement of Texas.***
207D ECONOMICS **Dual Credit** **ECON 2301 Principles of Macroeconomics** **03310300**	**Semester** **Grade 10-12** **Credit .5** **Weight 1.1** **College Credit 3 Hours**	An analysis of the economy as a whole, including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy. ***Prerequisites: TSI College Readiness in ELAR***

212A AP EUROPEAN HISTORY **A3340200**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.2**	AP European History is designed to be the equivalent of a two-term introductory college or university European history course. In AP European History students investigate significant events, individuals, developments, and processes in four historical periods from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; individual and society; and national and European identity.

SOCIAL STUDIES ELECTIVES

230R PSYCHOLOGY **03350100**	**Semester** **Grade 9-12** **Credit .5** **Weight 1.0**	Psychology is an introductory study in the science of behavior and mental processes. Students will examine the full scope of the science of psychology, such as historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.
230A AP PSYCHOLOGY **A3350100**	**Semester** **Grade 10-12** **Credit .5** **Weight 1.2**	The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation, and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims, and evidence, and effectively communicate ideas.
230D PSYCHOLOGY **Dual Credit** **PSYC 2301 – General Psychology** **03350100**	**Semester** **Grade 10-12** **Credit .5** **Weight 1.1** **College Credit** **3 Hours**	The Psychology 2301 course introduces the study of behavior and the factors that determine and affect behavior and mental processes ***Prerequisites: TSI College Readiness in ELAR***
231R SOCIOLOGY **03370100**	**Semester** **Grade 9-12** **Credit .5** **Weight 1.0**	Sociology is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.
231D SOCIOLOGY **Dual Credit** **SOCI 1301 – Introduction to Sociology** **03370100**	**Semester** **Grade 10-12** **Credit .5** **Weight 1.1** **College Credit** **3 Hours**	Sociology 1301 is an introduction to the concepts and principles used in the study of group life, social institutions, and social processes. It addresses the following objectives: Critical Thinking, Communication, Empirical Quantitative Skills, and Social Responsibility. ***Prerequisites: TSI College Readiness in ELAR***
218 PERSONAL FINANCIAL LITERACY **03380082**	**Semester** **Grade 10-12** **Credit .5** **Weight 1.0**	Personal Financial Literacy develops students' knowledge and skills in making decisions that lead to personal financial responsibility. In this researched based course, students apply critical thinking and problem-solving skills to analyze decisions involving earning and spending.

211 ETHNIC STUDIES MEXICAN AMERICAN STUDIES 03380084	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	In Mexican American Studies, students learn about the history and cultural contributions of Mexican Americans. Students will explore history and culture from an interdisciplinary perspective. They will have opportunities to interact with relevant film, literature, art, and other media. The course emphasizes developments in the twentieth and twenty-first centuries, as well as covering developments prior to the twentieth century.
224WGx WOMEN AND GENDER STUDIES **Special Topics in Social Studies** **224WG1-03380002** **224WG2-03380022** **224WG3-03380032** **224WG4-03380042** **NOTE: SHARED PEIMS WITH OTHER S.S. SPECIAL TOPICS COURSES. May need to move to the next level if taking another special topic class.**	**Semester** **Grade 11-12** **Credit .5** **Weight 1.0**	Women and Gender Studies covers the historic, political, economic, geographic, multicultural, and social forces that have shaped the historical perspective of women and individuals throughout history and across cultures. Students examine various issues, experiences, and developments in policies affecting gender roles, as well as critically think and respond to theories and methodologies relating to women and the consideration of gender in society.
223 AFRICAN AMERICAN STUDIES 03380085	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	In African American Studies, students learn about the history and cultural contributions of African Americans. This course is designed to assist students in understanding issues and events from multiple perspectives regarding the historical roots of the African American culture. It provides an analysis of important ideas, social and cultural values, beliefs, and traditions. within which to address current issues facing the United States.
224HF1-3 HISTORY THROUGH FILM **Special Topics in Social Studies** **224HF1-03380002** **224HF2-03380022** **224HF3-03380032** **NOTE: SHARED PEIMS WITH OTHER S.S. SPECIAL TOPICS COURSES. May need to move to the next level if taking another special topic class.**	**Semester** **Grade 9-12** **Credit .5** **Weight 1.0**	History through Film asks students to select, arrange, and interpret facts for the purpose of telling the story of an era through film. Students will think like a historian while evaluating films based on historical events or figures. They will also consult various texts, collaborate with peers, and explore film appreciation using films as historical evidence.
224CRX COMPARATIVE RELIGION **224CR1-03380002** **224CR2-03380022** **224HF3-03380032** **NOTE: SHARED PEIMS WITH OTHER S.S. SPECIAL TOPICS COURSES. May need to move to the next level if taking another special topic class.**	**Semester** **Grade 9-12** **Credit .5** **Weight 1.0**	Comparative Religions offers students an opportunity to compare what are considered to be the five major world religions-Judaism, Hinduism, Christianity, Buddhism, and Islam. The course emphasizes scholarly research and historical inquiry that will assist students to become global citizens and understand the diversity of the world around them.

MATHEMATICS

301R ALGEBRA I **03100500**	**Yearlong** **Grade 9** **Credit 1** **Weight 1.0**	Algebra I is the foundation for the study of all high school mathematics courses. In this course, students will study linear, quadratic, and exponential functions and make connections to both mathematical and real-world situations. Students will solve linear systems and create new functions through transformations; use technology to collect and analyze data; and study polynomials, radical expressions, sequences, and laws of exponents. The use of a graphing calculator is considered an integral part of the course and will be used to build understanding, make connections between representations, and provide support in solving problems. Students will have access to a graphing calculator as appropriate during instruction in the classroom. ***Prerequisite: Grade 8 Mathematics or Equivalent.***
301H ALGEBRA I HONORS **03100500**	**Yearlong** **Grade 9-10** **Credit 1** **Weight 1.1**	Algebra I Honors is the foundation for the study of all high school mathematics courses. In this course, students will study linear, quadratic, and exponential functions and make connections to both mathematical and real-world situations. Students will solve linear systems and create new functions through transformations; use technology to collect and analyze data; and study polynomials, radical expressions, sequences, and laws of exponents. The use of a graphing calculator is considered an integral part of the course and will be used to build understanding, make connections between representations, and provide support in solving problems. Students will have access to a graphing calculator as appropriate during instruction in the classroom. ***Students registering for Honors are encouraged to review the Challenge Agreement for advanced courses.*** ***Prerequisite: Grade 8 Mathematics or Equivalent***
300R STRATEGIC LEARNING FOR HIGH SCHOOL MATHEMATICS **N1110030**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course is intended to create strategic mathematical learners. The basic understandings of this course will stimulate students to think about their approach to mathematical learning including identifying errors in the teaching and learning process. Use of personal data and statistical analysis will establish relevance and aid in the creation of personalized learning goals. Students enrolled in this course will receive an elective credit. ***NOTE: Does not count as a math credit; this is an elective***
302R GEOMETRY **03100700**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	In this course students will build on knowledge and skills from previous math courses to strengthen their mathematical reasoning and skills in geometric contexts. Concepts that will be covered in this course include coordinate and transformational geometry; logical argument and constructions; congruence, similarity, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will have access to a graphing calculator as appropriate during instruction in the classroom. ***Prerequisite: Algebra I***

302H GEOMETRY HONORS **03100700**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.1**	In Geometry honors students will build on knowledge and skills from previous math courses to strengthen their mathematical reasoning and skills in geometric contexts. Concepts that will be covered in this course include coordinate and transformational geometry; logical argument and constructions; congruence, similarity, and trigonometry; two- and three- dimensional figures; circles; and probability. Students will have access to a graphing calculator as appropriate during instruction in the classroom. The honors option in instruction includes content and develops skills students will need for success in AP Calculus or AP Statistics courses in subsequent years. Students registering for honors are encouraged to review the Challenge Agreement for advanced courses. ***Prerequisite: Algebra I***
308R MATHEMATICAL MODELS WITH APPLICATIONS **03102400**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	Mathematical Models with Applications provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. The use of a graphing calculator is considered an integral part of the course and will be used to build understanding, make connections between representations, and provide support in solving problems. ***Prerequisite: Algebra I***
303R ALGEBRA II **03100600**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	In Algebra II, students will broaden their knowledge of quadratic and exponential functions and systems of equations. Students will explore new functions including logarithmic, square root, cubic, cube root, absolute value, and rational functions. Students will extend their knowledge of data analysis, numeric, and algebraic methods and make connections to both mathematical and real-world situations. The use of a graphing calculator is considered an integral part of the course and will be used to build understanding, make connections between representations, and provide support in solving problems. Students will have access to a graphing calculator as appropriate during instruction in the classroom. ***Prerequisite: Algebra I***

303H ALGEBRA II HONORS **03100600**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.1**	In Algebra II Honors, students will broaden their knowledge of quadratic and exponential functions and systems of equations. Students will explore new functions including logarithmic, square root, cubic, cube root, absolute value, and rational functions. Students will extend their knowledge of data analysis, numeric, and algebraic methods and make connections to both mathematical and real-world situations. The use of a graphing calculator is considered an integral part of the course and will be used to build understanding, make connections between representations, and provide support in solving problems. Students will have access to a graphing calculator as appropriate during instruction in the classroom. The honors option in instruction includes content and develops skills students will need for success in AP Calculus or AP Statistics courses in subsequent years. Students interested in registering for honors are encouraged to review the Challenge Agreement for advanced courses. ***Prerequisite: Algebra I***
310R STATISTICS **03102530**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	In Statistics, students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, qualitative and quantitative data, probability, and bivariate data. Student will extend their knowledge of data analysis and make connections to real- world situations and statistical processes. The use of a graphing calculator is considered an integral part of the course and will be used to build understanding, make connections between representations, and provide support in solving problems. Students will have access to a graphing calculator as appropriate during instruction in the classroom. ***Prerequisite: Algebra I***
315R ALGEBRAIC REASONING **03102540**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	In Algebraic Reasoning, students will continue to develop mathematical reasoning related to algebraic understandings and processes and deepen a foundation for studies in subsequent math courses. Students will continue working with functions and relationships including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets. Students will have access to a graphing calculator as appropriate during instruction in the classroom. ***Prerequisite: Algebra I***

4th and 5th YEAR
MATHEMATICS COURSE OPTIONS

309R PRE-CALCULUS **03101100**	**Yearlong** **Grade 12** **Credit 1** **Weight 1.0**	Pre-calculus is the preparatory course for calculus. This course is taught with a function-based approach and is designed to build conceptual understanding and mathematical reasoning by modeling and solving real-world problems. This course will strengthen students' understanding and fluency with algebra and trigonometry allowing them to make connections and apply concepts while analyzing complex situations. Students will have access to a graphing calculator as appropriate during instruction in the classroom. ***Prerequisite: Algebra I, Geometry, Algebra II*** ***Recommended Entry Requirements: 75 average in Algebra II***
309H PRE-CALCULUS HONORS **03101100**	**Yearlong** **Grade 12** **Credit 1** **Weight 1.1**	Pre-calculus is the preparatory course for calculus. This course is taught with a function-based approach and is designed to build conceptual understanding and mathematical reasoning by modeling and solving real-world problems. This course will strengthen students' understanding and fluency with algebra and trigonometry allowing them to make connections and apply concepts while analyzing complex situations. Students will have access to a graphing calculator as appropriate during instruction in the classroom. The honors option in instruction includes content and develops skills students will need for success in AP Calculus or AP Statistics courses in subsequent years. Students interested in registering for honors are encouraged to review the Challenge Agreement for advanced courses.
314R ADVANCED QUANTITATIVE REASONING **03102510**	**Yearlong** **Grade 12** **Credit 1** **Weight 1.0**	In Advanced Quantitative Reasoning, students will develop and apply skills necessary for college, careers, and life. Course content consists primarily of applications of high school mathematics concepts to prepare students to become well-educated and highly informed 21st century citizens. Students will develop and apply reasoning, planning, and communication to make decisions and solve problems in applied situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and modeling with algebra, geometry, trigonometry, and discrete mathematics. Students will have access to a graphing calculator as appropriate during instruction in the classroom. ***Prerequisite: Geometry, Algebra II***
317H DISCRETE MATHEMATICS FOR PROBLEM SOLVING **03102520**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.1**	In Discrete Mathematics for Problem Solving, students are introduced to the improved efficiency of mathematical analysis and quantitative techniques over trial-and-error approaches to management problems involving organization, scheduling, project planning, strategy, and decision making. Students will learn how mathematical topics such as graph theory, planning and scheduling, group decision making, fair division, game theory, and theory of moves can be applied to management and decision making. Students will research mathematicians of the past whose work is relevant to these topics today and read articles about current mathematicians who either teach and conduct research at major universities or work in business and industry solving real-world logistical problems. ***Prerequisite: Algebra II***

311A AP CALCULUS AB **A3100101**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.2**	AP Calculus AB is roughly equivalent to a first term college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. ***Prerequisite: Precalculus***
312A AP CALCULUS BC **A3100102**	**Yearlong** **Grade 12** **Credit 1** **Weight 1.2**	AP Calculus BC is roughly equivalent to both first and second term college calculus courses. It extends the content learned in AB to different types of equations (polar, parametric, vector-valued) and new topics (such as Euler's method, integration by parts, partial fraction decomposition, and improper integrals), and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. ***Prerequisite: Pre-Calculus***
310A AP STATISTICS **A3100200**	**Yearlong** **Grade 12** **Credit 1** **Weight 1.2**	The AP Statistics course is equivalent to a one-term, introductory, non- calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling, and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. ***Prerequisite: Algebra II***
303D1 INDEPENDENT STUDY IN MATHEMATICS **Dual Credit** **MATH 1314- COLLEGE ALGEBRA** **03102500** **NOTE: SHARED PEIMS WITH OTHER INDEPENDENT STUDIES IN MATH COURSES.**	**Semester** **Grade 10-12** **Credit 1** **Weight 1.1** **College Credit 3 Hours**	This course provides an in-depth study and application of polynomial, rational, radical, exponential, and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. ***Prerequisites: Algebra I, Geometry, Algebra II, and TSI College Readiness in Math***
S303D1 INDEPENDENT STUDY IN MATHEMATICS **Dual Credit** **MATH 1414-COLLEGE ALGEBRA** **03102500** **NOTE: SHARED PEIMS WITH OTHER INDEPENDENT STUDIES IN MATH COURSES.**	**Semester** **Grade 10-12** **Credit 1** **Weight 1.1** **College Credit 4 Hours**	This course targets math or science college majors as it prepares students for a pre-calculus track while providing them an in-depth study and application of polynomial, rational, radical, exponential, and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. ***Prerequisites: Algebra I, Geometry, Algebra II and TSI College Readiness in Math***

348A AP COMPUTER SCIENCE A **(MATH)** **A3580110** **AP COMPUTER SCIENCE A** **(LOTE)** **A3580120** **This is a single course with two awarding credits**	**Yearlong** **Grade 9-12** **Credit 2** **Math 1 credit** **LOTE 1 credit** **Weight 1.2**	AP Computer Science A is equivalent to a first-term, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities. ***Recommended Prerequisites: Computer Science I, Algebra II, or a student should be comfortable with functions and the concepts found in the uses of functional notation such as*** $ff(xx) = xx + 22$ ***and*** $ff(xx) = gg(hh(xx))$ **Students in this class will earn 1 Math and 1 LOTE credit on their high school transcript**
361 COLLEGE PREPARATORY COURSE MATHEMATICS **CP111200**	**Yearlong** **Grade 12** **Credit 1** **Weight 1.0**	Topics for this course include real numbers, basic geometry, polynomials, factoring, linear equations, inequalities, quadratic equations, rational expressions, radicals, algebraic fractions, complex numbers, graphing linear equations and inequalities, quadratic equations, systems of equations, graphing quadratic equations and an introduction to functions. Emphasis is placed on algebraic techniques in order to successfully complete an entry-level college mathematics course. Calculator use is allowed in this course when indicated, including the departmental term examination. ***Prerequisite: Algebra I***
362 COLLEGE PREPARATORY MATHEMATICS ONLINE **CP111200**	**Semester** **Grade 11-12** **Credit 1** **Weight 1.0**	The purpose of this course is to reinforce and build upon algebra topics to prepare the student for college readiness. This course is a blend of Elementary and Intermediate Algebra which will prepare the student for success in a college-entry math course, such as College Algebra. The coursework requires students to be proficient both with and without the calculator through an adaptive online program, Texas College Bridge. Students will need to complete the 2 parts of the program with 90% mastery. Completion of this course fulfills the requirements for a TSI Exemption in Math. P***rerequisites: Algebra I and Geometry. Preferably Algebra II***

SCIENCE

401R BIOLOGY **030010200**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Students in Biology focus on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems. By the end of Grade 12, students are expected to gain sufficient knowledge of the scientific and engineering practices across the disciplines of science to make informed decisions using critical thinking and scientific problem solving. Students are expected to perform laboratory and field experiments 40% of the time and are required to complete the End of Course exam. ***Prerequisite: none***
401H BIOLOGY HONORS **030010200**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.1**	The Biology honors course provides students a rigorous and highly challenging curriculum focused on the same strands as the regular biology course. The curriculum for this course is aligned to College Readiness Standards as measured by high school AP exams. In honors Biology, students focus on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems. By the end of Grade 12, students are expected to gain sufficient knowledge of the scientific and engineering practices across the disciplines of science to make informed decisions using critical thinking and scientific problem solving. Students are expected to perform laboratory and field experiments 40% of the time and are required to complete the End of Course exam. ***Prerequisite: none***
402A AP BIOLOGY **A3010200**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.2**	AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes-energy and communication, genetics, information transfer, ecology, and interactions. This course requires that 25 percent of the instructional time will be spent on hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices. **Recommended Prerequisite: Biology I and Chemistry**
401DN1 SPECIALIZED TOPICS IN SCIENCE **Dual Credit** **BIOL 1408 – BIOLOGY FOR NON-SCIENCE MAJORS I** **03060300** **NOTE: SHARED PEIMS WITH OTHER SPECIALIZED TOPICS IN SCIENCE COURSES**	**Semester** **Grade 10-12** **Credit 1** **Weight 1.1** **College Credit 3 Hours**	This course focuses on the fundamental principles of living organisms including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of reproduction, genetics, ecology, and the scientific method are included. ***Prerequisites: TSI College Readiness in ELAR & Math***
402DN2 SPECIALIZED TOPICS IN SCIENCE **Dual Credit** **BIOL 1409 BIOLOGY FOR NON-SCIENCE MAJORS II** **03060310** **NOTE: SHARED PEIMS WITH OTHER SPECIALIZED TOPICS IN SCIENCE COURSES**	**Semester** **Grade 10-12** **Credit 1** **Weight 1.1**	This course focuses on the fundamental principles of living organisms including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of reproduction, genetics, ecology, and the scientific method are included. ***Prerequisites: "C" or better in BIOL 1408***

401DM1 SPECIALIZED TOPICS IN SCIENCE **Dual Credit** **BIOL 1406 BIOLOGY FOR SCIENCE MAJORS I** **03060300** **NOTE: SHARED PEIMS WITH OTHER SPECIALIZED TOPICS IN SCIENCE COURSES**	**Semester** **Grade 10-12** **Credit 1** **Weight 1.1** **College Credit** **4 Hours**	This course is suitable for science majors and those students intending to pursue careers in health and allied fields. Topics include the nature, history and philosophy of science, basic chemistry, cell structure and function, genetics, evolution, and classification of living organisms. ***Prerequisites: TSI College Readiness in ELAR and Math***
402DM2 SPECIALIZED TOPICS IN SCIENCE **Dual Credit** **BIOL 1407 BIOLOGY FOR SCIENCE MAJORS II** **03060310** **NOTE: SHARED PEIMS WITH OTHER SPECIALIZED TOPICS IN SCIENCE COURSES**	**Semester** **Grade 10-12** **Credit 1** **Weight 1.1** **College Credit** **4 Hours**	This course is suitable for science majors and those students intending to pursue careers in health and allied fields. Topics include the nature, history and philosophy of science, basic chemistry, cell structure and function, genetics, evolution, and classification of living organisms ***Prerequisites: "C" or better in BIOL 1406***
414R INEGRATED PHYSICS AND CHEMISTRY **03060201**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	In Integrated Physics and Chemistry, students conduct laboratory and field investigations, use engineering practices, use scientific practices during investigation, and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter. By the end of Grade 12, students are expected to gain sufficient knowledge of the scientific and engineering practices across the disciplines of science to make informed decisions using critical thinking and scientific problem solving. ***Prerequisites: none***
411R CHEMISTRY **03040000**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	In Chemistry, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory, chemical bonding, chemical stoichiometry, gas laws, solution chemistry, acid-base chemistry, thermochemistry, and nuclear chemistry. Students investigate how chemistry is an integral part of our daily lives. ***Prerequisites: One unit of high school science and Algebra I***
411H CHEMISTRY HONORS **03040000**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.1**	The Chemistry honors course provides students a rigorous and highly challenging curriculum focused on the same strands as the regular chemistry course. The curriculum for this course is aligned to College Readiness Standards as measured by high school AP exams. In honors Chemistry, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory, chemical bonding, chemical stoichiometry, gas laws, solution chemistry, acid-base chemistry, thermochemistry, and nuclear chemistry. Students investigate how chemistry is an integral part of our daily lives. **Prerequisites: One credit of high school science & Algebra I**

413A AP CHEMISTRY **A3040000**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.2**	This course is designed to prepare students with strong academic backgrounds by receiving instruction at the college level. Advanced study of chemical concepts with emphasis on laboratory experience is an integral part of this course. Students may receive college credit for this course through the AP exam. ***Prerequisite: Biology I and Chemistry I. Algebra II is highly recommended***
431R PHYSICS 1 **03050000**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	In Physics, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include laws of motion, changes within physical systems, conservation of energy and momentum, forces, characteristics and behavior of waves, and electricity and magnetism. Students will apply conceptual knowledge and collaborative skills to experimental design, implementation, and interpretation. By the end of Grade 12, students are expected to gain sufficient knowledge of the scientific and engineering practices across the disciplines of science to make informed decisions using critical thinking and scientific problem solving. ***Algebra I is suggested as a prerequisite or co-requisite***
431A AP PHYSICS 1 **A3050003**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.2**	AP Physics 1 is an Algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; dc circuits; and mechanical waves and sound. This course requires that 25 percent of the instructional time will be spent on hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to demonstrate the foundational physics principles and apply the science practices. ***Prerequisite: Geometry and Concurrent Enrollment in Algebra II***
432A AP PHYSICS 2 **A3050004**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.2**	AP Physics 2 is an Algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. This course requires that 25 percent of the instructional time will be spent on hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to demonstrate the foundational physics principles and apply the science practices. ***Prerequisite: AP Physics I or Physics I and Concurrent Enrollment in Precalculus***

SCIENCE ELECTIVES

T405R ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS **13020600**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific and engineering methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. This is a suggested scope and sequence for the course content. This content will work with any textbook or instructional materials. If locally adapted, make sure all TEKS are covered. ***Recommended prerequisite: A course from the Health Science Career Cluster.***
425R ASTRONOMY **03060100**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	In Astronomy, students conduct laboratory and field investigations, use scientific methods, and make informed decisions using critical thinking and scientific problem solving. Students study the following topics: astronomy in civilization, patterns and objects in the sky, our place in space, the moon, reasons for the seasons, planets, the sun, stars, galaxies, cosmology, and space exploration. Students who successfully complete Astronomy will acquire knowledge within a conceptual framework, conduct observations of the sky, work collaboratively, and develop critical-thinking skills. ***Prerequisite: One unit of high school science***
420R AQUATIC SCIENCE **03030000**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Investigations and field work in this course may emphasize fresh water or marine aspects of aquatic science depending primarily upon the natural resources available for study near the school. Students who successfully complete Aquatic Science will acquire knowledge about a variety of aquatic systems, conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical-thinking and problem-solving skills. ***Prerequisite: One unit of high school Biology.*** ***Suggested prerequisite: Chemistry or concurrent enrollment in Chemistry***
421R ENVIRONMENTAL SYSTEMS **03020000**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	In Environmental Systems students conduct laboratory and field investigations, use scientific and engineering methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environments. ***Prerequisite: One unit of high school life science and one unit of high school physical science***

428A AP ENVIRONMENTAL SCIENCE **A3020000** **NOTE: SHARED PEIMS WITH OTHER SCIENTIFIC RESEARCH AND DESIGN COURSES. May need to move to the next level.**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.2**	The AP Environmental Science course is designed to be the equivalent of a one-term, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. ***Prerequisite: Biology I, Chemistry I, and Algebra I***

HEALTH/PHYSICAL EDUCATION/JROTC

Physical Education Substitutions: Students may substitute certain physical activities for the one credit required for physical education. Such substitutions occur in 9th grade during the fall term for Cheerleading, Dance, JROTC I, and Band I. Students may also substitute one credit of PE through participation in athletics. A student may earn up to four credits in athletics: one for PE and three elective credits.

512R HEALTH 1 **03810100**	**Semester** **Grade 9-12** **Credit .5** **Weight 1.0**	The goal of health education is to provide instruction that allows youth to develop and sustain health-promoting behaviors throughout their lives. The understanding and application of these standards will allow students the ability to gather, interpret, and understand health information; achieve health literacy; and adapt to the ever-evolving science of health. The health education knowledge and skills should be presented to students in a positive manner to support the development of a healthy self-concept and responsible decision-making. The standards will help students reinforce, foster, and apply positive character traits.
513R HEALTH 2 **03820300**	**Semester** **Grade 9-12** **Credit .5** **Weight 1.0**	Students will gain an understanding of health information and skills through six strands: physical health and hygiene; mental health and wellness; healthy eating and physical activity; injury and violence prevention and safety; alcohol, tobacco, and other drugs; and reproductive and sexual health. Physical health and hygiene education help to prepare students for improved lifelong health outcomes. Learning about body systems lays the foundation for personal health and hygiene. Health literacy and preventative behaviors empowers students to make informed choices to support self, family, and community. ***Recommended prerequisite: Health I***
514R YOUR HEALTH IN THE REAL WORLD **03820400**	**Semester** **Grade 9-12** **Credit .5** **Weight 1.0**	Living your best life is understanding how to navigate the health care system. The objective of this course is to empower students and their families to sustain or improve their quality of life, as it relates to their own health and the health of their community. To achieve this objective, students will understand health care terminology as it relates to insurance and public health. Further, students will acquire the knowledge and skills needed to utilize community, state, and federal health care services and related resources.
500R LIFETIME FITNESS AND WELLNESS PURSUITS **PES00051**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The Lifetime Fitness and Wellness Pursuits course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students in Lifetime Fitness and Wellness Pursuits will apply the knowledge and skills to demonstrate mastery of the concepts needed to achieve lifetime wellness. Students will participate in a variety of physical activities for attaining personal fitness and lifetime wellness.
501R LIFETIME RECREATION AND OUTDOOR PURSUITS **PES00053**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The Lifetime Recreation and Outdoor Pursuits course provides opportunities to develop competency in five or more life-long recreational and outdoor pursuits for enjoyment and challenge. Students in Lifetime Recreation and Outdoor Pursuits will participate in activities that promote physical literacy, promote respect for and connection to nature and the environment, and promote opportunities for enjoyment for a lifetime. Students will experience opportunities that enhance self-worth and support community engagement.

502R SKILL BASED LIFETIME ACTIVITIES **PES00056**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The Skill-Based Lifetime Activities course offers students the opportunity to demonstrate mastery in basic sport skills, basic sport knowledge, and health and fitness principles. Students will experience opportunities that promote physical literacy and lifetime wellness. Students in Skill-Based Lifetime Activities will participate in a minimum of one lifelong activity from each of the following five categories during the course.
521PE JROTC I **PE SUBSTITUTION** **PES00004**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The course emphasizes the practical application of learned followership principles and techniques and what is learned in the classroom. Activities at the individual cadet level include drill and ceremony, inspections, and hands-on exercises in map reading, first aid, basic rifle marksmanship, and physical fitness. **NOTE: This course qualifies as a PE substitution course**
522 JROTC II **03160200**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course emphasizes the practical application of learned leadership principles and techniques and what is learned in the classroom. Activities at the squad level include teaching drill and ceremony, conducting inspections, and coaching hands-on exercises in map reading, first aid, basic rifle marksmanship, and physical fitness.
523 JROTC III **03160300**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course emphasizes the practical application of learned leadership principles and techniques and what is learned in the classroom. Activities at the platoon level include teaching drill and ceremony, coordinating inspections, individual and squad leader cadets and platoon administration. The student learns how to apply battalion standard operating procedures in administration, awards, promotions, and recruiting. The course also covers the developing, implementing, training, and operating of plans and the supervising hands-on activities in map reading, first aid, basic rifle marksmanship, and physical fitness.
524 JROTC IV **03160400**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course emphasizes the practical application of learned leadership principles and techniques and what is learned in the classroom. Activities at the company and battalion level include leading drill and ceremony, conducting inspections, Unit/Regular and cadet evaluations, Unit/Regular administration: applying battalion standard operating procedures in administration, awards, promotions, recruiting, developing, planning, implementing, operations plans and monitoring/training specialty teams such as the drill teams, color guards, rifle teams, orienteering teams, and saber guards. The course also includes the evaluating status and conduct of map reading, first aid, basic rifle marksmanship, physical fitness, and other subjects covered on the training schedules.

ATHLETICS

530 FOOTBALL **532 BASKETEBALL-BOYS** **534 BASKETBALL-GIRLS** **536 VOLLEYBALL** **538 TENNIS** **540 BASEBALL** **542 GOLF** **544 WRESTLING - BOYS** **545 WRESTLING - GIRLS** **547 SOCCER - BOYS** **548 SOCCER - GIRLS** **550 SOFTBALL** **552 SWIMMING** **554 TRACK – BOYS** **556 TRACK – GIRLS** **558 CROSS COUNTRY** **ATHLETICS** **PES00000** **PES00001** **PES00002** **PES00003**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Students enrolled in Athletics are required to have a current physical exam on file with the trainer as per U.I.L. in order to participate and complete the Rank One registration prior to participating. Accelerated physical education activities, calisthenics, skills strength training, or conditioning exercises will be conducted during the school year within the school day. Full team drills are conducted for team UIL sports practices. Students enrolled in athletics will receive one state credit in the fall term and one local credit in the Spring Term up to four years of athletics. Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for teamwork and fair play. ***Athletics must have the coach's approval.***
OLYMPIC WEIGHLIFTING **526R** **527R** **528R** **529R**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	Olympic Weightlifting is designed for the beginning or novice weightlifter, or for those who have experience lifting but lack proper technique. Students will gain an understanding of biomechanics, muscles used for a given exercise, and complete technical progressions of all the Olympic Weightlifting movements and program development. Individual fitness levels are assessed four times throughout the semester. Students will be taught by a teacher certified in weightlifting.
585 Team Sports Officiating **N1160012**	**Semester or Yearlong** **Credit .5** **Weight 1.0** **Grade 10-12**	Students enrolled in Team Sport Officiating learn rules and regulations of selected team sports, developing skills in the area of communication, decision making, and conflict management which are needed to officiate team sport competitions. Working with coaches, players, other officials, and parents, the expectation is that by the end of the course students will have the ability to officiate at various levels and manage responsibilities that come with the role. Students will be introduced to the rules of the games and officiating mechanics based on approved University Interscholastic League (UIL) association specifications which will form a foundation for a lifetime advocation in officiating.

		Experienced officials will assist in providing “real-world” experiences in preparing the students for the situations they will face. Students will also develop a personal fitness plan and safety plan that directly relates to the needs of an official. Students apply time management skills and adhere to professional responsibilities and standards including the Sports

COURSES THAT RECEIVE PE CREDIT

570 CHEERLEADING PES00013	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	High schools provide spirit organizations whose major functions are to serve as spirit, service, and performing groups for their schools. Students must meet eligibility requirements to participate. Students must try out for Cheer. **Students will earn 1 Physical Education substitution credit for 1st year in Cheerleading**
508-511 DANCE PERFORMANCE PE SUBSTITUTION PES00014	**Yearlong** **Grade 9-12** **Credits 2** **PE-1 Credit** **Fine Arts-1 Credit** **Weight 1.0**	Students enrolled in these courses learn motor skills basic to efficient movement. They develop and practice behaviors reflective of good sportsmanship and participate in fitness and conditioning activities. **Students will earn 1 credit in Physical Education for the Fall Semester (Drill Team PES00014)** **Students will earn .5 credit in fine arts in the Fall Semester and .5 credit in the Spring Semester** **All other Dance Performance courses will be awarded fine arts credit only.**
731 MARCHING BAND/COLOR GUARD PES00012	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Band courses support continuing development of instrumental music skills and musical understanding which began in elementary and/or middle school. **Marching Band will earn 1 credit in Physical Education for the Fall Semester (PES00014)**
521PE JROTC I PE SUBSTITUTION PES00004	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The course emphasizes the practical application of learned followership principles and techniques and what is learned in the classroom. Activities at the individual cadet level include drill and ceremony, inspections, and hands-on exercises in map reading, first aid, basic rifle marksmanship, and physical fitness. **NOTE: This course qualifies as a PE substitution course**

COLLEGE READINESS ELECTIVES

265 COLLEGE TRANSITION N1290050	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Facilitate students' recognition of the value of education and the importance of becoming internally motivated to succeed in school. Motivate learners and workers who challenge themselves and strive for higher achievement. Prepares students for dual credit courses.
181 COLLEGE READINESS AND STUDY SKILLS 03270100	**Semester** **Grade 9-12** **Credit .5** **Weight 1.0**	Students acquire techniques for learning from texts, including studying word meanings, identifying, and relating key ideas, drawing, and supporting inferences, and reviewing study strategies.
161 TSI PREP ELA (Research/Technical Writing Course) 03221100	**Semester** **Grade 9-12** **Credit .5** **Weight 1.0**	This course develops students' mastery of the conventions of usage and the mechanics of written English while allowing students to compose and present persuasive and informative texts in order to prepare students to demonstrate college readiness on the TSI in ELAR
137 ACADEMIC DECATHLON 85000XXX	**Yearlong** **Grade 9-12** **Local Credit 1** **No Weight**	This course includes intensive study of topics in literature, economics, social science, math, science, Super Quiz, and the fine arts. Students develop skills in speech, interviewing and essay composition. The course culminates with the selection of a team of nine students to represent the campus in competition in ten areas of study.
138 GIFTED-TALENTED INTERDISCIPLINARY STUDIES SEMINAR N1290309	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course is based on the required Texas Performance Standards Project (TPSP) for gifted and talented (G/T) learners; it offers a non-traditional learning experience to students who have the ability to create innovative products and/or performances. Students will develop a product proposal, compile a portfolio, conduct in-depth research, be matched with a mentor from the professional community, and prepare for a public presentation of their portfolio, product, or performance at the end of the school year. An audience that includes expert(s) in the field will evaluate the product and/or performance. Students work with their mentor to create a related product with real-world application and tangible documentation. The final product will be shared with an audience outside the school setting.

OTHER ELECTIVES

35 ADMIN AIDE **36 ATTENDANCE AIDE** **37 COUNSELING AIDE** **38 LIBRARY AIDE** **39 PE AIDE** **85000XXX**	**Semester** **Grade11-12**	At Principal, or designees, discretion, a student who chooses this offering will be assigned to work as an office aide in attendance, student services, counseling, or administration. Placement in this course is dependent upon whether the student has met the state assessment requirements for graduation and is in good academic standing. Students are highly encouraged to enroll in courses that will help further prepare them for post- secondary opportunities. ***Administrative Approval is required.***
096 PEER ASSISTANCE AND LEADERSHIP (PAL) I **N1290005**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The Peer Assistance and Leadership (PAL) courses are a peer helping program in which selected students are trained to work as peer facilitators with a younger student either on their own campus of from feeder middle or elementary schools. The kinds of assistance PAL students offer includes tutorial help, individual or group peer support, and discussion sessions. PAL students receive training in such areas as communication skills, listening skills, self-awareness, group dynamics, tutoring skills, helping strategies, and problem-solving and decision-making processes.
097 PEER ASSISTANCE AND LEADERSHIP (PAL) II **N1290006**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The Peer Assistance and Leadership (PAL) courses are a peer helping program in which selected students are trained to work as peer facilitators with a younger student either on their own campus of from feeder middle or elementary schools. The kinds of assistance PAL students offer includes tutorial help, individual or group peer support, and discussion sessions. PAL students receive training in such areas as communication skills, listening skills, self-awareness, group dynamics, tutoring skills, helping strategies, and problem-solving and decision-making processes.
133 TEEN LEADERSHIP (LEADWORTHY THE COURSE) **N12900012**	**Semester** **Grade 9-12** **Credit .5** **Weight 1.0**	Leadworthy The Course is designed to develop personal responsibility, leadership, and professional skills through explicit social-emotional participatory learning experiences. The course provides students the opportunity to develop an awareness of personal image, a healthy self-concept, and healthy relationships.
134 STUDENT LEADERSHIP **N1290010**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Student Leadership is a course for students who seek opportunities to expand and deepen their group and individual leadership skills to positively impact their own live and community.

DEPARTMENT OF SPECIAL EDUCATION

Note: These courses are designed for students who are receiving special education services and the selection of specific courses has been determined by the Admission, Review and Dismissal (ARD) Committee and outlined in their Individual Education Plan.

821 ENGLISH I **03220100**	**Yearlong** **Grade 9** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, instruction is within the context of related reading, writing, speaking, and listening with appropriate skill development in composition, literature, language and reading. Care is taken to ensure a balance among components so that the student receives instruction in all areas.
822 ENGLISH II **03220200**	**Yearlong** **Grade 10** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, instruction in this course includes a balance of reading, writing, speaking, and listening with appropriate skill development in composition, literature, grammar and use.
823 ENGLISH III **03220300**	**Yearlong** **Grade 11** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, instruction includes a balance of reading, writing, speaking, and listening with appropriate skill development in composition, American literature, language usage and reading.
824 ENGLISH IV **03220400**	**Yearlong** **Grade 12** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, instruction in this course includes a balance of reading, writing, speaking, and listening with appropriate skill development in composition, language, and reading. Literature pieces are chosen for their thematic connections and for real world relevance.
825 READING I **03270700** **826 READING II** **03270800** **827 READING III** **03270900**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0** **Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0** **Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, Reading I, II, and III offer students reading instruction to successfully navigate academic demands and learn lifelong literacy skills. These courses are designed for students who are having considerable difficulty in reading. Students will learn study strategies, test-taking skills, the literacy processes necessary for handling a wide variety of texts, including school materials, work-related reading, and self-selected pleasure reading. Students eligible for this class include those who meet any of the following criteria: students who fail to pass the reading objectives of the STAAR 8th grade reading or EOC tests, fail two or more content subjects, or are designated as at-risk. This course is designed to teach reading as a critical life skill.

838 WORLD GEOGRAPHY **03320100**	**Yearlong** **Grade 9** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, in World Geography Studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. Emphasis is placed on geographical process, which affect decisions concerning interrelationships among nations, production, and distribution of goods, uses and abuses of resources, movement and distribution of goods, uses and abuses of resources, movement and distribution of population, cultural impact on society, and political and economic.
839 WORLD HISTORY **03340400**	**Yearlong** **Grade 10** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, in World History Studies is a survey of the history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world.
840 UNITED STATES HISTORY **03340100**	**Yearlong** **Grade 11** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, in United States History, students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provide a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights.
841 UNITED STATES GOVERNMENT **03330100**	**Semester** **Grade 12** **Credit .5** **Weight 1.0**	As determined by an ARD Committee, in United States Government, the focus is on the principles and beliefs upon which the United States was founded and, on the structure, functions, and powers of government at the national, state, and local levels. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created.
842 ECONOMICS **03310300**	**Semester** **Grade 12** **Credit .5** **Weight 1.0**	As determined by an ARD Committee, Economics with emphasis on the Free Enterprise System and its benefits is the culmination of the economic content and concepts studied from Kindergarten through required secondary courses. The focus is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world.
829 ALGEBRA I **03100500**	**Yearlong** **Grade 9** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, Algebra I is the foundation for the study of all high school mathematics courses. In this course, students will study linear, quadratic, and exponential functions and make connections to both mathematical and real-world situations. Students will solve linear systems and create new functions through transformations; use technology to collect and analyze data; and study polynomials, radical expressions, sequences, and laws of exponents. The use of a graphing calculator is considered an integral part of the course and will be used to build understanding, make connections between representations, and provide support in solving problems. Students will have access to a graphing calculator as appropriate during instruction in the classroom. ***Prerequisite: Grade 8 Math or Equivalent***

830 GEOMETRY **03100700**	**Yearlong** **Grade 10** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, in this course students will build on knowledge and skills from previous math courses to strengthen their mathematical reasoning and skills in geometric contexts. Concepts that will be covered in this course include coordinate and transformational geometry; logical argument and constructions; congruence, similarity, and trigonometry; two and three-dimensional figures; circles; and probability. Students will have access to a graphing calculator as appropriate during instruction in the classroom. ***Prerequisite: Algebra I***
831 ALGEBRA II **03100600**	**Yearlong** **Grade 11** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, in Algebra II, students will broaden their knowledge of quadratic and exponential functions and systems of equations. Students will explore new functions including logarithmic, square root, cubic, cube root, absolute value, and rational functions. Students will extend their knowledge of data analysis, numeric, algebraic methods, and make connections to both mathematical and real-world situations. The use of a graphing calculator is considered an integral part of the course and will be used to build understanding, make connections between representations, and provide support in solving problems. Students will have access to a graphing calculator as appropriate during instruction in the classroom. ***Prerequisite: Algebra I***
833 MATH MODELS **03102400**	**Yearlong** **Grade 10-11** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, Mathematical Models with Applications provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. The use of a graphing calculator is considered an integral part of the course and will be used to build understanding, make connections between representation, and provide support in solving problems. Students will have access to a graphing calculator as appropriate during instruction in the classroom. ***Prerequisite: Algebra I***
834 BIOLOGY **03010200**	**Yearlong** **Grade 9-10** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, In Biology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.
835 INTEGRATED PHYSICS AND CHEMISTRY (IPC) **03060201**	**Yearlong** **Grade 9-10** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, in Integrated Physics and Chemistry, students conduct laboratory and field investigations, use scientific methods during investigation, and make informed decisions using critical-thinking and scientific problem-solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter.

837 ENVIRONMENTAL SYSTEMS **03020000**	**Yearlong** **Grade 11** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, in Environmental Systems, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in the environments.
863 CHEMISTRY **03040000**	**Yearlong** **Grade 11** **Credit 1** **Weight 1.0**	As determined by an ARD Committee, in Chemistry, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives. ***Prerequisite: One unit of high school science and Algebra I***
101I ENGLISH I **03220100**	**Yearlong** **Grade 9** **Credit 1** **Weight 1.0**	Instruction is within the context of related reading, writing, speaking, and listening with appropriate skill development in composition, literature, language and reading. Care is taken to ensure a balance among components so that the student receives instruction in all areas.
102I ENGLISH II **03220200**	**Yearlong** **Grade 10** **Credit 1** **Weight 1.0**	Instruction in this course includes a balance of reading, writing, speaking, and listening with appropriate skill development in composition, literature, grammar and use.
103I ENGLISH III **03220300**	**Yearlong** **Grade 11** **Credit 1** **Weight 1.0**	Instruction includes a balance of reading, writing, speaking, and listening with appropriate skill development in composition, American literature, language usage and reading.
104I ENGLISH IV **03220400**	**Yearlong** **Grade 12** **Credit 1** **Weight 1.0**	Instruction in this course includes a balance of reading, writing, speaking, and listening with appropriate skill development in composition, language, and reading. Literature pieces are chosen for their thematic connections and for real world relevance.

LIFE SKILLS

901 ENGLISH 1 **03220107** **902 ENGLISH 2** **03220207** **903 ENGLISH 3** **03220300** **904 ENGLISH 4** **03220400**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course is designed for students who require an alternate curriculum to teach functional English utilizing the essence statements of the TEKS. The course will include functional English in the areas of basic grammar, spelling, handwriting, letter recognition, listening skills, following directions and additional areas as specified in students Individualized Education Program
905 READING 1 **03270700** **906 READING 2** **03270800** **907 READING 3** **03270900**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course is designed for students who require an alternate curriculum to teach functional Reading utilizing the essence statements of the TEKS. The course will include functional English in the areas of basic grammar, spelling, handwriting, letter recognition, listening skills, following directions and additional areas as specified in students Individualized Education Program
911 ALGEBRA **03100507** **912 GEOMETRY** **03100700** **913 MATH MODELS** **03102400** **914 ALGEBRA 2** **03100600** **915 ALGEBRAIC REASONING** **03102540**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course is designed for students who require an alternate curriculum to teach functional Math utilizing the essence statements of the TEKS. The course will include functional Math in the areas of basic computation, measurement, numeration, time, money management and additional areas as specified in students Individualized Education Program.
921 WORLD GEOGRAPHY **03320100** **923 US HISTORY** **03340107**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course is designed for students who require an alternate curriculum to teach functional Social Studies utilizing the essence statements of the TEKS. The course will include functional Social Studies in the areas historical and current events, politics, forms of government, cultures, good and services, and additional areas as specified in students Individualized Education Program.
925 GOVERNMENT **03330100** **926 ECONOMICS FREE ENTERPRISE** **03310300**	**Semester** **Grade 9-12** **Credit .5** **Weight 1.0**	This course is designed for students who require an alternate curriculum to teach functional Social Studies utilizing the essence statements of the TEKS. The course will include functional Social Studies in the areas historical and current events, politics, forms of government, cultures, good and services, and additional areas as specified in students Individualized Education Program.
931 BIOLOGY **03010207** **932 CHEMISTRY** **03040000** **933 INTEGRATED PHYSICS &**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course is designed for students who require an alternate curriculum to teach functional Science utilize the essence statements of the TEKS. The course will include functional academics in the areas of food, nutrition, human function and ecology and additional areas as specified in students Individualized Education Program.

CHEMISTRY (IPC) **03060201** **934 ENVIRONMENTAL SYSTEMS** **03020000** **935 AQUATIC SCIENCE** **03030000**		
940 MAKING CONNECTIONS **N1290332** **941 MAKING CONNECTIONS II** **N1290333** **942 MAKING CONNECTIONS III** **N1290334** **943 MAKING CONNECTIONS IV** **N1290335**	**Yearlong** **Grade 9-12** **Credit .5** **Weight 1.0**	The Making Connections course sequence serves students who have an autism spectrum disorder or a related disorder such as social (pragmatic) communication disorder which causes them to have difficulty with social skills. The courses also assist the students with developing and generalizing appropriate and beneficial social skills and in turn increases that student's post-secondary outcome ***Available for students in Resource and Behavior Academic Classrooms***
944 METHODOLOGY ACADEMIC AND PERSONAL SUCCESS (MAPS) **N1130021**	**Yearlong** **Grade 9-10** **Credit 1** **Weight 1.0**	The course focuses on the skills and strategies necessary for students to make a successful transition into high school and academic career. Students will explore the options available in high school, higher education, and the professional world in order to establish both immediate and long-range personal goals. The course emphasizes proactive problem-solving, self-determination, and independent thinking and learning skills. In addition, students will explore and experience collaboration as a tool for creative problem solving. As part of goal setting and leadership activities, students may complete an outside community service-learning experience in addition to class assignments. ***Available for students in Resource and Behavior Academic Classrooms***
951 LIFE SKILLS 1 **85000DL1** **952 LIFE SKILLS 2** **85000DL2** **953 LIFE SKILLS 3** **85000DL3** **954 LIFE SKILLS 4** **85000DL4** **955 LIFE SKILLS 5** **85000DL5** **956 LIFE SKILLS 6** **85000DL6** **957 LIFE SKILLS 7** **85000DL7**	**Yearlong** **Grade 9-12** **Credit 1** **Local Credit** **No Weight**	This course is designed for students who require an alternate curriculum to teach functional skills. Students will learn about the importance of nutrition, health and safety, community participation and additional areas as specified in students' Individualized Education Program.

971 RECREATION AND LEISURE 1 **85000RL1** **972 RECREATION AND LEISURE 2** **85000RL2** **973 RECREATION AND LEISURE 3** **85000RL3** **974 RECREATION AND LEISURE 4** **85000RL4** **975 RECREATION AND LEISURE 5** **85000RL5** **976 RECREATION AND LEISURE 6** **85000RL6** **977 RECREATION AND LEISURE 7** **85000RL7**	**Yearlong** **Grade 9-12** **Credit 1** **Local Credit** **No Weight**	This course is designed to help students develop the skills necessary to enable students to participate in recreational and leisure activities both independently and with family and friends, as they desire. Recreation and Leisure activities are introduced to students, and participation in these activities helps them to determine if it is something they want to continue to participate in now and into adult life.
979 PERSONAL HEALTH 1 **85000XXX** **980 PERSONAL HEALTH 2** **85000XXX** **981 PERSONAL HEALTH 3** **85000XXX** **982 PERSONAL HEALTH 4** **85000XXX**	**Yearlong** **Grade 9-12** **Credit 1** **Local Credit** **No Weight**	This course is designed to develop skills needed to maintain personal health. Instruction in the areas of feeding, toileting, dressing, grooming, safety, nutrition, wellness, and self-concept will be addressed.
909 GENERAL EMPLOYABILITY SKILLS **N1270153**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course provides students with knowledge of the prerequisite skills for general employment as well as the means of obtaining those skills. This course also includes the knowledge, skills, and attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong members of the work team. Discovering job possibilities that link skills, abilities, interests, values, needs and work environment preferences is a part of the process of obtaining employability skills and abilities and is experiential learning that takes place of time. ***Available for students in Resource and Behavior Academic Classrooms.***
985 CAREER EXPLORATION 1 **85000XXX** **986 CAREER EXPLORATION 2** **85000XXX**	**Yearlong** **Grade 9-12** **Credit 1** **Local Credit** **No Weight**	This course is designed to assist students with exploring careers and occupations, attributes, and aptitude necessary to gain employment in a particular occupation, developing skills necessary to make meaningful decisions about a career choice and strategies to transition from a school environment to a work and/or volunteer environment. Students will participate in

987 CAREER EXPLORATION 3 **85000XXX** **988 CAREER EXPLORATION 4** **85000XXX**		activities such as formal and informal presentations, resume writing and mock interviewing. Formal career planning and development of knowledge regarding transition planning begins in this course.
961 OCCUPATIONAL PREPARATION 1 **85000XXX**	**Yearlong** **Grade 9-12** **Credit 1** **Local Credit** **No Weight**	This course is designed to introduce students to the fundamental attitudes, behaviors, and habits needed to obtain, maintain and function in an occupation. Students will participate in school-based learning activities including work ethic development and job-seeking.
983 WORK BASED LEARNING 1 **85000XXX** **984 WORK BASED LEARNING 2** **85000XXX**	**Yearlong** **Grade 11-12** **Credit 2** **Local Credit** **No weight**	This course is designed to further develop skills needed to maintain and function in a work setting. Students will engage in educational experiences that integrate classroom learning (school-based) with structured work experiences in the community. Formal career planning and development of knowledge regarding transition planning continues in this course. ***Prerequisite: Career Exploration and Occupational Preparation***
950 ADULT YEARS PROGRAM 1 (AYP 1) **85000XXX** **958 ADULT YEARS PROGRAM 2 (AYP 2)** **85000XXX** **969 ADULT YEARS PROGRAM 3 (AYP 3)** **85000XXX** **978 ADULT YEARS PROGRAM 4 (AYP 4)** **85000XXX**	**Yearlong** **Grade 12** **Credit 1** **Local Credit** **No Weight**	This course is designed for students who have completed all required credits for graduation and state assessment requirements. This course addresses Transition Services for adult students who show the educational need for additional employability and self-help skills directly related to preparation for employment, including general skills necessary to obtain and/or retain competitive, supported or sheltered employment. The purpose of this program is to provide intensive transition experiences and training in real-life settings to provide preparation for their postsecondary goal. An important feature of this program is that the students are not participating in a traditional high school schedule; instead, programing is based on preparation for their postsecondary goal. ***Prerequisite: Completion of High School credits.***

ENDORSEMENTS & PROGRAMS OF STUDY

Texas high school students have greater flexibility and choice in their high school course selections. Each student is required to complete the basic courses called the foundation requirements. In addition, students now choose specialized coursework to earn an endorsement.

The five endorsements are: Multidisciplinary Studies, Arts & Humanities, Business& Industry, Public Service, and STEM (Science, Technology, Engineering, and Mathematics). Students can choose an endorsement by completing requirements for the endorsement including 4 credits in both math and science and 2 additional elective credits. There are several programs of study available under the 5 endorsements that students can choose from. These programs of study are organized into "career clusters." Students may also earn a Distinguished Level of Achievement Designation and a Performance Acknowledgement.

STEM	Business & Industry	Public Service	Arts & Humanities	Multidisciplinary Studies
*Biomedical *Programming & Software Development *Cybersecurity *Engineering *Math *Science ***must complete Algebra II, Chemistry and Physics**	*Advanced Manufacturing *Agriculture *Animation *Digital Communications *Business Management *Carpentry *Culinary Arts *Graphic Design *Marketing & Sales *Welding *Debate *Newspaper *Speech *Yearbook	*Cosmetology *Education & Training *Family & Community Services *Health Science *Law Enforcement *Legal Studies *ROTC *History	*Art *Band *Choir *Orchestra *Theater Arts *English *Languages other than English *Social Studies	<u>Advanced Courses:</u> *English *Math *Science *Social Studies *Languages other than English

Clusters, Endorsements and Programs of Study

Cluster (17)	Endorsement (5)	Programs of Study- Major or Minor (Vary by Campus)
Agriculture, Food and Natural Resources	Business and Industry Endorsement	**Animal Science** -J **Plant Science**-J **Agricultural Technology & Mechanical Systems** -J
Architecture and Construction	Business and Industry Endorsement	**Carpentry**- W
Arts, Audio-Video Technology and Communications	Business and Industry Endorsement	**Animation**- J **Digital Communication**- J **Video Game Design**- J **Graphic Design**-J, W, V
Arts and Humanities	Arts and Humanities Endorsement	**Art** –J, W, V **Advanced Social Studies**– J, W, V **World Languages** –J, W, V **Theater** –J, W, V **Music** –J, W, V **Dance** –J, W, V **Band** –J, W, V
Business, Marketing and Finance	Business and Industry Endorsement	**Business Management-** J, W, V **Marketing & Sales**- J, W, V
Education and Training	Public Service Endorsement	**Teaching and Training-** J, W, V
Engineering	STEM Endorsement* or Business and Industry Endorsement	**Engineering Foundations -** W
Junior Reserve Officer Training Corps	Public Service Endorsement	**JROTC –** J, W, V

Health Science	STEM Endorsement* or Public Service Endorsement	**Bio-Medical Science –** J
Health Science	Public Service Endorsement	**Diagnostic & Therapeutic Services –** J
Hospitality and Tourism	Business and Industry Endorsement	**Culinary Arts** –W
Human Services	Public Service Endorsement	**Cosmetology** –V **Human Services –** J
Information Technology	Business and Industry Endorsement or STEM Endorsement*	**Cybersecurity-**V **Programming and Software Development** -V
Junior Reserve Officer Training Corps	Public Service Endorsement	**JROTC –** J, W, V
Law and Public Service	Public Service Endorsement	**Law Enforcement -** J, W, V **Legal Studies -** V
Manufacturing	Business and Industry Endorsement	**Welding -** W **Robotics and Automation Technology -** W
Multi-Disciplinary Studies	Multi-Disciplinary Studies Endorsement	**Communications, Broadcast Journalism, Yearbook, Newspaper, public Speaking**- J, W, V
Science, Technology, Engineering and Mathematics	STEM Endorsement*	**Advanced Math-** J, W, V **Advanced Science-** J, W, V
Transportation, Distribution and Logistics	Business and Industry Endorsement	**Automotive and Collision Repair-** J

Campus Key

Judson- J
Wagner-W
Veterans Memorial – V

Career & Technical Education

High School Program Guide

2024 – 2025

CAREER & TECHNICAL EDUCATION DEPARTMENT

Career and Technical Education (CTE) prepares students for post-secondary education and a globally competitive workforce through rigorous and relevant academic, technical, career and character education programs. Career and Technical Education programs offer a sequence of courses that provides students with coherent content that 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. Why are CTE programs a great option for secondary students? CTE educates students for a range of career options through 12 career clusters and 23 programs of study at JISD. CTE features high school and postsecondary partnerships, enabling clear pathways to certifications and degrees. CTE fulfills employer needs that are high skill, high wage, and in high demand. CTE prepares student to be college and career-ready by providing core academic skills, employability skills, and technical job-specific skills. Students in these programs have opportunities to participate in internships or job shadowing experiences and acquire industry-based certifications.

CERTIFICATION/LICENSE PREPARATION PROGRAMS

Industry-based certifications are important components of Career & Technical Education programs and are gaining importance in the business world as evidence of skill attainment; hundreds of certifications are available, and more are introduced each year. Earning a certification has many benefits; it gives students a sense of accomplishment by obtaining a highly valued professional credential and helps make them more employable with higher starting salaries.

Judson ISD has aligned numerous programs of study with industry certifications and licenses, thereby providing students with opportunities to earn nationally recognized, industry current credentials. These certifications and licenses are identified within each program of study. Information on the certifications/Licenses in the programs are available in each respective high school Career Center.

Agriculture, Food & Natural Resources

ANIMAL SCIENCE

Judson High School

T101 PRINCIPLES OF AGRICULTURE, FOOD, & NATURAL RESOURCES **13000200**	**Yearlong** **Level 1** **Grade 9** **Credit 1** **Weight 1.0**	Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.
T110 SMALL ANIMAL MANAGEMENT **13000400**	**Semester** **Level 2** **Grade 10-12** **Credit .5** **Weight 1.0**	Small Animal Management, students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds. ***Recommended Prerequisite: Principles of Agriculture, Food, and Natural Resources***
T113 EQUINE SCIENCE **13000500**	**Semester** **Level 2** **Grade 10-12** **Credit .5** **Weight 1.0**	In Equine Science students will acquire knowledge and skills related to equine animal systems and the quine industry. Equine Science may address topics related to horses, donkeys and mules. ***Recommended Prerequisite: Principles of Agriculture, Food and Natural Resources***
T111 VETERINARY MEDICAL APPLICATIONS/LAB **13000610**	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species. ***Prerequisite: Small Animal Management, or Livestock Production.***
T109 ADVANCED ANIMAL SCIENCE **13000700**	**Yearlong** **Level 4** **Grade 11-12** **Credit 1** **Weight 1.0**	Advanced Animal Science examines the interrelatedness of human scientific technological dimensions livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. ***Prerequisite: Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either, Small Animal Management, or Livestock Production.***
T137 PRACTICUM OF AFNR - ANIMAL SCIENCE **13002505**	**Yearlong** **Level 4** **Grade 11-12** **Credit 3** **Weight 1.0**	This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. ***Prerequisite: Vet Med Applications***
T138 PRACTICUM OF AFNR - ANIMAL SCIENCE **(2nd time taken)** **13002515**	**Yearlong** **Level 4** **Grade 11-12** **Credit 3** **Weight 1.0**	This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences. The practicum course is a paid or unpaid capstone experience. ***Prerequisite: T137 Practicum of AFNR***

PLANT SCIENCE - HORTICULTURE

Judson High School

T101 PRINCIPLES OF AGRICULTURE, FOOD, & NATURAL RESOURCES 13000200	**Yearlong** **Level 1** **Grade 9** **Credit 1** **Weight 1.0**	Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.
T121 GREENHOUSE OPERATIONS 13002050	**Yearlong** **Level 2** **Grade 10-12** **Credit 1** **Weight 1.0**	Greenhouse Operations is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must 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. ***Recommended Prerequisite: Principles of Agriculture, Food and Natural Resources***
T122 HORTICULTURE SCIENCE/LAB 13002010	**Yearlong** **Level 3** **Grade 11-12** **Credit 2** **Weight 1.0**	Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry. ***Recommended Prerequisite: Greenhouse Operations***
T134 PRACTICUM AFNR PLANT SCIENCE 13002500	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. ***Prerequisite: two or more courses from the Plant Science Program of Study.***

PLANT SCIENCE – FLORAL DESIGN

Judson High School

T101 PRINCIPLES OF AGRICULTURE, FOOD, & NATURAL RESOURCES 13000200	**Yearlong** **Level 1** **Grade 9** **Credit 1** **Weight 1.0**	Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.
T121 GREENHOUSE OPERATIONS 13002050	**Yearlong** **Level 2** **Grade 10-12** **Credit 1** **Weight 1.0**	Greenhouse Operations is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must 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. ***Recommended Prerequisite: Principles of Agriculture, Food and Natural Resources***
T119 FLORAL DESIGN 13001800	**Yearlong** **Level 3** **Grade 10-12** **Credit 1** **Weight 1.0**	Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. ***Note: This course satisfies a fine arts credit requirement for students on the Foundation High School Program.***
T118 ADVANCED FLORAL DESIGN N1300270	**Yearlong** **Level 4** **Grade 11-12** **Credit 1** **Weight 1.0**	In Advanced Floral Design, students build on knowledge from the Floral Design course with an emphasis on specialty designs and occasion planning. Through the analysis and evaluation of various occasion and event types, students explore design needs and client expectations. In addition, students learn the importance of budgetary adherence and entrepreneurship as well as the foundation skills needed to effectively run a small business. ***Prerequisite: Floral Design***
T134 PRACTICUM AFNR PLANT SCIENCE 13002500	**Yearlong** **Level4** **Grade 11-12** **Credit 2** **Weight 1.0**	This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a paid or unpaid capstone experience. ***Prerequisite: two or more courses from the Plant Science Program of Study.***

AGRICULTURAL TECHNOLOGY& MECHANICAL SYSTEMS

Judson High School

T101 PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES 13000200	**Yearlong** **Level 1** **Grade 9** **Credit 1** **Weight 1.0**	Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.
T133 AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES 13002200	**Yearlong** **Level 2** **Grade 9-10** **Credit 1** **Weight 1.0**	Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.
T132 AGRICULTURAL STRUCTURES DESIGN AND FABRICATION 13002300	**Yearlong** **Level 3** **Grade 10-12** **Credit 1** **Weight 1.0**	In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. ***Recommended Prerequisites: Agricultural Mechanics and Metal Technologies***
T103 AGRICULTURAL EQUIPMENT DESIGN & FABRICATION/LAB 13002360	**Yearlong** **Level 3** **Grade 11-12** **Credit 2** **Weight 1.0**	In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural equipment design and fabrication. ***Recommended Prerequisites: Agricultural Structures Design and Fabrication***
T130 AGRICULTURAL POWER SYSTEMS/LAB 13002400	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	Students will develop an understanding of energy sources, small and large power systems and agricultural machinery. They will acquire technical knowledge and skills related to power, structural and technical agricultural systems in the workplace. In addition, they will gain knowledge of industry certifications and expectations. ***Recommended Prerequisites: Agricultural Structures Design and Fabrication***
T136 PRACTICUM AFNR – MECHANICAL SYSTEMS 13002500	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a paid or unpaid capstone experience. ***Prerequisite: two or more courses from the Applied Agricultural Engineering Program of Study.***

Architecture and Construction

CARPENTRY

Wagner High School

T710 PRINCIPLES OF CONSTRUCTION TECHNOLOGY 13004220	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	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.
T719 ELECTRICAL TECHNOLOGY I 13005600	**Yearlong** **Level 2** **Grade 10-11** **Credit 1** **Weight 1.0**	In Electrical Technology I, students will gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools codes, installation of electrical equipment and the reading of electrical drawings, schematics and specifications. ***Recommended Prerequisite: Principles of Construction***
T705 CONSTRUCTION TECHNOLOGY I 13005100	**Yearlong** **Level 2** **Grade 9-10** **Credit 2** **Weight 1.0**	In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. For safety and liability considerations, limiting course enrollment to 15 students is recommended per class. ***Prerequisite: Principles of Construction***
T706 CONSTRUCTION TECHNOLOGY II 13005200	**Yearlong** **Level 3** **Grade 10-12** **Credit 2** **Weight 1.0**	In Construction Technology II, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills. For safety and liability considerations, limiting course enrollment to 15 students is recommended. ***Prerequisite: Construction Technology I***
T724 PRACTICUM IN CONSTRUCTION TECHNOLOGY 13005250	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	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. ***Prerequisite: Construction Technology II.***

Arts, Audio/Video Technology & Communications

GRAPHIC DESIGN & INTERACTIVE MEDIA ANIMATION

Judson High School

T330 PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATION **13008200**	**Yearlong** **Level 1** **Grads 9-10** **Credit 1** **Weight 1.0**	In this course, students will be introduced to the context of arts, audio/video technology and communication systems. They will learn of the various career opportunities in this cluster and the knowledge, skills, and education requirements for those opportunities
T322 ANIMATION I **13008300**	**Yearlong** **Level 2** **Grads 9-10** **Credit 1** **Weight 1.0**	Careers in animation span all aspects of motion graphics. In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the history and techniques of the animation industry. ***Prerequisite: Principles of Arts/AV or Digital Media***
T329 ANIMATION II/LAB **13008410**	**Yearlong** **Level 3** **Grades 10-11** **Credit 2** **Weight 1.0**	Students will be expected to create two-and three-dimensional animations. The instruction also assists students seeking careers in the animation industry. They will build on skills previously learned to create original animation projects. In addition, they will use a variety of hardware and software to collaborate and create projects and presentations. ***Prerequisite: Animation I***
T331 PRACTICUM IN ANIMATION **13008450**	**Yearlong** **Level 4** **Grads 11-12** **Credit 2** **Weigh 1.0**	Careers in animation span all aspects of motion graphics. Students will an increasing understanding of the industry with a focus on applying pre-production, production, and post-production animation principles in a professional environment ***Prerequisite: Animation II/Lab***

GRAPHIC DESIGN & INTERACTIVE MEDIA
GRAPHIC DESIGN

Judson High School - Wagner High School - Veterans Memorial High School

T330 PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATION 13008200 **JHS ONLY**	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	In this course, students will be introduced to the context of arts, audio/video technology and communication systems. They will learn of the various career opportunities in this cluster and the knowledge, skills, and education requirements for those opportunities.
T328 DIGITAL MEDIA 13027800 **WHS & VMHS ONLY**	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	In Digital Media, 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 enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment. ***Prerequisite: Principles of Arts/AV or Digital Media***
T324 GRAPHIC DESIGN & ILLUSTRATION I 13008800	**Yearlong** **Level 2** **Grade 10-12** **Credit 1** **Weight 1.0**	Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.
T327 GRAPHIC DESIGN & ILLUSTRATION II/ LAB 13008910	**Yearlong** **Level 3** **Grade 11-12** **Credit 2** **Weight 1.0**	Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Students will develop advanced technical knowledge and skills in visual art and design using a variety of hardware and software. In addition, they will create and present projects and work collaboratively to design for specific clients. ***Prerequisite: Graphic Design and Illustration I***
T326 PRACTICUM IN GRAPHIC DESIGN & ILLUSTRATION 13009000	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. ***Prerequisite: Graphic Design and Illustration II***

GRAPHIC DESIGN & INTERACTIVE MEDIA
VIDEO GAME DESIGN

Judson High School

T330 PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATION 13008200	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	In this course, students will be introduced to the context of arts, audio/video technology and communication systems. They will learn of the various career opportunities in this cluster and the knowledge, skills, and education requirements for those opportunities
T332 VIDEO GAME DESIGN 13009970	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	Video Game Design will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.
T334 VIDEO GAME PROGRAMMING N1300994	**Yearlong** **Level 2** **Grade 10-11** **Credit 1** **Weight 1.0**	Video Game Programming expands on the foundation created in Video Game Design through programming languages such as: C# programming, XNA game studio, Java, and Android App. In this course, students will investigate the inner workings of a fully functional role-playing game (RPG) by customizing playable characters, items, maps, and chests and eventually applying customizations by altering and enhancing the core game code. ***Prerequisite: Video Game Design***
T333 ADVANCED VIDEO GAME PRODUCTION N1300995	**Yearlong** **Level 3** **Grade 11-12** **Credit 1** **Weight 1.0**	Students will be introduced to mobile application design and programming using Eclipse for Android devices. Students will learn basic Java programming and working with Android Studio to develop real working apps. ***Prerequisite: Video Game Programming***

DIGITAL COMMUNICATIONS

Judson High School

T330 PRINCIPLESOF ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATION 13008200	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	In this course, students will be introduced to the context of arts, audio/video technology and communication systems. They will learn of the various career opportunities in this cluster and the knowledge, skills, and education requirements for those opportunities.
T853 AUDIO/VIDEO PRODUCTION I 13008500	**Yearlong** **Level 2** **Grade 10-12** **Credit 1** **Weight 1.0**	In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products. In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products. ***Prerequisite: Principles of Arts/AV or Digital Media***
T338 AUDIO/VIDEO PRODUCTION II/ LAB 13008610	**Yearlong** **Level 3** **Grade 11-12** **Credit 2** **Weight 1.0**	In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products. Requiring a lab requisite for the course affords necessary time devoted specifically to the production and post-production process. ***Prerequisite: Audio/Video Production I***
T855 PRACTICUM IN AUDIO/VIDEO PRODUCTION 13008700	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	Building upon the concepts taught in Audio/Video Production II and its co- requisite Audio/Video Production II Lab, in addition to developing advanced technical knowledge and skills needed success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. ***Prerequisite: Audio/Video Production II/Lab***

Business, Marketing & Finance

BUSINESS MANAGEMENT

Judson High School-Wagner High School-Veterans Memorial High School

T200 PRINCIPLES OF BUSINESS, MARKETING, & FINANCE **13011200**	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	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 settings in business, marketing, and finance.
T300 BUSINESS INFORMATION MANAGEMENT I **13011410**	**Yearlong** **Level 1** **Grade 9-12** **Credit 1** **Weight 1.0**	Business Information Management I, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.
T305 BUSINESS INFORMATION MANAGEMENT II **13011500**	**Yearlong** **Level 2** **Grade 10-12** **Credit 1** **Weight 1.0**	In Business Information Management II, students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software. ***Prerequisite: Business Information Management I (BIMI)***
T201 ACCOUNTING I **13016600** **(VMHS ONLY)**	**Yearlong** **Level 2** **Grade 10-12** **Credit 1** **Weight 1.0**	In Accounting I, students will investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, social, legal and ethical factors. Students will reflect on this knowledge as they engage in recording, classifying, summarizing, analyzing and communicating accounting information. They will formulate and interpret financial information for use in management decision making.
T213 BUSINESS LAW **13012100**	**Yearlong** **Level 2** **Grade 10-12** **Credit 1** **Weight 1.0**	Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.
T203 BUSINESS MANAGEMENT **13012100**	**Yearlong** **Level 3** **Year** **Grade 11-12** **Credit 1** **Weight 1.0**	Business Management is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project- management skills.
T811 PRACTICUM OF ENTREPRENEURSHIP-BUSINESS **N1303425**	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	The Practicum in Entrepreneurship provides students the opportunity to apply classroom learnings and experiences to real-world business problems and opportunities, while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. ***Prerequisite: Two courses in the Business program of study***

MARKETING & SALES

Judson High School-Wagner High School-Veterans Memorial High School

T200 PRINCIPLES OF BUSINESS, MARKETING, & FINANCE **13011200**	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	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.
T808 SPORTS AND ENTERTAINMENT MARKETING **13034600**	**Semester** **Level 2** **Grade 10-12** **Credit .5** **Weight 1.0**	Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies
T809 SPORTS AND ENTERTAINMENT MARKETING II **13034600**	**Semester** **Level 3** **Grade 10-12** **Credit .5** **Weight 1.0**	Sports and Entertainment Marketing II is an advanced course designed to build upon students' prior knowledge of sports and entertainment marketing. Students will develop a thorough understanding of advanced marketing concepts and theories as they relate to the sports and entertainment industries. ***Prerequisite: Sports & Entertainment Marketing I***
T813 INTRODUCTION TO EVENT AND MEDIA PLANNING **N1302269**	**Yearlong** **Level 3** **Grade 10-12** **Credit 1** **Weight 1.0**	Students will gain a comprehensive understanding of the fundamentals of the meetings, conventions, events and exposition industries. They will review the roles of the organizations and people involved in the businesses that comprise the Meetings, Events, Expositions and Convention (MEEC) industry.
T812 FUNDAMENTALS OF REAL ESTATE **N1301120** **(WHS ONLY)**	**Yearlong** **Level 3** **Grade 11-12** **Credit 2** **Weight 1.0**	In this course, students study the curriculum necessary to complete the pre-licensure education requirements of the Texas Real Estate Commission (TREC) to obtain a real estate salesperson license. Includes the following TREC course materials: Principles of Real Estate I & II, Law of Contracts, Law of Agency, Real Estate Finance, & Promulgated Contract Forms.
T805 ADVANCED MARKETING **13034700**	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	Students will gain knowledge and skills that help them become proficient in multiple areas of marketing including use of program including the importance of emerging trends and technologies, professional communication and customer-service skills. They will develop and understanding of the roles of management, the need for continuing professional and career development as well as the components of the marketing research process.
T810 PRACTICUM OF ENTREPRENEURSHIP MARKETING **N1303425**	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	The Practicum in Entrepreneurship provides students the opportunity to apply classroom learnings and experiences to real-world business problems and opportunities, while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest.

EDUCATION AND TRAINING

TEACHING & TRAINING

Judson High School-Wagner High School-Veterans Memorial High School

T502 PRINCIPLES OF EDUCATION & TRAINING **13014200**	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	Principles of Education and Training is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self-knowledge as well as educational and career information to analyze various careers within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.
T506 CHILD DEVELOPMENT **13024700**	**Yearlong** **Level 2** **Grade 9-10** **Credit 1** **Weight 1.0**	Child Development is a technical laboratory course that addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children. ***Recommended Prerequisite: Principles of Education and Training***
T507 INSTRUCTIONAL PRACTICES **13014400**	**Yearlong** **Level 3** **Grade 11-12** **Credit 2** **Weight 1.0**	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 and high school aged students. ***Prerequisite: Child Development***
T508 PRACTICUM IN EDUCATION & TRAINING EXT. **13014505**	**Yearlong** **Level 4** **Grade 11-12** **Credit 3** **Weight 1.0**	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. ***Prerequisite: Instructional Practices***

ENGINEERING

ENGINEERING FOUNDATIONS

Wagner High School

T901 PRINCIPLES OF APPLIED ENGINEERING 13036200	**Yearlong** **Level 1** **Grade 9** **Credit 1** **Weigh 1.0**	Students will develop engineering skills which include computer graphics, modeling and presentations using a variety of hardware and software applications to complete assignments and projects. Students will work on a design team to develop a product or a system using the design process and prototype development, planning, executing, monitoring, controlling and closing a project.
T902 MANUFACTURING ENGINEERING TECHNOLOGY 1 13032900	**Yearlong** **Level 2** **Grade 10-11** **Credit 1** **Weight 1.0**	Students will gain knowledge and skills in the application, design, production and assessment of products, services and engineering systems. The study of manufacturing engineering will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of activities problems and settings, preparing for success in the global economy. ***Prerequisites: Algebra I***
T921 ENGINEERING SCIENCE 13037500	**Yearlong** **Level 3** **Grade 11-12** **Credit 1** **Weight 1**	Advanced math and science problem solving skills are used in various design applications throughout this course. Computer integrated manufacturing utilizes the principals developed in introduction to engineering design. Students use automation, control systems sensing devices, computer programming and robotics to produce products. The course emphasizes trouble shooting and design efficiency***.*** ***Prerequisites: Algebra I, Biology, and one credit in STEM***
T919 AEROSPACE ENGINEERING N1303745 (PLTW)	**Yearlong** **Level 3** **Grade 11-12** **Credit 1** **Weight 1.0**	Advanced math and science problem solving skills are used in various design applications throughout this course. This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring concepts to life by designing an airfoil, propulsion system and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.
T914 PRACTICUM IN SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS 13037400	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	The course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience ***Prerequisites: Algebra I & Geometry***

Health Science

DIAGNOSTIC AND THERAPEUTIC SERVICES
PATIENT CARE TECHNICIAN
CERTIFIED CLINICAL MEDICAL ASSISTANT

Judson High School

T601 PRINCIPLES OF THERAPEUTIC HEALTHCARE N1302110	**Yearlong** **Grade 9-10** **Credit 1** **Weight 1.0**	Principles of Therapeutic Health Care will provide students with an overview of the knowledge, skills and abilities associated with careers within the therapeutic pathway of the health care industry. These careers include direct patient care jobs, rehabilitation and jobs caring for individuals with physical and developmental delays.
T604 MEDICAL TERMINOLOGY 13020300	**Yearlong** **Grade10-11** **Credit 1** **Weight 1.0**	The Medical Terminology course is designed to forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.
T615 HEALTH SCIENCE THEORY 13020400	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. ***Prerequisites: Principles of Health Science and Biology***
T405 ANATOMY & PHYSIOLOGY 13020600	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. ***Prerequisite: Biology and a second science credit.***
T404 PATHOPHYSIOLOGY 13020800	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology. Students should know that some questions are outside the realm of science because they deal with phenomena that are not scientifically testable. ***Prerequisite: Biology and Chemistry.***
T602 PRACTICUM IN HEALTH SCIENCE – PATIENT CARE (PCT) TECHNICIAN 13020505	**Yearlong** **Grade 12** **Credit 3** **Weight 1.0**	The Practicum in Health Science courses are designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. This practicum leads to an industry-based certification student can acquire as part of the course. Students are encouraged to participate in extended learning experiences such as career and

		technical student organizations and other leadership or extracurricular organizations ***Prerequisite: Principles of Health Science, Health Science Theory, and Biology.*** ***Basic Information:*** *PCTs play a vital role in patient care in hospitals, doctor's offices, nursing homes, or long-term care facilities. Students will have opportunities to work alongside with nurses. Duties include drawing blood, takin vitals, performing CPR, and much more.*
T616 PRACTICUM IN HEALTH SCIENCE– CERTIFIED CLINICAL MEDICAL ASSISTANT 13020505	**Yearlong** **Grade 12** **Credit 3** **Weight 1.0**	The Practicum in Health Science courses are designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. This practicum leads to an industry- based certification students can acquire as part of the course. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. ***Prerequisite: Principles of Health Science, Medical Terminology, Health Theory, and Biology.*** ***Basic Information:*** *CCMAs take care of patient needs and carry out any orders the doctors may have. Their duties include taking vital signs, drawing blood, and administering medication.*

DIAGNOSTIC AND THERAPEUTIC SERVICES
REGISTERED DENTAL ASSISTANT

Judson High School

T601 PRINCIPLES OF THERAPEUTIC HEALTHCARE N1302110	**Yearlong** **Grade 9-10** **Credit 1** **Weight 1.0**	Principles of Therapeutic Health Care will provide students with an overview of the knowledge, skills and abilities associated with careers within the therapeutic pathway of the health care industry. These careers include direct patient care jobs, rehabilitation and jobs caring for individuals with physical and developmental delays
T604 MEDICAL TERMINOLOGY 13020300	**Yearlong** **Grade10-11** **Credit 1** **Weight 1.0**	The Medical Terminology course is designed to forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.
T609 HEALTH SCIENCE THEORY/CLINICAL DENTAL 13020410	**Yearlong** **Level 3** **Grade 11-12** **Credit 2** **Weight 1.0**	The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. ***Prerequisite: Biology***
T405 ANATOMY & PHYSIOLOGY 13020600	**Yearlong** **Level 3** **Grade 11-12** **Credit 1** **Weight 1.0**	The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. ***Prerequisite: Biology and a second science credit.***
T608 PRACTICUM IN HEALTH SCIENCE/ DENTAL ASSISTANT (1ST YEAR) 13020500	**Yearlong** **Level 3** **Grade 11 - 12** **Credit 2** **Weight 1.0**	The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. ***Prerequisite: Health Science Theory and Biology.***
T603 PRACTICUM IN HEALTH SCIENCE DENTAL ASSISTANT (2ND YEAR) 13020515	**Yearlong** **Level 4** **Grade 12** **Credit 3** **Weight 1.0**	The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. ***Prerequisite: Health Science Theory, Biology, and T608 Practicum 1st year***

BIOMEDICAL SCIENCE

Wagner High School

T924 PRINCIPLES OF BIOMEDICAL SCIENCE N1302092 (PLTW)	**Yearlong** **Level 1** **Grade 9** **Credit 1** **Weight 1.0**	Students explore concepts of biology and medicine to determine factors that may have resulted in the death of a fictional person. They examine autopsy reports, medical history and medical treatments that may have prevented death. Through projects and activities, students are introduced to human physiology, basic biology, medicine and research processes while designing their own experiments to solve problems.
T925 HUMAN BODY SYSTEMS N1302093 (PLTW)	**Yearlong** **Level 2** **Grade 10-11** **Credit 1** **Weight 1.0**	Students examine the interactions of human body systems as they explore identity, power, movement, protection and homeostasis in the body. They build organs and tissues on a skeletal mannequin, use data acquisition software to monitor body functions and take on the roles of biomedical professionals to solve real-world medical cases. ***Prerequisite: Principles of Biomedical Science***
T926 MEDICAL INTERVENTIONS N1302094 (PLTW)	**Yearlong** **Level 3** **Grade 11-12** **Credit 1** **Weight 1.0**	Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. ***Prerequisite: Human Body Systems***
T405 ANATOMY & PHYSIOLOGY 13020600	**Yearlong** **Level 3** **Grade 11-12** **Credit 1** **Weight 1.0**	The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. ***Prerequisite: Biology and a second science credit.***
T927 BIOMEDICAL INNOVATION N1302095 (PLTW)	**Yearlong** **Level 4** **Grade 11-12** **Credit 1** **Weight 1.0**	In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. ***Prerequisite: Medical Interventions***

Hospitality & Tourism

CULINARY ARTS

Wagner High School

T551 INTRODUCTION TO CULINARY ARTS 13022550	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	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 information into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.
T534 CULINARY ARTS 13022600	**Yearlong** **Level 2** **Grade 10-11** **Credit 2** **Weight 1.0**	Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course ***Prerequisite: Introduction to Culinary Arts.***
T541 ADVANCED CULINARY ARTS 13022650	**Yearlong** **Level 3** **Grade 11-12** **Credit 2** **Weight 1.0**	Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards to prepare students for success in higher education, certifications, and/or immediate employment. ***Prerequisite: Culinary Arts***
T536 PRACTICUM IN CULINARY ARTS 13022705	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	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. 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 preparing students with a variety of skills in a fast- changing culinary art-based workplace ***Prerequisite: Culinary Arts***

Human Services

COSMETOLOGY

Veterans Memorial High School

T544 INTRODUCTION TO COSMETOLOGY **13025100**	**Year long** **Level 1** **Grade 9** **Credit 1** **Weight 1.**	Introduction to Cosmetology is a second-year course where theory and hands on activities will be practiced in hair care, skin care, and nail care. Cosmetology Sciences associated with bacteriology, sanitation and public safety are practiced according to the Texas Department of Licensing and Regulation (TDLR) requirements. In this course, students begin the transition from manikin work to servicing clients in a salon setting using professional business practices. ***(A fee to apply for a permit with TDLR is required)***
T545 COSMETOLOGY I **13025200**	**Yearlong** **Level 2** **Grade 10** **Credit 2** **Weight 1.0**	Cosmetology I is where students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included. Advanced practices in haircutting and hairstyling followed by color formulations and permanent waving. Continued practice with technical skills preparing students for the trending beauty industry. ***Prerequisite: Principles of Cosmetology and Design and Color Theory.***
T543 COSMETOLOGY II **13025300**	**Yearlong** **Level 3** **Grade 11** **Credit 2** **Weight 1.0**	In Cosmetology II is the final course where students will demonstrate proficiency in academic, technical, and practical knowledge and skills. Instruction includes advanced training in professional standards/employability skills; TDLR rules and regulations; use of tools, equipment, technologies, and materials; and practical skills. Clocked hours will continue while students practice advanced development in hair coloring, chemical textures, and haircutting. Students will provide cosmetology services to clients in a full-service salon setting. Salon business practice, cosmetology career planning will assist students with job placement and Texas Cosmetology State Exam preparation. ***Prerequisite: Cosmetology I***
T548 PRACTICUM IN HUMAN SERVICES **13025000**	**Yearlong** **Level 4** **Grade 12** **Credit 2** **Weight 1.0**	The final course where students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; TDLR rules and regulations; use of tools, equipment, technologies, and materials; and practical skills. Clocked hours will continue while students practice advanced development in hair coloring, chemical textures, and haircutting. Students will provide cosmetology services to clients in a full-service salon setting. Salon business practice, cosmetology career planning will assist students with job placement and Texas Cosmetology State Exam preparation. ***Prerequisite: Cosmetology II***

FAMILY & COMMUNITY SERVICES

Judson High School

T501 PRINCIPLES OF COMMUNITY SERVICE N1302542	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	This course will introduce high school students to the field of nonprofits/community service, as well as explore career options that assist individuals and families in need. The students will work to understand policies, design community service plans, and develop a portfolio of different community and state resources.
T513 HUMAN GROWTH & DEVELOPMENT 13014300	**Yearlong** **Level 2** **Grade 9-10** **Credit 1** **Weight 1.0**	Human Growth and Development is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-term introductory course in developmental psychology or human development.
T504 FAMILY & COMMUNITY SERVICES 13024800	**Yearlong** **Level 3** **Grade 9-10** **Credit 1** **Weight 1.0**	Family and Community Services is a laboratory-based course designed to involve students in realistic and meaningful community-based activities through direct service or service-learning experiences. Students are provided opportunities to interact with and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics
T516 PRACTICUM IN HUMAN SERVICES 13025000	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	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. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. ***Prerequisite: Family & Community Services***

INFORMATION TECHNOLOGY

CYBERSECURITY

Veterans Memorial High School

T909 FUNDAMENTALS OF COMPUTER SCIENCE 03580140	**Yearlong** **Level 1** **Grade 9** **Credit 1** **Weight 1.0**	Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science.
T346 COMPUTER MAINTENANCE/LAB 13027310	**Yearlong** **Level 2** **Grade 10-11** **Credit 2** **Weight 1.0**	In Computer Maintenance Lab, 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. ***Prerequisite: Fundamentals of Computer Science.***
T340 NETWORKING/LAB 13027410	**Yearlong** **Level 3** **Grade 10-11** **Credit 2** **Weight 1.0**	In Networking/Lab, students will develop knowledge of the concepts and skills related to telecommunications and data networking technologies and practices to apply them to personal or career development. To prepare for success, students must have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. ***Prerequisite: Computer Maintenance/ Lab***
T341 CYBERSECURITY CAPSTONE 03580855	**Yearlong** **Level 4** **Grade 11 -12** **Credit 1** **Weight 1.0**	In the Cybersecurity Capstone course, students will develop the knowledge and skills needed to explore advanced concepts related to ethics, laws and operations of cybersecurity. They will examine trends of cyberattacks, threats and vulnerabilities. Students will develop security policies to mitigate risks. The skills obtained in this course will prepare students for further studies in the field or to enter the workforce ***Prerequisite: Minimum of two courses in the Cybersecurity Program of Study.***

PROGRAMMING & SOFTWARE DEVELOPMENT COMPUTER SCIENCE

Wagner High School - Veterans Memorial High School

T909 FUNDAMENTALS OF COMPUTER SCIENCE **03580140**	**Yearlong** **Level 1** **Grade 9-12** **Credit 1** **Weight 1.0**	Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science
T349A AP COMPUTER SCIENCE PRINCIPLES **A3580300**	**Yearlong** **Level 2** **Grade 9-12** **Credit 1** **Weight 1.2**	In this course, you will learn the computing skills needed to collaborate with peers to solve real world problems you are passionate about—from simple games and apps to programs that can analyze large data sets or inspire the creation of visual art and music. Students will use their creativity to develop hands-on projects throughout the year. ***Recommended Prerequisite: Algebra 1***
T347R COMPUTER SCIENCE I **03580200**	**Yearlong** **Level 2** **Grade 10-12** **Credit 1** **Weight 1.0**	In this course students, will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. ***Prerequisite: Algebra 1***
T348A AP COMPUTER SCIENCE A **A3580110 (MATH)** **A3580120 (LOTE)**	**Yearlong** **Level 3** **Grade 11-12** **Credit 2** **Weight 1.2** **Math – 1 credit** **LOTE – 1 credit**	In this course students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. ***This course awards 1 credit of math and 1 credit of LOTE.***
T349 COMPUTER SCIENCE III **03580350**	**Yearlong** **Level 4** **Grade 11-12** **Credit 1** **Weight 1**	By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of advanced computer science data structures through the study of technology operations, systems, and concepts. ***Prerequisite: AP Computer Science A***

T362 PRACTICUM IN INFORMATION TECHNOLOGY 13028000	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	In the Practicum in Information Technology, students will gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation***.*** ***Prerequisites: A minimum of two high school information technology courses.***

PROGRAMMING and SOFTWARE DEVELOPMENT
GAME PROGRAMMING & APP DEVELOPMENT

Wagner High School

T909 FUNDAMENTALS OF COMPUTER SCIENCE **03580140**	**Yearlong** **Level 1** **Grade 9** **Credit 1** **Weight 1.0**	Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem solving and reasoning skills that are the foundation of computer science
T347R COMPUTER SCIENCE I **03580200**	**Yearlong** **Level 2** **Grade 9-12** **Credit 1** **Weight 1.0**	In this course students, will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. ***Prerequisite: Algebra 1***
T335 GAME PROGRAMMING AND DESIGN **03580380**	**Yearlong** **Level 2** **Grade 10 -12** **Credit 1** **Weight 1.0**	In Game Programming and Design, students will identify task requirements, plan strategies and use programming concepts to analyze information needed to design games. They will acquire the programming knowledge and skills to work collaboratively to solve problems and create a game that is presented to an evaluation panel. Skills to be mastered in this course include creativity, innovation, communication and collaboration, research, critical thinking, problem solving and decision making and digital citizenship. ***Prerequisite: Algebra 1***
T336 MOBILE APPLICATION DEVELOPMENT **03580390**	**Yearlong** **Level 3** **Grade 11 -12** **Credit 1** **Weight 1.0**	Mobile Application Development presents students with the opportunity to design, implement and deliver meaningful products using mobile computing devices. Students will solve real world problems using data analysis, software design skills, and evaluate the results. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards. ***Prerequisite: Algebra 1***
T337 PRACTICUM IN INFORMATION TECHNOLOGY APP DEVELOPMENT **13028000**	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	In the Practicum in Information Technology, students will gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation. ***Prerequisites: A minimum of two high school information technology courses.***

Law & Public Service

LAW ENFORCEMENT

Judson High School-Wagner High School-Veterans Memorial High School

T489 PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY 13029200	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections.
T485 LAW ENFORCEMENT I 13029300	**Yearlong** **Level 2** **Grade 10-11** **Credit 1** **Weight 1.0**	Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime. ***Recommended Prerequisite: Principles of Law, Public Safety, Corrections, and Security***
T487 LAW ENFORCEMENT II 13029400	**Yearlong** **Level 3** **Grade 11-12** **Credit 1** **Weight 1.0**	Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony. ***Prerequisite: Law Enforcement I***
T480 CORRECTIONAL SERVICES 13029700	**Yearlong** **Level 3** **Grade 10-12** **Credit 1** **Weight 1.0**	In Correctional Services, students prepare for certification required for employment as a municipal, county, state, or federal correctional officer. Students will learn the role and responsibilities of a county or municipal correctional officer; discuss relevant rules, regulations, and laws of municipal, county, state, or federal facilities; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the municipal, county, state, or federal correctional setting. ***Recommended Prerequisite: Law Enforcement I***
T491 FORENSIC SCIENCE 13029500	**Yearlong** **Level 4** **Grade 10-12** **Credit 1** **Weight 1.0**	Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. ***Prerequisites: Biology & Chemistry***
T495 PRACTICUM IN LAW, PUBLIC SAFETY CORRECTIONS, AND SECURITY 13030100	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. ***Recommended prerequisite: Law Enforcement II or Correctional Services***

LEGAL STUDIES

Veterans Memorial High School

T489 PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY 13029200	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections.
T493 COURT SYSTEMS & PRACTICES 13029600	**Yearlong** **Level 2** **Grade 10-12** **Credit 1** **Weight 1.0**	Court Systems and Practices is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and Interrogation. ***Recommended prerequisite: Principles of Law, Public Safety, Corrections & Security***
T213 BUSINESS LAW 13011700	**Yearlong** **Level 2** **Grade 10-12** **Credit 1** **Weight 1.0**	Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.
T490 ADVANCED LEGAL SKILLS & PROFESSIONS N1303016	**Yearlong** **Level 3** **Grade 11-12** **Credit 1** **Weight 1.0**	*Advanced Legal Skills and Professions* provides students with a foundation to understand the basic mechanics of the U.S. legal system. Building on prior instruction in constitutional issues and the basics of American court systems, this course provides insight into the practical application of the law, as well as civil and criminal procedure, giving students a hands-on opportunity to experience a variety of legal professions. ***Prerequisite: Court Systems & Practices***
T499 LEGAL RESEARCH & WRITING N1303014	**Yearlong** **Level 3** **Grade 11-12** **Credit 1** **Weight 1.0**	Legal Research and Writing provides an introduction into the study and practice of legal writing and research. This course is designed to introduce students to the methods and tools used to conduct legal research, develop and frame legal arguments, produce legal writings such as briefs, memorandums, and other legal documents. ***Prerequisite: Court Systems & Practices***
T496 PRACTICUM IN LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY LEGAL STUDIES 13030100	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. ***Prerequisite: Advanced Legal Skills and Professions***

MANUFACTURING

WELDING

Wagner High School

T727 INTRODUCTION TO WELDING **13032250**	**Yearlong** **Grade 9-10** **Credit 1** **Weight 1.0**	Introduction to Welding will introduce welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include safety, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards.
T712 WELDING I **13032300**	**Yearlong** **Grade 10-11** **Credit 2** **Weight 1.0**	Welding I provide the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success ***Prerequisite: Introduction to Welding.***
T713 WELDING II **13032400**	**Yearlong** **Grade 11-12** **Credit 2** **Weight 1.0**	Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. ***Prerequisite: Welding I***
T718 PRACTICUM IN MANUFACTURING **13033000**	**Yearlong** **Grade 11-12** **Credit 2** **Weight 1.0**	The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. ***Prerequisite: Welding II***

ROBOTICS AND AUTOMATION TECHNOLOGY

Wagner High School

T901 PRINCIPLES OF APPLIED ENGINEERING 13036200	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	Students will develop engineering skills which include computer graphics, modeling and presentations using a variety of hardware and software applications to complete assignments and projects. Students will work on a design team to develop a product or a system using the design process and prototype development, planning, executing, monitoring, controlling and closing a project.
T902 MANUFACUTIRNG ENGINEERING TECHNOLOGY I 13032900	**Yearlong** **Level 2** **Grade 9-10** **Credit 1** **Weight 1.0**	Students will gain knowledge and skills in the application, design, production and assessment of products, services and engineering systems. The study of manufacturing engineering will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of activities problems and settings, preparing for success in the global economy. ***Prerequisites: Algebra I***
T915 ROBOTICS I 13037000	**Yearlong** **Level 2** **Grade 10-11** **Credit 1** **Weight 1.0**	In Robotics I students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations and educational needs in the robotics and automation industry.
T923 ROBOTICS II 13037050	**Yearlong** **Level 3** **Grade 10-11** **Credit 1** **Weight 1.0**	In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. ***Prerequisites: Robotics I***
T917 PRACTICUM IN MANUFACTURING - ROBOTICS 13033000	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	The Practicum in Manufacturing course is for students who will explore advanced artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

Transportation, Distribution & Logistics

AUTOMOTIVE TECHNOLOGY

Judson High School

T728 AUTOMOTIVE BASICS **13039550**	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. The focus of this course is to teach safety, tool identification, proper tool use, and employability.
T704 AUTOMOTIVE TECHNOLOGY I **13039600**	**Yearlong** **Level 2** **Grade 10-11** **Credit 2** **Weight 1.0**	Automotive Technology I: Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology I: Maintenance and Light Repair, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. ***Prerequisite: Automotive Basics***
T714 AUTOMOTIVE TECHNOLOGY II: **13039700**	**Yearlong** **Level 3** **Grade 11-12** **Credit 2** **Weight 1.0**	Automotive Technology II: Automotive Service includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II: Automotive Service includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. ***Prerequisites: Automotive Technology I***
T729 PRACTICUM IN TRANSPORTATION SYSTEMS: AUTOMOTIVE TECHNOLOGY **13040450**	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab-based or work-based. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. ***Prerequisites: Automotive Technology II***

AUTOMOTIVE COLLISION REPAIR

Judson High School

T731 COLLISION BASICS **13039550**	**Yearlong** **Level 1** **Grade 9-10** **Credit 1** **Weight 1.0**	Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability
T702 COLLISION REPAIR **13039800**	**Yearlong** **Level 2** **Grade 10-11** **Credit 2** **Weight 1.0**	Collision Repair includes knowledge of the processes, technologies, and materials used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive collision repair and refinishing. ***Prerequisite: Collision Basics***
T715 PAINT & REFINISHING **13039900**	**Yearlong** **Level 3** **Grade 11-12** **Credit 2** **Weight 1.0**	Paint and Refinishing includes knowledge of the processes, technologies, and material used in the reconstruction of vehicles. This course is designed to teach the concepts and theory of systems related to automotive paint and refinishing. ***Prerequisite: Collision Repair***
T730 PRACTICUM IN TRANSPORTATION SYSTEMS: COLLISION REPAIR & REFINISHING **13040450**	**Yearlong** **Level 4** **Grade 11-12** **Credit 2** **Weight 1.0**	Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab-based or work-based. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. ***Prerequisite: Paint & Refinishing***

ALAMO ACADEMIES

THE FUTURE OF EDUCATION FOR TODAY'S STUDENTS

AEROSPACE ACADEMY

INFORMATION TECHNOLOGY & SECURITY ACADEMY

ADVANCED TECHNOLOGY & MANUFACTURING ACADEMY

DIESEL TECHNOLOGY ACADEMY

HEALTH PROFESSIONS ACADEMY

ABOUT ALAMO ACADEMIES

Alamo Academies provides education, experience, and job opportunities for high school sophomores looking to advance their future before high school graduation. In partnership with Alamo Colleges and industry partners, Alamo Academies offers training and internship programs that introduce students to career opportunities in key industries while supporting a seamless transition from high school to college to the workplace.

BENEFITS

Career Options

Explore careers in the aerospace, information technology, advanced manufacturing, allied health and diesel technology industries right here in San Antonio.

Free College Tuition and Credit

Earn 30+ hours of college semester credit leading to a certificate of completion from Alamo Colleges.

Paid Summer Internship

Summer internships within the industry provide real-world experience. Students earn up to $3,000 between their junior and senior year.

Work Experience

Graduate from high school with specific, high-tech skills and valuable experience that translate into higher pay.

- 2-YEAR PROGRAM OF STUDIES
- 30+ HOURS COLLEGE DUAL CREDIT
- PAID SUMMER INTERNSHIP
- MULTIPLE INDUSTRY CERTIFICATIONS
- CLASSES AT ALAMO COLLEGES
- EQUAL TO $12,000 SCHOLARSHIP

Alamo Academies Dual Credit Crosswalk

Aerospace Academy: Aircraft Structure Mechanic
Program of Study (AA)

JISD Course#	High School Course	TEA ID	HS Credit	Term	College	College Hours
AA: ASM Year One		PEIMS	#	Section	Course	Hours
T761DA	Introduction to Aircraft Technology	13039350	1	1st Period Fall	AERM 1315	3
T762DA	Principles of Transportation System	13039250	1	2nd Period Fall	AERM 1303	3
T729DA	Practicum of Transportation (1st time taken)	13040450	2	1st, 2nd Periods Spring	AERM 1452	4
					AERM 1205	2
					Total	**12**
Summer Internship (Optional)						
	Practicum of Transportation (2nd time taken)		**2**	**Summer**		**2**
AA: ASM Year Two		PEIMS	**3**	**Section**	**Course**	**Hours**
T764DA	Practicum Extended in Transportation Systems	13040455	3cr 1.5 credit per term Cont. Hrs V3	Fall	AERM 1414	4
					AERM 1208	2
				Spring	AERM 1310	3
					AERM 1354	3
					Total	**12**

Alamo Academies Dual Credit Crosswalk

Aerospace Academy: Aircraft Turbine Mechanic
Program of Study (AA)

JISD Course#	High School Course	TEA ID	HS Credit	Term	College	College
AA: ATM Year One		PEIMS	#	Section	Course	Hours
T761DA	Introduction to Aircraft Technology	13039350	1	1st Period Fall	AERM 1315	3
T762DA	Principles of Transportation System	13039250	1	2nd Period Fall	AERM 1303	3
T729DA	Practicum of Transportation (1st time taken)	13040450	2	1st, 2nd Periods Spring	AERM 1351	2
					AERM 2351	4
					Total	**12**
Summer Internship (Optional)						
	Practicum of Transportation (2nd time taken)		**2**	**Summer**	**AERM 2486**	**2**
AA: ATM Year Two		PEIMS	#	Section	Course	Hours
T764DA	Practicum Extended in Transportation Systems	13040455	3cr 1.5 credit per semester	1ST & 2ND Period Fall	AERM 1414	4
					AERM 1208	2
				1st & 2nd Period Spring	AERM 1310	3
					AERM 1205	2
					Total	**11**

Alamo Academies Dual Credit Crosswalk

Cybersecurity Program of Study (ITSA)

JISD Course #	High School Course	TEA ID	HS Credit	Term	College Course	College Hours
ITSA Year One		PEIMS	7	Section	Course	Hours
T352DA	Computer Maintenance/Lab	13027310	2	1st, 2nd Period Fall	ITSC 1305	3
					ITSC 1425	4
T340DA	Networking/Lab	13027410	2	1st, 2nd Period Spring	ITNW 1425	4
					ITSC 2439	4
					Total	**15**
ITSA Year Two		PEIMS	3	Section	Course	Hours
T354DA	Practicum in Information Technology	13028005	3	1st, 2nd double bk Yearlong (1.5) per semester	ITSC 1316	3
					ITSY 1342	3
					ITSE 1302	3
					ITSC 1311	3
					Total	**12**

Alamo Academies Dual Credit Crosswalk

Diesel and Heavy Equipment Program of Study (DTA)

JISD Course #	High School Course	TEA ID	HS Credit	Term	College Course	College Hours
DTA Year One		PEIMS	4	Section	Course	Hours
T772DA	Diesel Equipment Technology I	13040150	2	1st, 2nd Fall	DEMR 1401	4
					DEMR 1406	4
T779DA	Diesel Equipment Technology II	13040160	2	1st, 2nd Spring	DEMR 1405	4
					DEMR 1416	4
					Total	**16**
DTA Year Two		PEIMS	3	Section	Course	Hours
T775DA	Practicum Extended in Transportation Systems	13040455	3	1st, 2nd block Yearlong (1.5) per semester	DEMR 1329	3
					DEMR 2432	4
					DEMR 2434	4
					DEMR 2435	4
					Total	**15**

Alamo Academies Dual Credit Crosswalk

Health Professions Academy (HPA)

JISD Course#	High School Course	TEA ID	HS Credit	Term	College	College Hours
HPA Year One		**PEIMS**	**4**	**Section**	**Course**	**Hours**
T405DA	Human Anatomy & Physiology	13020600	1	1st Period Fall	BIOL 2401	4
103DA	English III	3220300	1	2nd Period Fall	ENGL 1301	3
T404DA	Pathophysiology	13020800	1	1st Period Spring	BIOL 2402	4
104DA	Independent Study (1st time taken)	3221800	1	2nd Period Spring	ENGL 1302	3
					Total	15
HPA Year Two		**PEIMS**	**4.5**	**Section**	**College**	**Hours**
T403DA	Medical Microbiology	13020700	1	1st period Fall	BIOL 2420	4
230DA	Psychology	3350100	0.5	2nd Period Fall	PSYC 2301	3
110DA	Independent Study in English (1st time taken)	3221810	1	1st Period Spring	PHIL 2306	3
T617DA	Practicum in Health Science	13020500	2	2nd Period Spring	PSYC 2314	3
					MDCA 1313	3

Alamo Academies Dual Credit Crosswalk

Manufacturing Technology Program of Study (ATMA)

JISD Course #	High School Course	TEA ID	HS Credit	Term	College	College
ATMA Year One		PEIMS	4	Section	Course	Hours
T752DA	Precision Metal Manufacturing I	13032500	2	1st, 2nd Per. Fall Blocks	MCHN 1343	3
					INMT 2303	3
					MCHN 1270	2
T754DA	Metal Fabrication and Machining I	13032700	2	1st, 2nd Per Spring Blocks	RBTC1305	3
					MCHN 1438	4
					Total	**15**
ATMA Year Two		PEIMS	3	Section	Course	Hours
T755DA	Practicum/Extended-Practicum in Manufacturing	13033005	3 1.5 per semester	1st, 2nd per Fall Block	MCHN 1320	3
					MCHN 1302	3
				1st, 2nd per Spring Block	MCHN 2303	3
					MCHN 1426	3
					Total	**12**
OR						
T755DA	Practicum/Extended-Practicum in Manufacturing	13033005	3 1.5 per semester	1st, 2nd per Fall blocks	CETT 1409	3
					ELMT 1305	3
				1st, 2nd per Spring blocks	INTC 1357	3
					RBTC 1347	3
					Total	**12**

CAREER AND TECHNICAL ORGANIZATIONS

Career and Technical Student Organizations (CTSOs) play an integral part in a student's career and technical Education CTSOs enrich student learning that starts in the classroom, build strong partnerships between industries and future employees, and provide future career experience that students carry into their careers and communities. https://txcte.org/teachers. ***Student CTSO membership requires student enrollment in the respective pathway.***

	BPA Business Professionals of America members compete in demonstrations of their business technology skills, develop their professional and leadership skills, network with one another and professionals across the nation, and get involved in the betterment of their community through good works projects.
	DECA, A national association of marketing education students provides teachers and members with educational and leadership development activities to merge with the education classroom instructional program. DECA prepares emerging leaders and entrepreneurs in marketing, finance, hospitality and management in high schools and colleges around the globe.
	FCCLA Involvement in Family Career and Community Leaders of America offers members the opportunity to expand their leadership potential and develop skills for life — planning, goal setting, problem solving, decision-making and interpersonal communication — necessary in the home and workplace.
	HOSA HOSA is a national vocational student organization endorsed by the U.S. Department of Education and the Health Occupations Education Division of the American Vocational Association. HOSA's two-fold mission is to promote career opportunities in the health care industry and to enhance the delivery of quality health care to all people. HOSA's goal is to encourage all health occupations instructors and students to join and be actively involved in the HOE-HOSA Partnership
	FFA FFA is a dynamic youth organization that makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth, and career success through agricultural education.
	SkillsUSA SkillsUSA is a national organization serving high school and college students and professional members who are enrolled in technical, skilled and service occupations, including health occupations.
	TAFE The Texas Association of Future Educators is a statewide student organization created to allow young men and women an opportunity to explore the teaching profession. The organization provides students the necessary knowledge to make informed decisions about pursuing careers in education.
	TPSA Texas Public Service Association was developed to help high school Law Public Safety, Corrections, Security students experience interaction with other students and working professionals in an effort to pinpoint their future career expectations through competition and education.

Glossary

Career Clusters	This is the grouping of course sequences (Programs of Study) that prepare students for careers in the same field of study or that require similar skills.
Course Credit	A unit of measure awarded for successful completion of a course. Completion of a one term course typically earns one-half credit for a student.
Coherent Sequence	A series of courses in which vocational and academic education are integrated, and which directly relates to, and leads to, both academic and occupational competencies.
CTE Courses	These course prepare students for careers. These were once called vocational courses. The CTE stands for Career and Technical Education.
Distinguished Level of Achievement	A high level of academic achievement earned by going above and beyond the Foundation Endorsement High School Program. A student must earn this designation to be eligible for the top 10 percent automatic admission to a Texas public university.
Endorsements	The areas of specialized study that are required to earn a high school diploma with endorsements. In the areas of: STEM (Science, Technology, Engineering, & Math), Business & Industry, Arts & Humanities, Public Service, and Multidisciplinary Studies.
EOC	STAAR end-of-course (EOC) exams are state mandated tests given during the final weeks of a course. In addition to meeting graduation course requirements, students are required to pass five end-of-course exams to earn a diploma from a Texas public high school. Those five exams are given when a student takes English I and II, Biology, Algebra I, and U.S. History courses.
Foundation High School Program	The basic 22-credits (not counting additional electives or endorsement courses needed to graduate from the Texas public school system.
FAFSA	This is the federal student financial aid application. It stands for Free Application for Federal Student Aid
Industry Workforce Credential	A State, nationally, or internationally recognized credential that aligns with the knowledge and skills standard identified by an association or government entity representing a particular profession or occupation and valued by business or industry.
Programs of Study	Programs of Study provides students with course sequences that prepare them for success in high wage, high demand and high skill careers.
Performance Acknowledgements	Students may earn an additional acknowledgement on their diploma because of outstanding performance in areas such as dual credit course and bilingualism and bi-literacy; on Advance Placement (AP) exams, International Baccalaureate, PSAT, ACT's Plan, the SAT or ACT exams, or by earning a nationally or internationally recognized business or industry certification.
STAAR	State of Texas Assessment of Academic Readiness (STAAR) is the state-mandated test given annually to students in grades 3-8 and in 5 high school courses.

FINE ARTS DEPARTMENT

Visual and Performing Arts

Coherent Sequences of Courses

Judson ISD

Visual Art – Four Credits of Visual Art: Art 1 plus any combination of the offering in Art II, III and IV (painting, drawing, ceramics, sculpture, urban, 2D/3D design, etc.), as long as at least one Level III or IV course is included.

Visual Art This strand pending approval of campus leadership. Students will take courses in order, starting with Art I in whatever grade level they enter the dept. Once a discipline strand (painting drawing, ceramics, etc.) is selected, students will progress to II, III, and IV.	• 701 Art I • 786 Art and Media Communication I	• 702 Art II-Drawing I • 705 Art II-Painting I • 708 Art II-Sculpture I • 715 Art II-Urban Art I • 795 Art II-Ceramics I • 702W3 Art II-Fibers I • 702W4 Art II-Jewelry • 789 Art & Media Communication II	• 703 Art III-Drawing II 706 Art III-Painting II 709 Art III-Sculpture II 716 Art III-Urban Art II • 703W1 Art III- Ceramics II 711A AP Studio Art: Drawing • 713A AP Studio Art 2D Design • 714A AP Studio Art 3D Design • 712A AP Art History 702W3 Art II-Fibers I	• 704 Art IV – Drawing III • 707 Art IV – Painting III • 710 Art IV – Sculpture III • 798 Art IV – Urban Arts III • 704W2 Art IV – • Ceramics III • 7181A AP Studio Art: Drawing • 713A AP Studio Art 2D Design • 714A AP Studio Art 3D Design • 702W4 Art III – Jewelry I

VISUAL ART

701R ART I **03500100**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Art I is a general course of art instruction in which students create original, imaginative, and inventive works of art. This class will act as an introduction to drawing, painting, and sculpture, as well as the basic theories and history of art. Effort is a large consideration on graded projects. **Lab Fee - $20 per year**
702 ART II DRAWING I **03500500**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Having shown skill and creativity in Art I, students will continue to explore the theories and techniques of drawing. Experimentation with different media and use of higher-level thinking skill is emphasized while students create well- designed and complex projects. ***Lab fee - $25.oo per year*** ***Prerequisite: HS ART I***
703 ART III DRAWING II **03501300** **This course may be a local credit if Art I Urban Art II was previously taken**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	This art class is designed for the advanced placement student or art career bound student who needs more studio time to complete an art portfolio. The teacher will work closely with each student to choose an area of study or concentration based on a particular visual interest or problem to be worked on each term **Lab Fee - $25 per year** ***Prerequisite: Drawing II and recommendation of a previous art teacher.*** ****Can be paired with an AP Art course.***
704 ART IV DRAWING III **03502300**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	

705 ART II PAINTING I **03500600**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Having shown a definite interest and aptitude or painting in the Art I class, students will continue to explore the media and techniques for painting. Students will be challenged to use their painting skills in a wide range of artistic styles, as well as various painting surfaces and media. Media used in this course includes tempera, watercolor, colored inks, acrylic and oils. **Lab Fee - $25 per year;** ***Prerequisite: HS Art I***
706 ART III PAINTING II **03501400**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	This art class is designed for the advanced placement student or art career bound student who needs more studio time to complete an art portfolio. The teacher will work closely with each student to choose an area of study or concentration based on a particular visual interest or problem to be worked on each term. **Lab Fee - $25 per year.** ***Prerequisite: Painting I (for Painting II) and recommendation of a previous art teacher*** ***OR*** ***Prerequisite: Painting II (for Painting III) and recommendation of a previous art teacher*** ****Can be paired with an AP Art course.***
707 ART IV PAINTING III **03502400**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	
708 ART II Sculpture I **03501000**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Having shown the ability to think and work in the third dimension in the Art I class, students will continue to study the historical evolution and techniques of sculpture. Carving, modeling, mold making, and basic methods of working with clay will be practiced. Media used in this course include clay, stone, wood, metal, paper and plaster. **Lab Fee - $25 per year.** ***Prerequisite: HS ART I***
709 ART III SCULPTURE II **03501900**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	This art class is designed for the advanced placement student or art career bound student who needs more studio time to complete an art portfolio. The teacher will work closely with each student to choose an area of study or concentration based on as particular visual interest or problem to be worked on each term. **Lab Fee - $25 per year.** ***Prerequisite: Sculpture I and recommendation of a previous art teacher.*** ***OR*** ***Prerequisite: Sculpture II and recommendation of a previous art teacher.*** ****Can be paired with AP 3-D Art course.***
710 ART IV SCULPTURE III **03502800**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	
715 ART II URBAN ART I **03500500**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Having shown skill and creativity in Art I and/or Art II, students will continue to explore visual artistic expression as it relates to the greater context of Folk Art. Emphasis will be placed on the Urban Hip Hop movement as a cultural and social form of art. Students will experiment with and create styles of Urban Art with a variety of 2-D media. **Lab Fee-$25 per year.** ***Prerequisite: HS Art I and portfolio submission.***

716 ART III URBAN ART II **03501300** **This course may be a local credit if Art III Drawing II was a course previously taken**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	Having shown skill and creativity in Art I and/or Art II, students will continue to explore visual artistic expression as it relates to the greater context of Folk Art. Emphasis will be placed on the Urban Hip Hop movement as a cultural and social form of art. Students will experiment with and create styles of Urban Art with a variety of 2-D media. **Lab Fee-$25 per year.** ***Prerequisite: Urban Art I and recommendation of a previous art teacher.*** ***OR*** ***Prerequisite: Urban Art II and recommendation of a previous art teacher.***
798- ART IV URBAN ART III **03502300**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	
795 ART II CERAMICS I **03500900**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Having shown skill and creativity in sculpture, students will continue to explore the clay medium in the form of coil, slab, and pinch methods of building both functional-type and formal-type forms; and use the potter's wheel to create lidded, handled, and mixed media forms of pottery. **Lab Fee-$25 per year** ***Prerequisite: HS Art I and teacher review of portfolio submission.***
703W1 ART III CERAMICS II **03501800**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	This art class is designed for the advanced placement student or art career bound student who needs more studio time to complete an art portfolio. The teacher will work closely with each student to choose an area of study or concentration based on a particular visual interest or problem to be worked on each term. **Lab Fee - $25 per year** ***Prerequisite: HS Art I, Art I Ceramics and teacher review of portfolio submission.*** ***OR*** ***Prerequisite: Art II Ceramics and teacher review of portfolio submission.*** ****Can be paired with AP 3-D Art course***
704W2 ART IV CERAMICS III **03502700**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	
702W3 ART II FIBERS 1 **03500800** **JUDSON HS ONLY**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Having shown the ability to think and work in the third dimension in the Art I class, students will continue to study the historical evolution and techniques of fiber art. Weaving, sewing, and other mediums. Media used in this course include fabric, yarn, string, and other materials. **Lab Fee - $25 per year** ***Prerequisite: HS Art I***
702W4 ART II JEWELRY I **03501100** **JUDSON HS ONLY**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Having shown the ability to think and work in the third dimension in the Art I class, students will continue to study the historical evolution and techniques of jewelry and metals. Media used in this course include wire, copper, silver, and other materials. **Lab Fee - $30 per year**
712A AP ART HISTORY **A3500100**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.2**	This course is designed to provide the same benefits to secondary school students as are provided by an introductory collage course in art history: an understanding and enjoyment of architecture, sculpture, painting, and other art forms with an historical and cultural context. The students will examine major forms of artistic expression and learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience. Strong reading and writing skills are a must. Students are expected to take the College Board Exam for possible College Credit. **Lab Fee - $10 & AP Exam Fee** **This is a double blocked course paired with another Art Course (if possible).**

711A AP ART STUDIO: DRAWING PORTFOLIO **A3500300** **Linked to Spring Art III & IV**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.2**	This course is designed for the serious art student who feels that they may want to major or minor in art while in college or have a career in art after high school. Students will work to compile a portfolio of their art works to be submitted to the College Board for possible advanced placement college credit. During this course, the student will work with different media and solve a variety of problems in drawing. **The AP studio class should be taken in conjunction with a class of painting or drawing (level III or IV)** **Lab Fee - $30 & AP Exam Fee** ***Prerequisite: Art I, Art II (any media) & recommendation of a previous art teacher.*** **This is a double blocked course paired with another Art Course (if possible).**
713A AP STUDIO ART: 2D DESIGN PORTFOLIO **A3500400** **Linked to Spring Art III & IV**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.2**	This course is designed for the serious art student who feels that they may want to major or minor in art while in college or have a career in art after high school. Students will work to compile a portfolio of their art works to be submitted to the College Board for possible advanced placement college credit. During this course, the student will work with different media and solve a variety of problems in 2D design. **The AP studio class should be taken in conjunction with a class of painting or drawing (level III or IV)** **Lab Fee- $30 and AP Exam Fee** ***Prerequisite: Art I, Art II (any media) & recommendation of previous art teacher.*** **This is a double blocked course paired with another Art Course (if possible).**
714A AP STUDIO ART: 3D DESIGN PORTFOLIO – EXTENDED COURSES **A3500500**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.2**	This course is designed for the serious art student who feels that they may want to major or minor in art while in college or have a career in art after high school. Students will work to compile a portfolio of their art works to be submitted to the College Board for possible advanced placement college credit. During this course, the student will work with different media and solve a variety of problems in 3D design. **The AP studio class should be taken in conjunction with a class of sculpture (level III or IV).** **Lab Fee- $30 and AP Exam Fee** ***Prerequisite: Art I, Art II (any media) & recommendation of previous teacher.*** **This is a double blocked course paired with another Art Course (if possible).**
786 ART & MEDIA COMMUNICATION I **03500120**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The pioneering visual art curriculum combines the powerful art principles with technology to bridge traditional Fine Arts education with contemporary digital media applications. One expected outcome is to equip students with 21st century skills that are highly sought after by colleges and the workforce. The courses combine rigorous and relevant experiential study of Modern, post-modern, and contemporary art and design with explorative student learning on various media platforms.
701D ART I APPRECIATION **Dual Credit** **ARTS 1301 Art Appreciation** **03500110**	**Semester** **Grade 10-12** **Credit 1** **Weight 1.1** **College Credit** **3 Hours**	This course presents an introduction to the exploration of purposes and processes in the visual arts including evaluation of selected works. ***Prerequisite: Attempted TSIA ELAR***

Performing Arts

Coherent Sequence of Courses Judson ISD

Performing Arts – Four credits of sequential classes in UP TO TWO of the following strands, MUSIC, THEATRE, or DANCE, as long as at least on Level III or IV course is included. (For example, a student might take courses in both Theatre and Dance, or courses in both Music and Theatre).

BAND Students will take courses in order, starting with Level I in whatever grade they enter the course. They will then sequence to level II, III, etc.	**Depending on Audition:** • 731 Band • 735M Instrumental Ensemble I • 726 Color Guard I • 731M7 Jazz Ensemble I • 741 Applied Music I	**Depending on Audition:** • 732 Band II • 736M Instrumental Ensemble II • 727 Color Guard II • 732M7 Jazz Ensemble II • 742 Applied Music II	**Depending on Audition:** • 733 Band III • 737M Instrumental Ensemble III • 728 Color Guard III • 733M7 Jazz Ensemble III • 743 Applied Music III • 739 Music Theory I	**Depending on Audition:** • 734 Band IV • 738M Instrumental Ensemble IV • 729 Color Guard IV • 734M7 Jazz Ensemble IV • 744 Applied Music IV • 740A AP Music Theory
CHOIR Students will take courses in order, starting with Level I in whatever grade they enter the course. They will then sequence to level II, III etc.	Depending on Audition: • 751 Choir I • 755N Vocal Ensemble I • 741 Applied Music I	**Depending on Audition:** • 752 Choir II • 756N Vocal Ensemble II • 742 Applied Music II	**Depending on Audition:** • 753 Choir III • 757N Vocal Ensemble III • 743 Applied Music III • 739 Music Theory I	• Depending on Audition: • 754 Choir IV • 758N Vocal Ensemble IV • 744 Applied Music IV • 740A AP Music Theory
DANCE Students will take courses in order, starting with Level I in whatever grade they enter the course. They will then sequence to level II, III, etc.	**Depending on Audition:** • 761 Dance, Principles of Dance I • 508 Dance Performance Ensemble I • 765 Dancy Theory I	**Depending on Audition:** • 762 Dance, Principles of Dance II • 509 Dance, Performance Ensemble II • 766 Dance Theory II	**Depending on Audition:** • 763 Dance, Principles of Dance III • 510 Dance, Performance Ensemble III • 767 Dance Theory III	**Depending on Audition:** • 764 Dance, Principles of Dance IV • 511 Dance, Performance Ensemble IV • 768 Dance Theory IV
ORCHESTRA Students will take courses in order, starting with Level I in whatever grade they enter the course. They will then sequence to level II, III, etc.	**Depending on Audition:** • 721 Orchestra I • 735O Instrumental Ensemble I • 741 Applied Music I • 759 Mariachi I	**Depending on Audition:** • 722 Orchestra II • 736O Instrumental Ensemble II • 742 Applied Music II • 777 Mariachi II	**Depending on Audition:** • 723 Orchestra III • 737O Instrumental Ensemble III • 739 Music Theory I • 769 Mariachi III	**Depending on Audition:** • 724 Orchestra IV • 738O Instrumental Ensemble IV • 744 Applied Music IV • 740A AP Music Theory 797 Mariachi IV

MUSIC

731-734 BAND I, II, III, IV (M1, M2, M3, M4, M5, M6) **BAND I-03150100** **BAND II-03150200** **BAND III-03150300** **BAND IV-03150400** **M1 VARSITY BAND** **M2 NON-VARSITY BAND** **M3 SUB-NON-VARSITY BAND** **M4 VARSITY PERCUSSION** **M5 NON-VARSITY PERCUSSION** **M6 FRONT ENSEMBLE**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Band members will be exposed to all facets of instrumental music and performance. Band members are required to participate in the Marching Band and will earn credit in physical education in the fall term (Marching PES00012). The Band participates in UIL, TMEA and Community events throughout the year. ***Prerequisite: Band Director's approval based on audition and previous experience.*** ***Program fees are associated with this course.***
INSTRUMENTAL ENSEMBLE I, II, III, IV **735 INSTRUMENTAL ENSEMBLE I (M1, M2, M3, M4, M5, M6) 03151700** **736 INSTRUMENTAL ENSEMBLE II (M1, M2, M3, M4, M5, M6) 03151800** **737 INSTRUMENTAL ENSEMBLE III (M1, M2, M3, M4, M5, M6) 03151900** **738 INSTRUMENTAL ENSEMBLE IV (M1, M2, M3, M4, M5, M6) 03152000**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Band or Orchestra members will be exposed to all facets of instrumental music and performance. Band members will also be selected to participate in the Marching Band and earn credits in physical education in the fall term (Marching PES00012). This course is the same as Band, but students are divided into homogenous groups and participate in all Band events and activities. The Band participates in UIL, TMEA and Community events throughout the year. ***Band Director's approval based on audition and previous experience.*** ***Program fees are associated with this course***. ***This course is for Band and Orchestra students***.
JAZZ ENSEMBLE I, II, III, IV VARSITY **731M7 JAZZ ENSEMBLE I VARSITY 03151300** **732M7 JAZZ ENSEMBLE II VARSITY 03151400** **733M7 JAZZ ENSEMBLE III VARSITY 03151500** **734M7 JAZZ ENSEMBLE IV VARSITY 03151600**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The jazz band performs intermediate to advanced level literature from various selected styles of music, such as jazz, rock and Latin. In addition to the techniques of rehearsal and performance, the students learn theory and history of the music performed. Students participate in a number of performances that include formal concerts, festivals/competitions and community events. Jazz Band is a full year course. ***Prerequisite: Band Director's approval based on audition and previous experience. Jazz Ensemble is open to current members of the band program. The exception is vocal, piano and bass.***

JAZZ ENSEMBLE I, II, III, IV NON-VARSITY **731M10 JAZZ ENSEMBLE I NON-VARSITY** **03151300** **732M10 JAZZ ENSEMBLE II NON-VARSITY** **03151400** **733M10 JAZZ ENSEMBLE III NON-VARSITY** **03151500** **734M10 JAZZ ENSEMBLE IV NON-VARSITY** **03151600**	**Yearlong** **Grade 9-12** **Credit 1** **Weight** **1.0**	The jazz band performs intermediate to advanced level literature from various selected styles of music, such as jazz, rock and Latin. In addition to the techniques of rehearsal and performance, the students learn theory and history of the music performed. Students participate in a number of performances that include formal concerts, festivals/competitions and community events. Jazz Band is a full year course. ***Prerequisite: Band Director's approval based on audition and previous experience. Jazz Ensemble is open to current members of the band program. The exception is vocal, piano and bass.***
731-734 COLOR GUARD I, II, III, IV **731 COLOR GUARD I (M8, M9)** **03150100** **732 COLOR GUARD II (M8, M9)** **03150200** **723 COLOR GUARD III (M8, M9)** **03150300** **734 COLOR GUARD IV (M8, M9)** **03150400**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This is a performance-oriented class that combines the elements of dance, and equipment work. Students will perform as an auxiliary unit to the Marching Band program. In the fall term, color guard will perform as a unit of the Marching Band. In the spring term, students will students will perform as a member of the Winter Guard unit. There is a high degree of physical demand; students will earn credit in physical education in the fall term. (Marching PES 00012) and fine arts in the Spring Term. Color Guard is a full year course. ***Prerequisite: Band Director's approval based on audition and with paid program fees for Fall and Spring semester activities.***
726-729M8 VARSITY COLOR GUARD **726-729M9 NON-VARSITY COLOR GUARD**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This is a performance-oriented class that combines the elements of dance, and equipment work. Students will perform as an auxiliary unit to the Marching Band program. In the fall term, color guard will perform as a unit of the Marching Band. In the spring term, students will perform as a member of the Winter Guard unit. There is a high degree of physical demand; students will earn credit in physical education in the fall term (Marching PES 00012) and fine arts in the Spring Term. Color Guard is a full year course.
751-754 CHORAL MUSIC I, II, III, IV **751 CHOIR I** **(N1, N2, N3, N4, N5, N6)** **03150900** **752 CHOIR II** **(N1, N2, N3, N4, N5, N6)** **03151000** **753 CHOIR III** **(N1, N2, N3, N4, N5, N6)** **03151100** **754 CHOIR IV** **(N1, N2, N3, N4, N5, N6)** **03151200**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Choir courses support continuing development of vocal music skills and musical understanding begun in elementary and/or middle school. Although these are four separate courses, Choir I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students' progress in the continuum of development represented in these four courses. ***Prerequisite: Director will select/place based on audition/past experience.*** ***There are program fees associated with these courses.***

751-754N1 VARSITY MIXED CHOIR		The Varsity Mixed Choir is a varsity level choir. Membership is by audition only. Choir members receive advanced training in all aspects of choral singing including sight-singing, ear-training, concert performances and UIL contest. Other activities include TMEA auditions, UIL Solo/Ensemble, competitive music festivals, and spring tours both in and out of state.
751-754N2 VARSITY TREBLE CHOIR		The Varsity Treble Choir (females) is a varsity level choir. Membership is by audition only. Choir members receive advanced training in all aspects of choral singing including sight- singing, ear-training, concert performances and UIL contest. Other activities include TMEA auditions, UIL Solo/Ensemble, competitive music festivals, and spring tours both in and out of state.
751-754N7 VARSITY TENOR/BASS CHOIR		The Varsity Tenor/Bass Choir (males) is a varsity level choir. Membership is by audition only. Choir members receive advanced training in all aspects of choral singing including sight- singing, ear-training, concert performances and UIL contest. Other activities include TMEA auditions, UIL Solo/Ensemble, competitive music festivals, and spring tours both in and out of state.
751-754N3 NON-VARSITY TREBLE CHOIR		The Non-Varsity Treble Choir is an intermediate level choir for students with some high school choral experience. No audition is required. Choir members receive ongoing training in all aspects of choral singing including sight-singing, concert performances and UIL contest. Students may participate in other activities such as TMEA auditions, UIL Solo/Ensemble, competitive music festivals, and spring tours both in and out of state.
751-754N4 BEGINNING TREBLE CHOIR		The Beginning Treble Choir is a training-level choir for students with no previous high school choral experience. No audition is required. Choir members receive instruction in fundamentals of sight-singing, ear-training, and concert performances. Students have the opportunity to participate in other activities including TMEA auditions, UIL Solo/Ensemble, competitive music festivals, and spring tours both in and out of state.
751-754N5 BEGINNING TENOR/BASS CHOIR		The Beginning Tenor/Bass Choir is a training-level choir for students with no previous high school choral experience. No audition is required. Choir members receive instruction in fundamentals of sight-singing, ear-training, and concert performances. Students have the opportunity to participate in other activities including TMEA auditions, UIL Solo/Ensemble, competitive music festivals, and spring tours both in and out of state.
751-754N6 AMBASSADORS		An auditioned show choir of SATB voicing for advanced 10th- 12th graders. Members of this ensemble will be selected from the Varsity & Non-Varsity choirs and will need to have two choir classes in their schedule. *Ambassadors* will sing a variety of pop and vocal jazz music, some of which involves choreography. They will be featured on each choir concert and participate in off-campus community concerts in November and December. Prerequisites include stage presence, sight reading ability, vocal ability, coordination, a positive attitude, responsibility, and passing grades. Unexcused absences will be grounds for removal.

755-758 VOCAL ENSEMBLES **755 VOCAL ENSEMBLES I** **(N1, N2, N3, N4, N5, N6, N7)** **03152100** **756 ENSEMBLES II** **(N1, N2, N3, N4, N5, N6, N7)** **03152200** **757 VOCAL ENSEMBLES III** **(N1, N2, N3, N4, N5, N6, N7)** **03152300** **758 VOCAL ENSEMBLES IV** **(N1, N2, N3, N4, N5, N6, N7)** **03152400**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Vocal Ensemble is an advanced level choir for students with superior vocal and musical abilities. Membership is by audition only. Students must be concurrently enrolled in a varsity-level choir. Choir members serve as school and community ambassadors through performances at various events throughout the school year. ***Prerequisite: Director will select/place based on audition/past experience***
721-724 ORCHESTRA **I, II, III, IV** **721 ORCHESTRA I** **(O1, O2, O3, O4)** **03150500** **722 ORCHESTRA II** **(O1, O2, O3, O4)** **03150600** **723 ORCHESTRA III** **(O1, O2, O3, O4)** **03150700** **724 ORCHESTRA IV** **(O1, O2, O3, O4)** **03150800** **721-724O1 VARSITY ORCHESTRA** **721-724O2 NON-VARSITY ORCHESTRA** **721-724O3 SUB NON-VARSITY ORCHESTRA** **721-724O4 BEGINNING ORCHESTRA**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Members in the orchestra will develop intermediate and advanced skills on the violin, viola, cello and bass. They will learn and play a wide variety of musical styles from traditional to very modern as well as a variety of cultural music. Members in the orchestra will participate in UIL events, TMEA activities, community performances and competitions throughout the school year in form of large ensembles, small ensembles and solos. There are a limited number of instruments that can be issued from the school after the JISD Instrument usage fee is paid. ***Program fees may apply.***

759-797 MARIACHI ENSEMBLE I, II, III, IV **759 MARIACHI I (P1, P2) 03153800** **777 MARIACHI II (P1, P2) 03153900** **769 MARIACHI III (P1, P2) 03154000** **797 MARIACHI IV (P1, P2) 03154100** **759-797P1 VARSITY MARIACHI** **759-797P2 NON-VARSITY MARIACHI**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Mariachi courses support continuing development of vocal and/or instrumental music skills and musical understanding begun in elementary and/or middle school. Classes will consist of private and small ensemble lessons with guided practice. Although these are four separate courses, Mariachi I-IV may be taught in combination. In these classes, students receive identical instruction and perform the same literature but receive credit for the course in which they are enrolled. Differentiation is made in performance expectations as students' progress in the continuum of development represented in these four courses. ***Prerequisite: Orchestra director's approval based on an audition and prior orchestra or private lesson orchestra experience.*** ***Program fees may apply.***
741-744 APPLIED MUSIC I, II, III, IV (BAND, CHOIR OR ORCHESGTRA) **741 APPLIED MUSIC I 03152500** **742 APPLIED MUSIC II 03152600** **743 APPLIED MUSIC III 03152601** **744 APPLIED MUSIC IV 03152602**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Course will include strategies for a successful practice regimen. Students are expected to audition for individual competitions such as district band and solo and ensemble contest. ***Prerequisite: Must be a member of Band, Choir or Orchestra I, II, III, and IV or Instrumental Ensemble I, II, III, IV. Applied Music is open to any student currently enrolled in Band, Choir, Orchestra or Instrumental Ensemble.***
739 MUSIC THEORY I 03155400 **740A AP MUSIC THEORY II A3150200**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0** **Yearlong** **Grade 10-12** **Credit 1** **Weight 1.2**	This course is for advanced music students who are interested in the systematic study of the structure of music through analysis, ear training and composition. Students who wish to take AP Music Theory II must either successfully complete Music Theory I or pass a qualifying exam. ***AP Music Theory II students will take the AP test in May. AP Music Theory is a full year course.***

745 MUSIC & MEDIA COMMUICATIONS I **03156400** **746 MUSIC & MEDIA COMMUNICATIONS II** **03156500**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The innovative music curriculum aims to ensure that all students, who may or may not have an extensive background in music, experience exciting, hands-on instruction in music while integrating digital media. The standards-based instruction focuses on fundamental music skills, but students will also explore and discover their own personal musicality using media-based resources for listening, recording, sharing, and composing, and most importantly making music.
1306D MUSIC APPRECIATION DUAL CREDIT **MUSI 1306** **03155600**	**Semester** **Grade 10-12** **Credit 1** **Weight 1.1** **College Credit: 3 Hours**	The course focuses on understanding music through the study of cultural periods, major composers, and musical elements. Illustrated with audio recordings and live performances. ***Prerequisite: Attempted TSIA***

DANCE

761-764 DANCE, PRINCIPLES OF DANCE I, II, III, IV	**Yearlong** **Grade 9-13** **Credit 1** **Weight 1.0**	This course is designed to introduce students to the fundamental skills of dancing. Students will study a variety of units to serve the dance fine arts education. This course will include topics ranging from basic knowledge of dance terminology and skill in ballet, lyrical, hip-hop, modern, contemporary, improvisation, and social dance in order to build an understanding and mastery of the choreography techniques, spatial awareness, rhythmic structure, stage production and history of dance. ***Required: Dance II-IV Successful completion of the previous level***
508-511 DANCE PERFORMANCE ENSEMBLE I, II, III, IV **508 DANCE PERFORMANCE ENSEMBLE I (Q1, Q2, Q3, Q4) 03833300** **509 DANCE PERFORMANCE ENSEMBLE II (Q1, Q2, Q3, Q4) 03833400** **510 DANCE PERFORMANCE ENSEMBLE III (Q1, Q2, Q3, Q4) 03833500** **511 DANCE PERFORMANCE ENSEMBLE IV (Q1, Q2, Q3, Q4) 03833600**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This is a performance-based course. Students will demonstrate the skills of dancing in a performance-based venue. Students will learn a variety of topics ranging from basic knowledge of dance terminology and skill in ballet, lyrical, hip-hop, modern, contemporary, improvisation, and social dance to build an understanding and mastery of the choreography techniques, spatial awareness, rhythmic structure, stage production and history of dance. Students will earn one credit in physical education fall term (Drill Team PES00014) and one fine arts credit in the spring term. All other Dance Performance courses will be awarded fine arts credit. ***Required: Dance II-IV Successful completion of the previous level.*** ***There are fees associated with being on this team.***
VARSITY PERFORMANCE ENSEMBLE **508Q1 – 03833300** **509Q1 – 03833400** **510Q1 – 03833500** **511Q1 - 03833600**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The Varsity team performs at Varsity games, competes in the spring, and performs at spring show while learning advanced skills in dance and choreography. Tryouts are held in the spring term and candidates must have at least one year of pep squad to be eligible to try out or Dance Directors approval. Members must attend camp and pay all fees associated with being on the team. Members will earn credit in physical education in the fall term (Drill Team PES00014) and one credit in fine arts in the spring term.
JV PERFORMANCE ENSEMBLE **508Q2 – 03833300** **509Q2 – 03833400** **510Q2 – 03833500** **511Q2 - 03833600**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The JV team performs at JV games, competes in the spring, and performs at spring show while learning intermediate skills in dance and choreography. Tryouts are held in the spring term and candidates must have at least one year of pep squad to be eligible to try out or Dance Directors approval. Members must attend camp and pay all fees Associated with being on the team. Members will earn credit in physical education in the fall term (Drill Team PES00014) and one credit in fine arts in the spring term.

PEP PERFORMANCE ENSEMBLE **508Q3 - 03833300** **509Q3 - 03833400** **510Q3 - 03833500** **511Q3 - 03833600**		Sign up to as early as your freshman year. Cheer at Varsity football games, dance during a Varsity Football halftime, cheer for Varsity sports, perform at spring show and learn basic skills and technique to prepare for JV and Varsity team tryouts. Members must attend camp and pay all fees associated with being on the team. Members will earn credit in physical education in the fall term (Drill Team PES00014) and credit in fine arts in the spring term.
BOYS DANCE PERFORMANCE ENSEMBLE **508Q4 - 03833300** **509Q4 - 03833400** **510Q4 - 03833500** **511Q4 - 03833600**		Specializing in hip hop, the boys hip hop team members perform at pep rallies, community events, compete in the spring, and perform at spring show while learning skills in hip hop and choreography. Tryouts are held in the spring term. Members will earn credit in physical education in the fall term (Drill Team PES00014) and credit in fine arts in the spring term. Students must have director's approval and attend camp to be on the team. **There is a fee associated with being on this team.**
765-769 DANCE THEORY I-IV **765 DANCE THEORY I** **03832900** **766 DANCE THEORY II** **03833000** **767 DANCE THEORY III** **03833100** **768 DANCE THEORY IV** **03833200**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	This course will introduce students to the art and formal ideologies of dance. We will explore the aesthetic and Technical underpinnings of dance composition. Basic compositional techniques will be discussed and practiced with an emphasis on; Principles such as weight, space, time, effort, and shape. Principles of musicality will be considered and developed by each student working with each other as the raw material of the dance, students will develop short compositions that reveal their understanding of basic techniques. Student will come to understand a range of compositional possibilities available to artists who work with the medium of the human body.
749 DANCE & MEDIA COMMUNICATIONS I **03834500** **750 DANCE & MEDIA COMMUNICATIONS II** **03834600**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Students enrolled in Dance and Media Communications I & II will undertake diligent studies of dance history, dance technique, and choreography to explore how these elements translate to a digital medium. Through creation and analysis, students learn how to integrate traditional and contemporary dance with current modes of technology to reinvent the medium as they know it. The resulting product will take many forms, such as digital videos, websites, and interactive performances.

Visual and Performing Arts

Coherent Sequence of Courses
Judson ISD

Performing Arts – Four credits of sequential classes in UP TO TWO of the following strands, MUSIC, THEATRE, OR DANCE, as long as at least one level of III or IV courses are included. (For example, a student might take courses in both Theatre and Dance, or courses in both Music and Theatre).

THEATRE (Performance) Note: Performance and Technical Pathways may be intermixed.	• 771 Theatre Arts I • 781 Theatre Production I • 775 Musical Theatre	• 772 Theatre Arts II • 782 Theatre Production II • 776 Musical Theatre II	• 773 Theatre III • 783 Theatre Production III • 778 Musical Theatre III	• 794 Theatre Arts IV • 784 Theatre Production IV • 779 Musical Theatre IV
THEATRE (Technical) Note: Performance and Technical Pathways may be intermixed.	• 791 Technical Theatre I	• 792 Technical Theatre II • 792Y1 Technical Theatre II: Costume Construction	• 793 Technical Theatre III • 793Y1 Technical Theatre III: Costume Construction	• 794 Technical Theatre IV • 794Y1 Technical Theatre IV: • Costume Construction

THEATRE

771 THEATRE ARTS I **03250100**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Theatre Arts I is an introduction to the dramatic arts. Topics include basic warmups and acting techniques, a brief overview of the history of theatre arts; interpreting dramatic literature. Careers in Theatre; and an introduction to the technical elements of theatrical production.
772 THEATRE ARTS II **03250200** **773 THEATRE ARTS III** **03250300** **774 THEATRE ARTS IV** **03250400**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	These courses build on the background established in Theatre Arts I, continuing the study of the historical evolution of the theatre, dramatic literature, and production styles. Basic components of production are studied and applied through performance. **Prerequisite: Successful completion of the previous level of Theatre Arts I, II, or III and recommendation of the teacher.**
775 MUSIC THEATRE I **03251900** **776 MUSIC THEATRE II** **03252000** **778 MUSIC THEATRE III** **03252100** **779 MUSIC THEATRE IV** **03252200**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	The musical theatre program is designed to train actors in a wide range of skills, techniques and experiences that provide a broad range overview of theatrical performance, practice, history, and literature. Musical theatre techniques will focus on theatrical performance, dance, and vocal music. Students are expected to participate as a performer or as a member of the production/artistic team.

781 THEATRE PRODUCTION I **03250700** **782 THEATRE PRODUCTION II** **03250800** **783 THEATRE PRODUCTION III** **03250900** **784 THEATRE PRODUCTION IV** **03251000**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	Students will become a performing group and produce theatre, including UIL one-act play competition. Participation in plays and contests are mandatory. **Prerequisite: Audition with theatre teacher.**
791 TECHNICAL THEATRE I **03250500**	**Yearlong** **Grade 10-12** **Credit 1** **Weight 1.0**	Students will learn all aspects of the backstage side of theatre including set construction, scenic art, set design, lighting, rigging, sound, costuming, make-up, theatre management, box office and publicity. This will be hands-on course with many opportunities.
792 TECHNICAL THEATRE II **03250600** **793 TECHNICAL THEATRE III** **03251100** **794 TECHNICAL THEATRE IV** **03251200**	**Yearlong** **Grade 11-12** **Credit 1** **Weight 1.0**	This course builds on the background established in Technical Theatre I; continuing the opportunities to experience all technical aspects of the theatre. ***Prerequisite: Technical Theatre I and teacher approval.***
747 THEATRE & MEDIA COMMUNICATIONS I **03251300** **748 THEATRE & MEDIA COMMUNICATIONS II** **03251400**	**Yearlong** **Grade 9-12** **Credit 1** **Weight 1.0**	In Theatre and Media Communications I & II, students engage in pragmatic theatrical study coupled with video and audio design. Creation and analysis of student performances balance with exploration of contemporary practices in digital media. Students learn how to fuse traditional stagecraft with current technological applications to create new media, such as animations, digital images, and multimedia presentations.
771D INTRODUCTION TO THEATRE **DUAL CREDIT** **DRAM 1310** **03250100**	**Semester** **Grade 10-12** **Credit 1** **Weight 1.1** **College Credit: 3 Hours**	This is a course designed to provide a survey of the main fields of theatre activity thus providing a background for the appreciation and enjoyment of live theatre through an understanding of the elements of play analysis, acting, directing, technical theatre and the collaborative nature of live theatre. ***Prerequisite: Attempted TSIA***

Multidisciplinary Studies

A student may earn a Multidisciplinary Studies Endorsement by completing the Foundation High School Program and:

Algebra II **AND**

Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence

OR

Four credits in each of the four foundation subject areas to include chemistry and/or physics and English IV or a comparable AP or IB English course.

OR

Four credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts

It is the policy of the Judson ISD and its career and technology education program not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Acts of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

Es norma de el Distrito Escolar de Judson y el programa educacional de carreras y tecnología de no discriminar por motivos de raza, color, origen nacional, sexo o impedimento, en sus programas, servicios o actividades vocacionales, tal como lo requieren el Titulo VI de la Ley de Derechos Civiles de 1964, según enmienda; el Titulo IX de las Enmindas en la Educación, de 1972, y la Sección 504 de la Leyde Rehabilitación de 1973, según enminda.