

WIMBERLEY HIGH SCHOOL



COURSE GUIDE

2023-2024

Updated January 17, 2023

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ACADEMIC INFORMATION

GRADE LEVEL ADVANCEMENT

The listing below is a summary of the minimum number of course credits required for grade level classification:

- Sophomore:** 5 Credits
- Junior:** 10 Credits
- Senior:** 15 Credits

Credits earned prior to High School enrollment will not be used for classification purposes. Changes in the grade level classification will be made after the completion and calculation of earned credits from each school year. Reclassification at semester, due to extenuating circumstances, must be approved by the principal. Students entering the school year with 15 credits will not be classified as a senior unless the student is able to graduate with the current year's graduating class.

The Wimberley Independent School District, in compliance with State Board of Education Rules, will make all promotions only on the basis of academic achievement.

GRADE POINT AVERAGE (GPA)

The Cumulative Grade Point Average (GPA) is a computer-generated calculation based on a weighted Grade Point Average Scale. All courses will be designated with a weighted numerical value of 4.0 for Regular Courses, 5.0 for Honors and Advanced Courses, and 6.0 for Advanced Placement and ACC Dual-Credit Courses. Course weight will be determined by a consensus of the faculty department chairperson, the high school principal, and the superintendent of schools, in compliance with state-mandated guidelines. Please refer to the Course Weightings by Subject and Graduating Class for course weight designation.

GPA calculation is determined by the addition of accumulated grade points divided by the number of grade point credits.

GPA is rounded to the nearest 1/1000th decimal place.

Grade Points: Numerical calculation derived from each semester grade in course based on course weight

Grade Point Credits: Course credits used in calculating GPA

Earned Credits: Course credits used to satisfy state-approved number of credits for graduation

Semester grades of 69 or below receive 0 grade points and 0 grade point credits; however, the District shall award earned credit for a full session (1 credit) course on a term-by-term basis.

In a full session course where either term grade is below 70 and the two term grades are averaged to a grade of 70 or better, one earned credit shall be given.

The following chart is used for conversion of numeric grade to grade points:

Numeric Score	Advanced	Honors	Regular
100	6.0	5.0	4.0
99	5.9	4.9	3.9
98	5.8	4.8	3.8
97	5.7	4.7	3.7
96	5.6	4.6	3.6
95	5.5	4.5	3.5
94	5.4	4.4	3.4
93	5.3	4.3	3.3
92	5.2	4.2	3.2
91	5.1	4.1	3.1
90	5.0	4.0	3.0
89	4.9	3.9	2.9
88	4.8	3.8	2.8
87	4.7	3.7	2.7
86	4.6	3.6	2.6
85	4.5	3.5	2.5
84	4.4	3.4	2.4
83	4.3	3.3	2.3
82	4.2	3.2	2.2
81	4.1	3.1	2.1
80	4.0	3.0	2.0
79	3.9	2.9	1.9
78	3.8	2.8	1.8
77	3.7	2.7	1.7
76	3.6	2.6	1.6
75	3.5	2.5	1.5
74	3.4	2.4	1.4
73	3.3	2.3	1.3
72	3.2	2.2	1.2
71	3.1	2.1	1.1
70	3.0	2.0	1.0
Below 70	0	0	0

Courses repeated for "Audit" receive 0 earned credit, 0 grade point credit and 0 grade points. "Audit" courses are used for UIL eligibility purposes.

GPA for “Students Entering Grade 9 in School Year 14-15 & Thereafter” includes a select group of Core Courses, AP Courses, and Early College Start Courses. In addition, the following course situations will not count on GPA. Courses earned in the following situations will count as earned credit only.

- Courses taken outside the regular school year
- Correspondence Courses
- Summer School Courses
- Credit by Exam
- Credit Recovery
- Online Courses provided outside WISD (Effective for all students entering grade 9 in the 2012-13 School Year and thereafter)

CLASS RANK

Class rank is determined by a numerical listing of Cumulative GPA, from highest to lowest, within each grade classification. Class rank is calculated upon the completion of each school year.

For the purpose of determining honors to be conferred during graduation activities, the District shall calculate class rank in accordance with Local EIC Policy and administrative regulations by using grades available at the time of calculations at then end of the fifth six week grading period of the senior year. Graduating senior final class rank will reflect grade point credit coursework in grades 9-12.

Class rank for transfer students will be established by conforming all coursework completed prior to enrollment in Wimberley High School to the WISD-approved, weighted grade point average scale. Transfer courses that WHS does not offer will receive earned credit only. Upon completion of the transfer student’s GPA, in accordance with WISD-approved GPA calculation, the student will then be ranked within the current grade classification. **The following conversion chart will be used when a transfer student’s grades are reported by letter grades only:**

A+	98	B+	88	C+	78	D	70
A	95	B	85	C	75	F	69
A-	92	B-	82	C-	72		

Class rank for early graduates will be established in accordance with the expected completion date of all graduation requirements. Students attempting to complete WISD and state graduation requirements during the regular school year will be included in the class rank of the current year’s graduating senior class. Students attempting to complete WISD and state graduation requirements outside of the regular school year will be included in the class rank of the current year’s graduating senior class.

HONOR GRADUATES

The **top ten percent** of the students in the graduating class will be recognized as honor graduates and will receive an award certificate at graduation exercises. Additionally, each applicant for admission to any general academic teaching institution as listed in Education Code 61.003 will be automatically admitted to the institution if the applicant:

1. Is a first-time freshman;
2. Graduated in one of the two school years preceding the academic year for which the applicant is applying for admission from a public or private high school in Texas that is accredited by a generally recognized accrediting organization; and
3. Graduated with a grade point average in the top ten percent of the student’s high school graduating class.

High School rank for students seeking automatic admission to a general teaching institution on the basis of their class rank is determined and reported as follows:

1. Class rank shall be based on the end of the eleventh grade, middle of the twelfth grade, or at high school graduation, whichever is most recent at the application deadline.
2. The top ten percent of a high school class shall not contain more than ten percent of the total class size.
3. The student’s rank shall be reported by the applicant’s high school or school district as a specific number out of a specific number total class size.
4. Class rank shall be determined by the Texas school or school district from which the student graduated or are expected to graduate. (Education Code 51.803)

The University of Texas-Austin will automatically admit the **top 6%** of freshman applicants from Texas high schools and the remaining spaces will be filled with students under holistic review.

In accordance with current WISD-approved policy, valedictorian and salutatorian are respectively named as the two students with the highest GPA in the graduating senior class. **To be eligible for either honor, a student must have continuously attended Wimberley High School for their entire sophomore, junior, and senior year, and must have completed the Recommended or Distinguished Achievement Program.**

Administrative discretion by the principal, or principal’s designee, is retained in resolving conflict arising from policy.

In the event the top two students maintain the same GPA/Class Rank, both students will share the valedictorian honor with no salutatorian being named; however, the Highest Ranking Graduate Designation and Scholarship, provided by the State of Texas will be selected by core course GPA calculation through the fifth decimal place. Should a tie develop for salutatorian, all those tied shall be recognized.

ADMINISTRATIVE-APPROVED SCHEDULE CHANGES

Pursuant to Senate Bill 1 of the Texas Education Code, Chapter 25, Admission, Transfer, and Attendance, Section 25.092 Minimum Attendance for Class Credit states:

(a) Except as provided by this section, a student may not be given credit for a class unless the student is in attendance for at least 90 percent of the days the class is offered.

Wimberley High School, in compliance with the above stated statute, will provide a period at the **beginning of the Fall semester for administrative-approved schedule changes**. After this period, all requested schedule changes must be addressed by the following procedure:

1. Student must attend an appropriate number of tutorials as determined by the teacher.
2. Student must turn in all classwork.
3. Student must conference with the teacher.
4. Parent of the student must conference with the teacher.

Only after the completion of the above requirements and the approval of the principal will a schedule change be addressed. **Please note that schedule changes granted after the initial period at the beginning of the Fall semester, may result in loss of credit.**

ACADEMIC CREDIT RECOVERY

- Credit recovery must be approved by principal
- Credit recovery consists of a computer-based program of instruction (Edgenuity)
- Credit recovery will count as earned credit only, will not replace grade of failed course, and will not count on GPA

STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS (STAAR) ACCELERATION PROGRAMS

Any student (grades 9-12) failing to meet the established state passing standard on the STAAR English Language Arts, Mathematics, Science, or Social Studies Examination will be required to attend the following accelerated programs (as offered):

- Accelerated STAAR Summer School
- STAAR Summer Testing
- Accelerated STAAR English Language Arts, Math, Science, Social Studies Courses
- Mandatory Accelerated STAAR Tutorials

CREDIT BY EXAMINATION

According to Wimberley ISD Board Policy EHDC (LEGAL), the District shall give a student in grades 6-12 credit for an academic subject in which the student has **received no prior instruction if the student scores 90 percent or above** on a criterion-referenced examination for acceleration for the applicable course.

According to Wimberley ISD Board Policy EHDB (LOCAL), the District shall give a student in grades 6-12 credit for an academic subject in which the student has **received prior instruction if the student scores 70 percent or above** on a criterion-referenced examination for the applicable course.

Examinations used to earn credit shall assess the student's mastery of Texas Essential Knowledge and Skills and shall be properly evaluated before credit will be granted. "Credit by Examination" shall appear on the academic achievement record for students in grades 9-12, subject to approval by district administrators and the student's parent or guardian.

Credit by Exam(s) results must be provided to the counselor/registrar no later than 30 days prior to the end of the semester for which credit is to be awarded. For students completing Credit by Exam(s) for required graduation credit, the results must be provided to the counselor/registrar no later than 30 days prior to the date of graduation. Credit by exam shall not be used to gain eligibility for participation in extracurricular activities.

Credit by exam is provided during the summer by WISD. Students must pre-register with their counselor for the exams.

CORRESPONDENCE COURSES

Wimberley ISD will allow resident students, students temporarily residing abroad, or out-of-school youth and adults to earn units of credit in grades 9-12 by taking correspondence courses from another educational institution. Credit toward state graduation requirements shall be granted only under the following conditions:

1. The institution offering the course is The University of Texas at Austin, Texas Technological University, or another public institution of higher education approved by the Texas State Commissioner of Education.
2. The correspondence course includes the state-required TEKS for such a course.
3. The specific course has been approved by the Texas State Commissioner of Education.

Resident students may earn a maximum of four credits to count toward state graduation requirements by correspondence. Students temporarily living abroad and out-of-school youth and adults shall earn a minimum of 12 state-required credits in residence. [19 TAC 75.163(a), (b)]

Correspondence Course(s) results must be provided to the counselor/registrar no later than 30 days prior to the end of the semester for which credit is to be awarded. For students completing Correspondence course(s) for required graduation credit, the results must be provided to the counselor/registrar no later than 30 days prior to the date of graduation.

TEXAS VIRTUAL SCHOOL NETWORK

TxVSN acts as a statewide clearinghouse for quality Online Courses. These courses are fee-based (paid for by students).

Effective for all students entering grade 9 in the 2012-13 School Year and thereafter online courses provided outside WISD will count as earned credit only. Please see WHS Counseling Center for details.

GIFTED/TALENTED EDUCATION PROGRAM

In accordance with the Texas State Plan for the Education of Gifted/Talented Students, Wimberley ISD is committed to the identification, selection, and placement of gifted/talented students in grades K-12.

Wimberley High School actively provides services for the gifted/talented (G/T) student by providing an array of learning opportunities that emphasizes content in the four core academic areas and is commensurate with the abilities of gifted/talented (G/T) students. Students identified as gifted/talented are encouraged to enroll in G/T specific, Honors, and Advanced Placement Courses.

HONORS COURSES

Honors Courses are designed to prepare students for AP Courses. The courses are significantly more demanding than regular courses. Students and parents must be aware that more advanced levels of reading, homework, and projects will be required.

ADVANCED PLACEMENT COURSES

Advanced Placement Courses are designed to meet the national standards of The College Board and are intended to prepare students to take the AP Examinations. These courses are rigorous in content and require dedication from the students involved.

Students who receive a failing grade for any two consecutive grading periods will be required to attend a conference between the student's parent(s), the AP course instructor, and the principal.

Students enrolled in an AP Course are not required to take the AP Exam. In order to receive high school AP credit, students must meet minimum standards for the course. Each university sets requirements for granting college credit.

The AP Exams are administered in May and have a required fee that is paid by the student. Students receiving free or reduced lunch may qualify to have all or part of the fee waived.

Dual Enrollment Program - UT OnRamps

OnRamps is a for cost dual enrollment option for students in specific classes. Students are enrolled in the local credit course and college credit course through the UT System. WHS will offer Statistics and College Algebra. Students will be required to pay a fee for the course which will be communicated to the students prior to the beginning of the course.

ARTICULATED CTE/COURSES

Get College Credit through ACC

Many Career Technology Education (CTE) courses offered at WHS have been articulated for COLLEGE CREDIT through Austin Community College. After successful completion of the articulated class (average of 80 or better, and teacher approval), WHS will forward the information to ACC where they will put "Credit-in-Escrow" for the student. Once the student enrolls at ACC and successfully completes at least one ACC credit course, the "Credit-in-Escrow" will be applied to that student, at no cost to the student.

WHS articulated courses include: Entrepreneurship, Accounting I, Principles of Business, Marketing, & Finance, Graphic Design & Illustration I & II, Web Technologies, Game Programming & Design, Construction Technology I, and Engineering Design & Presentation I.

DUAL CREDIT PROGRAM

Wimberley ISD has articulated an agreement between Wimberley High School and Austin Community College, which allows Grades 9-12, with permission of parent, counselor, and principal, to enroll in classes meeting the following criteria:

Dual Credit or Co-Enrollment - a course that earns college credit and may be used to satisfy high school graduation requirements.

Credit-in-Escrow - a course that is part of a Tech-Prep articulation agreement between WHS and ACC. After high school graduation, the program of study is continued at ACC and awarded credit in escrow for high school courses identified in the agreement.

The requirements for a college course to be considered for Dual Credit at the high school level are that 1) it must provide advanced academic instruction beyond or in greater depth than the TEKS defined by the Texas Education Agency, 2) the college offering the course must be accredited, 3) the student must have the permission of the parent, counselor, and the principal, and 4) the student must meet all admissions requirements established by the college.

Dual Credit Courses may meet criteria for the **Distinguished Level of Achievement** and generally transfer from ACC to another institution. The accepting institution will determine if the course will transfer.

Tuition and fees are not charged for Dual Credit Courses taken on the Wimberley High School campus; however, students are required to pay for textbooks and materials. Distance Learning/Online Courses, through ACC, and courses taken on an ACC campus require a \$150.00 fee per course

Students must complete an ACC Application for Admission Packet and must pass the TSI Assessment (or the ACC Alternative Test) prior to enrollment in a course. Students exempt from the TSI Assessment, by STAAR, SAT, or ACT must provide verification, and an official Wimberley High School Transcript must accompany the Application for Admission. **All items must be completed in compliance with WHS and ACC deadlines for admission.**

Dual Credit classes will count as a weighted (6.0) course. Only designated courses will count on the student's grade point average (GPA). To receive state-required graduation credit, students must attend no less than 90% of the time the class is offered.

Note: In accordance with WHS cumulative GPA calculation, only select ACC Dual Credit Courses will count on a student's GPA.

As Dual Credit grades are reported by letter only, the following conversion chart will be used :

A	95	B	85	C	75	D	70	F	69
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Students enrolled in Dual Credit classes are considered Austin Community College students; therefore, all confidentiality issues under FERPA are limited to the student. Access to grades in progress by WHS administration is disclosed by the student. Curriculum for ACC Dual Credit courses are established and monitored by Austin Community College.

DUAL CREDIT COURSES COUNTING FOR GPA CREDIT MUST BE TAKEN AT WIMBERLEY HIGH SCHOOL. COURSES TAKEN BY DISTANCE LEARNING AND AUSTIN COMMUNITY COLLEGE ON-CAMPUS COURSES WILL NOT COUNT FOR GPA CREDIT.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

Wimberley High School provides a comprehensive program of study for students with limited English proficiency. The program is designed for speakers of languages other than English and is focused upon providing an educational transition to an English-speaking setting. For students whose first language is other than English, the native language serves as the foundation for English language acquisition. Cognitive skills transfer from one language to another, and students literate in their first language will apply these skills and other academic proficiencies to the second language.

GRADUATION UNDER SPECIAL EDUCATION PROGRAM

A student who has completed four years in a state-approved special education program at the high school level will be eligible to receive a diploma under one of the following conditions:

1. The student meets the requirements as specified in the Texas Education Agency's **Administration Guide and Handbook of Special Education**.
2. The student is in a cooperative, work-study program under the supervision of a Vocational Adjustment Coordinator and Texas Rehabilitation Commission.
3. The student is recommended for graduation by the Texas Rehabilitation Counselor and the Admissions, Review, and dismissal (ARD) Committee and approved by the principal.

HOME SCHOOL INFORMATION

The State of Texas does not award a diploma to students that are homeschooled. In addition, the Texas Education Agency does not regulate, index, monitor, approve, nor register the programs available to parents that choose to homeschool. **In the event a home-schooled student wishes to enter WISD, policies and procedures are in place to assess the mastery level of courses that students in home schools have taken. The results of the assessments may be used for grade placement and/or award of credit.**

When the District becomes aware that a student is being, or will be home schooled, the Superintendent, or Superintendent's designee, may request a letter of notification from the parents of their intention to homeschool using a curriculum designed to meet basic education goals of reading, spelling, grammar, mathematics, and a study of good citizenship. If the parents refuse to submit a letter of notification or if the District has evidence that the school-age child is not being home schooled, the District may investigate further and, if warranted, shall pursue legal action to enforce the compulsory attendance law.

WIMBERLEY INDEPENDENT SCHOOL DISTRICT NOTICE OF NONDISCRIMINATION

Wimberley Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing educational services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972 and Section 504 of the Rehabilitation Act of 1973, as amended.

Wimberley Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

The following District staff member has been designated to coordinate compliance with these requirements:

Title IX and 504 Compliance Coordinator:

Jason Valentine
WISD, 951 FM 2325, Wimberley, Texas 78676

Services for the Homeless and for Title I Participants - Other designated staff you may need to contact include:

Liaison for Homeless Children and Youths, who coordinates services for homeless students:

Jason Valentine
WISD, 951 FM 2325, Wimberley, Texas 78676

Parent Involvement Coordinator, who works with parents of students participating in Title 1 programs:

Jason Valentine
WISD, 951 FM 2325, Wimberley, Texas 78676

WIMBERLEY INDEPENDENT SCHOOL DISTRICT NOTICE OF NONDISCRIMINATION

Es la política del distrito independiente de la escuela de Wimberley a no discriminar en base de la raza, del color, del origen nacional, del sexo, o de la desventaja en sus programas vocacionales, servicios según los requisitos del titular VI del acto de las derechas civiles de 1964, según la enmienda prevista por Title IX de las enmiendas de Educatin de 1972, y de la sección 504 del acto de la rehabilitación de 1973, según la enmienda prevista. Además, WISD tomará medidas para asegurar que la carencia de las habilidades de lengua inglesa no será una barrera a la admisión y participación en todos los programas educativos y vocacionales.

ALL STUDENTS ENTERING WIMBERLEY HIGH SCHOOL IN GRADE 9 IN THE SCHOOL YEAR 2014-15 & THEREAFTER, MUST ENTER WITH THE FOUNDATION PROGRAM & AT LEAST ONE ENDORSEMENT

Section 504 Services

Section 504 of the Rehabilitation Act of 1973 prohibits discrimination and assures that students with disabilities have educational opportunities commensurate to those provided to nondisabled students. Eligible students are regarded as having a physical or mental impairment that substantially limits one or more major life activities. Once identified, students are ensured access to a Free and Appropriate Public Education through accommodations provided the district in the general education setting. The statute is intended to prevent intentional or unintentional discrimination against persons with disabilities. Questions related to Section 504 supports can be directed to the campus Section 504 Coordinator or to your student's counselor at (512)847-5729, or to the District Director of Special Services at (512)847-7567.

Special Education Services

Wimberley ISD provides a continuum of specially designed instructional services and supports to meet the needs of students with disabilities who are determined eligible to receive special education services by their IEP Teams. Services and supports may include, but are not limited to, Speech and related services, accommodations, vocational or transition education classes, modified curriculum, or alternate curriculum. Students may receive these services and supports in the special education setting or the general education setting depending upon the decisions of the IEP Team and in accordance with their IEP (Individualized Education Plan). Students receiving special education services may be eligible to enroll in courses in the Special Education setting depending upon the decisions of their IEP Team and in accordance with their IEP. For questions regarding enrollment in these courses or your student's IEP, please contact your student's Special Education Folder Teacher or the Campus Special Education Coordinator at (512)847-5729. For questions regarding Special Education eligibility, please contact your student's campus counselor or the District Director of Special Services at (512)847-7567.

WIMBERLEY ISD GRADUATION REQUIREMENTS

Effective for all students entering Grade 9 In School Year 2014-15 & Thereafter
Foundation + Endorsement Program /WISD 4X4

	Credits
English* English I, II, III, IV	4
Mathematics* Algebra I, Geometry & two advanced Math courses (must be enrolled in a math course each year)	4
Science* Must include Biology, Chemistry, Physics, & advanced Science course	4
Social Studies* World Geography, World History, US History, US Government/Economics	4
(WHS students are required to be in each of the 4 core subjects EACH year of High School (4X4). Students who "Double Up" or earn HS Credit in JH, may graduate with 4+ credits in any of the core classes if they choose to "Double Up" or took Alg I in JH.	
Languages Other Than English (LOTE)	2
Physical Education	1
Fine Arts	1
Endorsements (4-course sequence of specified courses)	6
Enrichments (2 courses to include: Health, Professional Communications, 1/2 credit each)	
Total Credits:	26

Distinguished Level of Achievements

A student must successfully complete at least one Endorsement, including 4 credits in Science & 4 credits in Math to include Algebra II. Students must be enrolled in an English, science, social studies, and math class all 4 years of high school. That may mean that a student graduates with more than 4 credits in math and science.

Performance Acknowledgements

A student may earn a performance acknowledgement on their transcript for outstanding performance on any of the following:

- Completing at least 12 hours of college academic courses, including dual-credit & advanced technical credit
- In bilingualism & bi-literacy
- On a college AP or IB exam
- On the PSAT, ACT-PLAN, SAT or ACT
- For earning a nationally or internationally recognized industry certification

Foundation/No Endorsement Program/Administrative Placement

Foundation Program, without Endorsement, is a 22-Credit Graduation Program consisting of 4 credits in English, 3 credits in Mathematics to include Algebra 1 and Geometry, 3 credits in Science to include Biology, 3 credits in Social Studies to include World Geography, United States History, Government and Economics, 2 credits in a Language Other Than English, 1 credit in Physical Education, 1 credit in Fine Arts, and 5 State Approved Electives.

A student may only "opt out" to the Foundation Program at the end of their 10th grade year. This Graduation Program requires administrative approval.

WIMBERLEY HIGH SCHOOL GRADUATION ENDORSEMENTS & PROGRAMS OF STUDY

All students entering Wimberley High School in Grade 9 in the school year 2014-15 & thereafter, must enter with the Foundation program & at least one endorsement.

Arts & Humanities Endorsement

Program of Study

Visual Arts
Performing Arts: Instrumental
Performing Arts: Jazz Band
Performing Arts: Vocal
Performing Arts: Theatre

Business & Industry Endorsement

Program of Study

Agribusiness
Animal Science
Agriculture, Food, and Natural Resources
Environmental and Natural Resources
Plant Science
Applied Agricultural Engineering
Design and Multimedia Arts
Digital Communications
Business Management
Marketing and Sales

Public Services Endorsement

Program of Study

Healthcare Therapeutic
Healthcare Diagnostics
Teaching and Training
Family & Community Services

Science, Technology, Engineering & Mathematics Endorsement

Program of Study

Science: Biological
Science: Chemical & Physical
Engineering
Mathematics

Multidisciplinary Studies Endorsement

Program of Study

Allows a student to complete prescribed courses from each of the four foundation subject areas, advanced placement courses from each of the four foundation subject areas or four advanced courses from within one endorsement area or among endorsement areas not in a coherent sequence.

WIMBERLEY HIGH SCHOOL

CORE GPA CREDITS (Current 9th-11th Graders)

CUMULATIVE GPA CALCULATION

For 9th grade entering WHS 2020-2021 School Year and thereafter

English Language Arts Core Credit

English I (4.0) or English I (Honors) (5.0)

English II (4.0) or English II (Honors) (5.0)

English III (4.0) or English III AP (6.0) or DC Composition I/II (6.0)

English IV (4.0) or English IV AP (6.0) or DC Composition I/II (6.0) or British Literature I/II (6.0)

Mathematics Core Credit

Algebra I (4.0) or Algebra I (Honors) (5.0)

Geometry (4.0) or Geometry (Honors) (5.0)

Algebra II (4.0) or Algebra II (Honors) (5.0) - Distinguished Credit Requirement

Pre-Calculus (4.0) or Pre-Calculus Honors (5.0)

Calculus AP (6.0)

Science Core Credit

Biology I (4.0) or Biology I (Honors) (5.0)

Chemistry I (4.0) or Chemistry I Honors (5.0)

Biology AP (6.0) or DC Biology (6.0)

Chemistry AP (6.0) or DC Chemistry (6.0)

Physics (4.0) or Physics BI AP (6.0) or DC Physics (6.0)

Social Studies Core Credit

World Geography (4.0) or World Geography Honors (5.0)

World History (4.0) or World History AP (6.0) or DC World History I/II (6.0)

US History (4.0) or US History AP (6.0) or DC US History I/II (6.0)

US Government (4.0) or US Government AP (6.0) or DC US Government (6.0) - one semester

Economics (4.0) Or Economics (Honors) (5.0) or DC Economics (6.0) - one semester

WIMBERLEY HIGH SCHOOL COURSE GUIDE

2022-2023

Administrative Placement

5CPCE

College Preparatory Course English Language Arts

Grade: 12

Credits: 1

Target Group: Students needing to be considered college ready based on the skills necessary to pass the TSI Assessment.

ADMINISTRATIVE PLACEMENT ONLY

General Purpose: To provide students with the opportunity to remediate skills necessary for successful passing of the TSI Assessment

5CPCM

College Preparatory Course Mathematics

Grade: 12

Credits: 1

Target Group: Students needing to be considered college ready based on the skills necessary to pass the TSI Assessment.

ADMINISTRATIVE PLACEMENT ONLY

General Purpose: To provide students with the opportunity to remediate skills necessary for successful passing of the TSI Assessment

5PFL

Personal Financial Literacy

Grade: 12

Credits: .5

Target Group: Students needing to be considered college ready based on the skills necessary to pass the TSI Assessment and needing a financial plan for paying for College.

ADMINISTRATIVE PLACEMENT ONLY

General Purpose: To provide students with the opportunity to research personal financial literacy, including instructions in methods of paying for college and other postsecondary education and training.

5TECWT

Research & Technical Writing

Grade: 9-12

Credits: 1

Target Group: Students needing to pass an ELA EOC

ADMINISTRATIVE PLACEMENT ONLY

General Purpose: To provide students with the opportunity to remediate skills necessary for successful passing of the ELA EOC.

5PATH1 (First time taken)

5PATH2 (Second time taken)

5PATH3 (Third time taken)

5PATH4 (Fourth time taken)

Path-College/Career Prep I-IV

Grade: 9, 10, 11, 12

Credits: 1

Prerequisite:: None

Advances intellectual curiosity, conscientiousness, dependability, emotional stability and perseverance through tasks that foster deeper levels of reasoning in the four core content areas. Path courses focus on developing the habits and skills that are expected in college study and the workforce.

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NOTES

WIMBERLEY HIGH SCHOOL COURSE GUIDE

2022-2023

Course #	Course Name	Course Description
ENGLISH		
5ESOL1	ESOL 1	Grades: 9, 10, 11, 12 Credits: 1 Target Group: Speakers of other languages General Purpose: Provides a transition to English-speaking setting Emphasis: Talking and writing about their homes, cultures, experiences while learning English.
5ESOL2	ESOL 2	Grades: 10, 11, 12 Credits: 1 Prerequisite: 5ESOL 1 General Purpose: Continues to provide a transition to English-speaking setting Emphasis: Sharpening listening, speaking, reading, and writing skills in English
5ESOL3	ESOL 3	Grades: 11, 12 Credits: 1 (Local) Prerequisite: ESOL 2 General Purpose: Continues to provide a transition to English-speaking setting Emphasis: Continued practice in listening, speaking, reading, and writing skills in English <i>Note: Students taking this course must also take English III (ENG3)</i>
5ESOL4	ESOL 4	Grade: 12 Credits: 1 (Local) Prerequisite: ESOL 3 General Purpose: Continues a transition to English speaking setting Emphasis: Continued practice in listening, speaking, reading, and writing skills in English

		<p><i>Note: Students taking this course must also take English IV (ENG4)</i></p> <p><i>Purpose: Preparing students to pass grade level STARR Writing EOC Exam.</i></p>
5ENG1	English I	<p>Grade: 9 Credits: 1</p> <p>General Purpose: Provides world literature as a base for extending English skills Emphasis: Developing writing and grammar skills, Producing a research project. Studying literary forms such as novels, drama, short stories, poetry and essays.</p>
5ENG1P	English I (Honors)	<p>Grade: 9 Credits: 1</p> <p>Prerequisite: Carefully read page 6 pertaining to Honors courses. Summer reading required. See Dept. Head for details.</p> <p>General Purpose: Students learn to write and analyze well enough to obtain possible college credit in English by examination during Senior year of High School</p> <p>Emphasis: Reading and analyzing world literature. Practicing higher level thinking and writing skills based on independent reading and writing. Creating a research project.</p>
5ENG2	English II	<p>Grade: 10 Credits: 1</p> <p>Prerequisite: English I</p> <p>General Purpose: Provides world literature as a base for extending English skills beyond the level of English I.</p> <p>Emphasis: On persuasive and declarative modes. Reviewing grammar and usage skills. Studying novels, plays, short stories, poetry and essays. Preparing to pass the Exit Level STAAR test.</p>
5ENG2P	English II (Honors)	<p>Grade: 10 Credits: 1</p> <p>Prerequisite: Successful completion of ENGI (Honors) or ENGI. Parental permission required. Carefully read page 6 pertaining to Honors courses. Summer reading required. See Dept. Head for details.</p> <p>General Purpose: Students continue to write and analyze well enough to obtain possible college credit in English by examination during Senior year of High</p>

		<p>School.</p> <p>Emphasis: Developing writing skills for the college bound student. Reading and analyzing world literature. Practicing higher level thinking and writing skills based on independent reading and writing. Creating a research project and presenting the findings in a multimedia program.</p>
5ENG3	English III	<p>Grade: 11 Credits: 1</p> <p>Prerequisite: English I, II General Purpose: Provides American literature as a base for extending English skills. Emphasis: Chronological survey of American literature including a variety of class novels. Study of composition and language use with review of sentence structure, organization of paragraph, essay writing, and critical analysis of literature. Creating a research project.</p>
5ENG3A	English III (AP) Language and Composition	<p>Grade: 11 Credits: 1</p> <p>Prerequisite: Successful completion of ENGII (Honors) or ENGII. Carefully read page 6 pertaining to AP courses. Summer reading required. See Dept. Head for details. General Purpose: Third step in preparing students to do well in college English and producing students able to write and analyze well enough to obtain possible college credit in English by examination during senior year of high school. Emphasis: Intensive in-depth exploration of the foundation of American literature, reading prose written in various historical periods, disciplines, and rhetorical contexts. Extensive instruction in composition and research. Numerous literary works studied to give sufficient preparation in analyzing the language and style of prose passages.</p>
5ENG4	English IV	<p>Grade: 12 Credits: 1</p> <p>Prerequisite: English I, II, III General Purpose: Provides British literature as cultural base for modern society and emphasizes written discourse appropriate for the business world, the larger society and higher education. Emphasis: A planned progression of critical thinking</p>

		skills guiding students in the development of reading and writing skills which will enable them to analyze independently the prose and poetry of the English-speaking world. A major research paper and the senior project.
5ENG4A	English IV (AP) Literature and Composition	Grade: 12 Credits: 1 Prerequisite: Successful completion of ENGIII (AP) or ENGIII. Carefully read page 6 pertaining to AP courses. Summer reading required. See Dept. Head for details. General Purpose: To prepare students for success in college English and enable them to obtain possible college credit in English by examination. Emphasis: A study of numerous British and world literary classics, coupled with intensive attention to writing skills and critical thinking skills. Independent reading and interpretation of works comprising the foundations of Western thought.
5COLE1	Composition I - DC/ENG 3	Grade: 11 Credits: .5 Prerequisite: Successful completion of ENGIII or ENGIII (Honors). This course is for Junior students. <i>Note: This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description. Also carefully read page 5 for the WHS course book for requirements for DC classes.</i> <i>Note: This course can count for ENGIII A. Students should check with the colleges/universities they plan to attend to see if college credit will be granted.</i>
5COLE2	Composition II - DC/ENG 3	Grade: 11 Credits: .5 Prerequisite: Successful completion of 5COLE1 with a grade of C or better. <i>Note: This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description. Also carefully read page 5 for the WHS course book for requirements for DC classes.</i> <i>Note: This course can count for ENGIII B. Students should check with the colleges/universities they plan to attend to see if college credit will be granted</i>
5COES1	Composition I - DC/ENG 4	Grade: 12 Credits: .5

		<p>Prerequisite: Successful completion of ENGIII or ENGIII (AP). This course is for senior students. <i>Note: This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description. Also carefully read page 5 for the WHS course book for requirements for DC classes.</i></p> <p>Note: This course can count for ENGIVA. Students should check with the colleges/universities they plan to attend to see if college credit will be granted.</p>
5COES2	Composition II - DC/ENG 4	<p>Grade: 12 Credits: .5</p> <p>Prerequisite: Successful completion of COLES1 with a grade of C or better. <i>Note: This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description. Also carefully read page 5 for the WHS course book for requirements for DC classes.</i> <i>Note: This course can count for ENGIVB. Students should check with the colleges/universities they plan to attend to see if college credit will be granted.</i></p>
5COBL1	British Literature I - DC/BL 1	<p>Grade: 12 Credits: .5</p> <p>Prerequisite: Successful completion of COLEN1 and COLEN2 with a grade of C or better in COLEN2. <i>Note: This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description. Also carefully read page 5 for the WHS course book for requirements for DC classes.</i> <i>Note: This course can count for ENGIVA. Students should check with the colleges/universities they plan to attend to see if college credit will be granted</i></p>
5COBL2	British Literature II - DC/BL 2	<p>Grade: 12 Credits: .5</p> <p>Prerequisite: Successful completion of 5COLE1 and 5COLE2 with a grade of C or better in 5OLE2. <i>Note: This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description. Also carefully read page 5 for the WHS course book for requirements for DC classes.</i> <i>Note: This course can count for ENGIVB. Students should</i></p>

		<i>check with the colleges/universities they plan to attend to see if college credit will be granted.</i>
5CRWRT	Creative and Imaginative Writing	<p>Grade: 11, 12 Credits: 1</p> <p>Target Group: Students interested in creative writing. General Purpose: To provide students with the opportunity to extend beyond the types of writing included in standard English classes. Emphasis: Practicing a variety of literary genres, including poetry, prose and drama. Analyzing fellow students' creative literature as well as their own. Publishing works in a literary magazine created by students.</p>
5HUMAN	Humanities	<p>Grade: 11, 12 Credits: 1</p> <p>Target Group: Students interested in the understanding, appreciation, and enjoyment of the fine arts. General Purpose: To provide students opportunities to create original works related to the course work. Emphasis: Cultural movements as they are related to art, architecture, music, theatre, literature, philosophy, and values of particular cultures. <i>Note: This does not take the place of English I, II, III or IV. Students may NOT repeat this course.</i></p>
SPEECH		
5SPEEC	Professional Communications	<p>Grade: 9, 10, 11, 12 Credits: .5</p> <p>Designed to introduce students to a variety of speaking/communication situations. Emphasis will be on speaking and listening skills, with a special focus on delivery.</p>

MATHEMATICS

5SLM	Strategic Learning for High School Math / Pre-Algebra	<p>Grade: 9 Credits: 1</p> <p>This course is intended to create strategic mathematical learners from underprepared mathematics students. The basic understanding will stimulate students to think about their approach to mathematical learning. This course will provide foundational support for mathematical concepts, STAAR remediation, and strategic skills for learning. This course should be taken prior to Algebra 1.</p>
5ALG1	Algebra I	<p>Grade: 9, 10 Credits: 1</p> <p>The primary goal is to acquaint students in the use of mathematical ideas in solving problems ranging from everyday applications to the sciences. Students receive a broad spectrum of skills applicable to future studies in math.</p>
5ALG1P	Algebra I (Honors)	<p>Grade: 9 Credits: 1</p> <p>Prerequisite: Carefully read page 6 pertaining to Honors courses. Students need to be prepared for intense mathematical instruction encompassing the use of mathematical ideas in solving a wide variety of problems. Students receive a strong background of skills applicable for future studies in math. Intended for students who plan to continue through Pre-Calculus.</p>
5ALG2	Algebra II	<p>Grade: 10, 11, 12 Credits: 1</p> <p>Prerequisite: Algebra I An extension of first-year Algebra I. Topics include polynomial relations and applications, quadratic relations, functions, probability and systems of equations, exponential and logarithmic functions, and cone sections.</p>
5ALG2P	Algebra II (Honors)	<p>Grade: 10, 11 Credits: 1</p> <p>Prerequisite: Students must have successfully</p>

		<p>completed Algebra I. Carefully read page 6 pertaining to Honors courses.</p> <p>Algebra II Honors requires additional exploratory investigations. Emphasis is placed on topics concerning advanced factoring, the issue of linear programming, exponential and logarithmic functions and the use of real roots of polynomial functions.</p>
5MTHMD	Math Models	<p>Grade: 11, 12 Credits: 1</p> <p>Prerequisite: Algebra 1 and Geometry Math Models is a class designed to bridge the gap between Algebra 1 and Algebra 2. Skills in this class will primarily deal with re enforcing concepts that will be needed to be successful in Algebra 2. Math Models can serve as a 4th math credit.</p>
5GEOM	Geometry	<p>Grade: 9, 10, 11, 12 Credits: 1</p> <p>Prerequisite: Algebra I Concepts of space geometry are integrated with plane geometry. Trigonometry, constructions, coordinate geometry and transformations are additional topics offered. Algebraic skills are reviewed and reinforced.</p>
5GEOMP	Geometry (Honors)	<p>Grade: 9, 10, Credits: 1</p> <p>Prerequisite: Students must have successfully completed Algebra I. Carefully read page 6 pertaining to Honors courses. Students must be prepared for intense mathematical instruction which will encompass the elements of geometry and higher order math processes. Intended for students who plan to continue at least through Pre-Calculus.</p>
5COALG	UT OnRamps College Algebra	<p>Grade: 11, 12 Credits: 1</p> <p>Prerequisite: Algebra 1, Algebra II, and Geometry In this course, students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic. Students analyze data algebraically and with technology while developing their knowledge of properties of functions, matrices and</p>

		<p>systems of equations, and complex numbers. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. The pedagogy of the course, Inquiry-Based Learning, encourages students to take an active role in the construction of their learning. This learning will be accomplished by abstraction, generalization, problem solving, and modeling.</p> <p>3 College Credits UT Course Code: M 301</p>
5STATS	UT OnRamps Statistics	<p>Grade: 11, 12 Credits: 1</p> <p>Prerequisite: Algebra I, Algebra II, and Geometry This course is designed to help you learn the basics of data analysis, including descriptive and inferential statistical procedures that are commonly used in basic statistical research. You will learn techniques for graphing and describing data; explore common function patterns including linear, exponential and logistic functions; be introduced to correlation and linear regression; learn the basic principles of hypothesis testing and the inferences that can be drawn from them; and develop the skills necessary for evaluating the conditional probability of events. This course satisfies the core math requirement at UT Austin and is guaranteed to transfer and apply to any undergraduate degree at all other public colleges and universities in Texas.</p>
5ATOM	Advanced Topics of Math	<p>Grade: 11, 12 Credits: 1</p> <p>Prerequisite: Algebra I, Algebra II, Geometry and Pre-Calculus Designed to be a bridge between Pre-calculus and a full curriculum in Calculus. Curriculum will include in-depth review of algebra topics including exponential and logarithmic, polynomial, and rational functions, as well as sequence and series, a full review of trigonometric functions, the nature of the limits of functions using both algebra and technology and the concepts of differential calculus with a special emphasis on problem solving.</p>
5PRCAL	Pre-Calculus	<p>Grade:11,12 Credits:1</p> <p>Prerequisite: Students must have successfully completed Alg. 2 and Geometry</p>

		Following a reinforcement of Alg. 2, Pre-Calculus adds additional coverage of advanced mathematical topics including trigonometric equations and identities, polar coordinates and complex numbers, and limits.
5PRCAP	Pre-Calculus (Honors)	Grade: 11, 12 Credits: 1 Prerequisite: Students must have successfully completed Algebra II (Pre-AP/Honors) and Geometry (Pre-AP/Honors) or Geometry. Parental permission required. Carefully read page 6 pertaining to Honors courses. Pre-Calculus Honors requires additional coverage of advanced mathematical topics including trigonometric equations and identities, polar coordinates and complex numbers, and limits. The final portion of the course includes a short introduction to Calculus.
5CALAB (AB)	Calculus AB (AP)	Grade: 12 Credits: 1 Prerequisite: Students must have successfully completed Pre-Calculus (Honors). Carefully read page 6 pertaining to AP courses. An advanced study of both differential and integrated calculus. Conceptual and mechanical understandings of Calculus are explored.

SCIENCE

5IPC	Integrated Physics and Chemistry	Grade: 9, 10 Credits: 1 Integration of physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry.
5BIO	Biology I	Grade: 9, 10 Credits: 1 Biological education structuring its content around three basic themes: cell biology, genetics, and living systems, including the classification, functioning and ecology of organisms.
5BIOP	Biology I (Honors)	Grade: 9, 10 Credits: 1

		<p>Prerequisite: Carefully read page 6 pertaining to Honors courses.</p> <p>Biology is the study of living organisms and how they interact with one another. In this fast paced course, students will study all living things in depth, considering how they grow, reproduce, react to change, interact with each other, and eventually die. We will also explore and debate many current issues in science as they relate to everyday life through class discussions, recent scientific articles, labs, and several projects. Course is organized from the macro to microbiology, and ends with a month long preview of AP Biology II. By the end of the year, students will have a deep conceptual understanding of major topics in biology and a skill set to succeed in AP Biology.</p>
5BIO2	Biology II (AP)	<p>Grade: 11, 12 Credits: 1</p> <p>Prerequisite: Biology I Pre-AP/Honors Carefully read page 6 pertaining to AP courses.</p> <p>Advanced Placement Biology II affords students the opportunity to complete an introductory course at the college level. This course is focused on building connections between biology at the cellular and molecular level through biology at the environmental level. Taught macro to micro, the course is extraordinarily fast-paced and covers all major fields of biology as well as data analysis and statistics. Several units and projects are designed to help students understand the complex role biology has on society and the responsibility that students have to make informed decisions about issues raised by advancements and research in biology.</p>
5CHM1	Chemistry I	<p>Grade: 10, 11 Credits: 1</p> <p>Prerequisite: Biology I, Algebra I</p> <p>Basic concepts of chemistry, including the periodic table, atomic structure, chemical reactions, solutions, acids and bases, and organic chemistry. Laboratory work is used to form and test hypotheses, measure and analyze data and draw conclusions based on data and knowledge of chemistry.</p>
5CHMP	Chemistry I (Honors)	<p>Grade: 10, 11 Credits: 1</p>

		<p>Prerequisite: Biology I, Algebra I. Carefully read page 6 pertaining to Honors courses. Preparation for Chemistry II AP or College Chemistry. Emphasis is placed on quantitative chemistry and extensive problem solving. Additional areas, such as solutions, equilibrium, nuclear chemistry, and electrochemistry are studied in depth.</p>
5CHM2P	Chemistry II (AP)	<p>Grade: 11, 12 Credits: 1</p> <p>Prerequisite: Chemistry I Pre-AP/Honors, summer reading requirement. Carefully read page 6 pertaining to AP courses. An in-depth study of chemical concepts and principles integrating the specialized areas of chemistry such as organic chemistry, quantitative and qualitative analysis, and nuclear chemistry. Student activities emphasize accurate observations, collection of data, data analysis and the safe manipulation of laboratory apparatus and materials. Through laboratory experiences, students should gain an operational definition of the concepts and principles of chemistry.</p>
5PHS1	Physics I	<p>Grade: 11, 12 Credits: 1</p> <p>Prerequisite: Two years of high school mathematics. Students in the course will attain a fundamental knowledge of the principles of motion, forces, sound, light, electricity, magnetism and energy. The course, which shall include at least 40% laboratory investigation and field work, provides students with a conceptual framework, factual knowledge, and analytical and scientific skills to deal critically in a real-world setting.</p>
5PHSAP	Physics BI (AP)	<p>Grade: 11, 12 Credits: 1</p> <p>Prerequisite: Recommended completion of Algebra II Honors. Recommended concurrent enrollment in Pre-Calculus Honors. Carefully read page 6 pertaining to AP courses. Physics BI (AP) is equivalent to a first-semester college course in algebra-based physics, an introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics,</p>

		dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, and mechanical waves and sound.
5PHSP2	Physics BII (AP)	<p>Grade: 12 Credits: 1</p> <p>Prerequisite: Physics BI (AP), Algebra II Honors, Pre-Calculus Honors. Carefully read page 6 pertaining to AP courses. Physics BII (AP) is equivalent to a second-semester college course in algebra-based physics. This is an algebra-based, introductory college-level physics course that will expand your understanding of physics as you explore topics such as fluids; thermodynamics: electric force, field and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics.</p>
5ANAPH	Anatomy and Physiology (CTE)	<p>Grade: 11, 12 Credits: 1</p> <p>A laboratory-oriented course in which students investigate the structures and functions of the components of the human body. The course presents the investigation of the specialization of cells, how cells function cooperatively as tissues and organs, and the interrelationships of systems that result in a living organism.</p>
5AAS	Advanced Animal Science (CTE)	<p>Grade: 11, 12 Credits: 1</p> <p>Prerequisite: At least one credit from Agriculture, Food, & Natural Resources cluster, must include Small Animal Management /Equine Science or Veterinary Medical Applications Examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. Counts as a 4th Science Credit</p>
5FRSCI	Forensic Science (CTE)	<p>Grade: 11, 12 Credits: 1</p> <p>This course is designed to challenge students with topics such as, fingerprinting, blood typing and spattering, trajectories (for ballistics as well as blood spattering),</p>

		comparative anatomy, and chemical analysis of drugs, poisons, and trace evidence, and the dynamics of Physics. Counts as a 4th Science Credit
5ENGPS	Engineering Design and Problem Solving (CTE)	Grade: 11, 12 Credits: 1 Prerequisite: Principles of Applied Engineering and Engineering and Design Presentation I The Engineering Design and Problem-Solving course is the creative process of solving problems by identifying needs and then devising solutions. The solution may be a product, technique, structure, or process depending on the problem. Counts as a 4th Science Credit
5ESAP	Environmental Science (AP)	Grade: 11, 12 Credits: 1 Prerequisite: Students must have successfully completed Biology and Chemistry Carefully read page 6 pertaining to AP courses. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.

SOCIAL STUDIES

5WGEO	World Geography	Grade: 9 Credits: 1 This course helps students explore the physical and cultural features of the earth as well as the effects of climate and physical geography on various regions of the world. Current events will be strongly emphasized.
5WGEOH	World Geography Honors	Grade: 9 Credits: 1 This course helps students explore the physical and

		cultural features of the earth as well as the effects of climate and physical geography on various regions of the world. Current events will be strongly emphasized. This Honors course will be taught at a more rigorous level preparing students for AP level coursework.
5WHIST	World History	Grade: 10 Credits: 1 During the first part of this course, students will examine the history of the world from a global perspective from the Neolithic Revolution (Circa 10,000-3,000 BCE) to the present. Major civilizations in Afro-Eurasia and the Americas will be the focus along with the emphasis on the technological, intellectual, cultural, economic, and political advances, studies of the world's belief systems, and conflicts.
5WHSTA	World History (AP)-Modern	Grade: 10 Credits: 1 Prerequisite: Carefully read page 6 pertaining to AP courses. Students investigate significant events, individuals, developments, and processes from 1200 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 connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.
5USH	US History	Grade: 11 Credits: 1 Survey of the American experience from post Civil War reconstruction through the domestic and foreign affairs of the '50s, '60s, '70s and '80s. It will include the innovations of the American Industrial Revolution, westward expansion, progressive reform movements, events leading to World War I, the depression of the '30s, World War II, civil rights movement, and social conditions of the '50s through the start of the 21st century.

5USHAP	US History (AP)	<p>Grade: 11 Credits: 1</p> <p>Prerequisite: Carefully read page 6 pertaining to AP courses. <i>This course is designed to be the equivalent of a two-semester introductory college or university U.S. history course.</i></p> <p>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 in order 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 environment; and culture and society.</p>
5COUS1	US History 1301 - DC/US HIST	<p>Grade: 11 Credits: .5</p> <p>Note: This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description. Also carefully read page 5 for the WHS course book for requirements for EGS classes.</p> <p><i>Note: This course can count for US History. Students should check with the colleges/universities they plan to attend to see if college credit will be granted.</i></p>
5COUS2	US History 1302 - DC/US HIST	<p>Grade: 11 Credits: .5</p> <p>Note: This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description. Also carefully read page 5 for the WHS course book for requirements for EGS classes.</p> <p><i>Note: This course can count for high school US History. Students should check with the colleges/universities they plan to attend to see if college credit will be granted.</i></p>

5GOV	Government	<p>Grade: 12 Credits: .5</p> <p>A study of events leading to the writing and adoption of the Constitution, United States constitutional principles, political structure, and amendments. Also includes the federal system and coverage of state and local governments.</p> <p><i>Partner course for Economics (ECO)</i></p>
5GOVP	Government (AP)	<p>Grade: 12 Credits: .5</p> <p>Prerequisite: Carefully read page 6 pertaining to AP courses.</p> <p>Provides students an analytical perspective regarding the processes of government, politics and economics in the United States. It requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US political and economic reality. Information will be presented at a college pace. The AP test in government administered at the conclusion of the course.</p> <p><i>Government (AP) and Politics and Economics are partner courses taught at the Senior level and must be scheduled together. Partner Course for Politics and Economics</i></p>
5COGOV	College US Government - DC/GOVT	<p>Grade: 12 Credits: .5</p> <p><i>Note: This is an Austin Community College class. See ACC Course Catalog in the counseling office for course description. Also carefully read page 5 for the WHS course book for requirements for DC classes.</i></p> <p><i>Note: This course can count for high school government. Students should check with the colleges/ universities they plan to attend to see if college credit will be granted.</i></p>
5ECO	Economics	<p>Grade: 12 Credits: .5</p> <p>Provides a basic understanding of America's economic system. Includes study of the fundamental concepts of the free enterprise, profit motive, competition, fiscal policies, role of government, and the role of labor. Current economic topics, problems, and potential solutions are also included. <i>Partner course for Government (GOVT).</i></p>
5POLEC	Politics and Economics Honors	<p>Grade: 12 Credits: .5</p>

		<p>A major component of this course is the American economic system as it relates to US Government and politics. Information will be presented at a College freshman pace.</p> <p><i>Government (AP) and Politics and Economics are partner courses taught at the Senior level and must be scheduled. Partner Course for Government AP</i></p>
5COECO	College Economics - DC/ECO	<p>Grade: 12 Credits: .5</p> <p><i>Note: This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description. Also carefully read page 5 for the WHS course book for requirements for DC classes.</i></p> <p><i>Note: This course can count for high school Economics. Students should check with the colleges/ universities they plan to attend to see if college credit will be granted.</i></p>

Languages other than English

5SPN1	Spanish I	<p>Grade: 9, 10, 11 Credits: 1</p> <p>This course teaches basic Spanish vocabulary, beginning grammar and communication skills. Students also learn the structure of language and become familiar with cultural differences and similarities.</p>
5SPN2	Spanish II	<p>Grade: 9, 10, 11, 12 Credits: 1</p> <p>Prerequisite: Spanish I Students are expected to have mastered and retained the knowledge and concepts taught in Spanish I. This course is designed to extend vocabulary and grammar skills. Students learn to communicate in eight tenses and to effectively use the basic parts of speech.</p>
5SPN2P	Spanish II (Honors)	<p>Grade: 9, 10, 11, 12 Credits: 1</p> <p>Prerequisite: Successful completion of Spanish I or Spanish I (Pre-AP/Honors). Parental permission required. Carefully read page 6</p>

		<p>pertaining to Pre-AP/Honors courses. Students are expected to have mastered and retained the knowledge and concepts taught in Spanish I. This course is designed to extend vocabulary and grammar skills. Students learn to communicate in eight tenses and to effectively use the basic parts of speech, relating to their English counterparts.</p>
5SPN3P	Spanish III (Honors)	<p>Grade: 10, 11, 12 Credits:</p> <p>Prerequisite: Successful completion of Spanish II or Spanish II (Honors). Provides the necessary grammatical and verbal skills to communicate at a novice level or above. Emphasis will be on conversational skills useful in the workplace.</p>
5STLC	Special Topics in Language and Culture	<p>Grade: 9, 10, 11, 12 Credits: 1</p> <p>Only available through Administrative Placement. Substitutes for Spanish II. Course explores traditions, history, and culture of targeted Spanish language. <i>Note: Meeting of Spanish Dept. Hd., Spanish teacher, and Administrative Committee will determine placement</i></p>
5ASL1 5ASL2	American Sign Language I, II	<p>Grade: 9, 10, 11, 12 Credits: 1</p> <p>Prerequisite: None The study of world language, this course provides the student with an understanding of human existence and the nature of communication and the complexity of culture.</p>

ART

5ART1	Art I	<p>Grade: 9, 10, 11, 12 Credits: 1</p> <p>A beginning art course where students are given opportunities to experiment in a variety of art forms with an assortment of materials. Art 1A: Design, Drawing, Color Theory. Art 1B: Painting, Ceramics/Sculpture, Printmaking</p>
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5ART2D	Art II Drawing	Grade: 9, 10, 11, 12 Credits: 1 Prerequisite: Successful completion of Art I In depth study of basic drawing techniques: establishing composition, drawing from still life and from real life, anatomy and the figure, stimulating creativity, and drawing through art history. A variety of materials will be explored.
5ART2P	Art II Painting	Grade: 9, 10, 11, 12 Credits: 1 Prerequisite: Successful completion of Art I An introduction to the basic elements of painting. Students will study composition and form, painting techniques, and will incorporate the use of acrylic, watercolors, and India ink.
5ART3D	Art III Drawing	Grade: 10, 11, 12 Credits: 1 Prerequisite: Art II or Art II specialization In depth study of advanced drawing techniques and further exploration for art techniques learned in Art II Drawing. A variety of materials will be explored.
5ART3P	Art III Painting	Grade: 10, 11, 12 Credits: 1 Prerequisite: Successful completion of Art II A continuation of Art II Painting
5ART4D	Art IV Drawing	Grade: 11, 12 Credits: 1 Prerequisite: Art III specialization
5ART4P	Art IV Painting	Grade: 11, 12 Credits: 1 Prerequisite: Successful completion of Art III
5ARTSA	Advance Studio Art	Grade: 11, 12 Credits: 1 Prerequisite: Successful completion of Art I, II ,III Advanced drawing is a course where students refine and apply skills and ideas they develop throughout the course to produce drawings.

BAND/MUSIC

5JZBN1	Jazz Band I	Grade: 9, 10, 11, 12 Credits: 1 The Jazz Band plays for community events and performs concerts. Additional rehearsals are required for major performances and contests. Prerequisite: Audition required
5JZBN2	Jazz Band II	Grade: 10, 11, 12 Credits: 1 Prerequisite: Successful completion of Jazz Band I. A continuation of Jazz Band I.
5JZBN3	Jazz Band III	Grade: 11, 12 Credits: 1 Prerequisite: Successful completion of Jazz Band II. A continuation of Jazz Band II and students are expected to audition for All-Region Jazz Band.
5JZBN4	Jazz Band IV	Grade: 12 Credits: 1 Prerequisite: Successful completion of Jazz Band III A continuation of Jazz Band III and students are expected to audition for All-Region Jazz Band.
5MBPE1/ 5BNDC1	Band I	Grade: 9 Credits: 1 Open to any student who shows interest in performing with WHS Band program. Marching Band I earns a .5 PE credit. Concert Band I earns a .5 Fine Arts credit.
5MBPE2/ 5BNDC2	Band II	Grade: 10 Credits: 1 Prerequisite: Band I A continuation and progression of Band I. Marching Band II earns a .5 PE credit Concert Band II earns a .5 Fine Arts credit
5BAND3	Band III	Grade: 11

		<p>Credits: 1</p> <p>Prerequisite: Band II A progression of Band II. Enrollment is based on completion of Band II. Students are expected to tryout for AllRegion and UIL Solo and Ensemble Contest.</p>
5BAND4	Band IV	<p>Grade: 12 Credits: 1</p> <p>Prerequisite: Band III A continuation and progression of Band III. Enrollment is based on completion of Band III. Students are expected to tryout for Region and UIL Solo and Ensemble Contest.</p>

MUSICAL THEATRE SHOW CHOIR

<p>5CHOR1 5CHOR2 5CHOR3 5CHOR4</p>	Choir I, II, III, IV	<p>Grade: 9, 10, 11, 12 Credits: 1</p> <p>Students will explore the techniques of music theatre performance from the perspective of an actor, singer and dancer. Class will employ both group and individual instruction and activities will include dance, choreography, song analysis, vocal technique and other instruction related to vocal performance and stage presence.</p>
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THEATRE ARTS

<p>5THET1 5THET2 5THET3 5THET4</p>	Theatre Arts I-IV	<p>Grade: 9, 10, 11, 12 Credits: 1</p> <p>An introductory performance course incorporating basic acting techniques, the role of the actor in interpreting dramatic literature and the historical evolution of performance styles and dramatic themes.</p> <p>Prerequisite: Theatre Arts I-4, Must perform in at least one public performance in the spring.</p>
<p>5THPR1 5THPR2 5THPR3 5THPR4</p>	Theatre Production I-IV	<p>Grade: 9, 10, 11, 12 Credits: 1</p> <p>Prerequisite: Audition only; auditions held in the</p>

		<p>fall and spring</p> <p>This is the most advanced performing group in the theatre department. In this class, the students will be responsible for performing, producing, and designing most of the school plays that include a fall show or musical, and the UIL One-Act Play. You must be in this class to participate in the One-Act Play contest. After school time is required.</p>
5COST1	Costume Design I (Tech Theatre)	<p>Grade: 9, 10, 11, 12 Credits: 1</p> <p>A production focusing on the importance of costume design in theatrical endeavors. Students will research, design, and execute the costumes for a variety of performance activities. Elements include the theories of costuming, creation of patterns, methods of construction, and application of technology.</p>
5COST2	Costume Design II (Tech Theatre)	<p>Grade: 10, 11, 12 Credits: 1</p> <p>Prerequisite: Costume Design I, Must perform in productions Like Costume Design I, this course is a practical production course focusing on the importance of costume design in theatrical endeavors.</p>
5COST3	Costume Design III (Tech Theatre)	<p>Grade: 11, 12 Credits: 1</p> <p>Prerequisite: Costume Design II, Must perform in productions Like Costume Design II, this course is a practical production course in which the students continue to develop costume design skills.</p>
5COST4	Costume Design IV (Tech Theatre)	<p>Grade: 12 Credits: 1</p> <p>Prerequisite: Costume Design III, Must perform in productions Like Costume Design III, this course is a practical production course in which the students continue to develop costume design skills.</p>
5MUTH1 5MUTH2 5MUTH3 5MUTH4	Musical Theatre I-IV	<p>Grade: 9, 10, 11, 12 Credits: 1 Prerequisite: Choir, Band or Audition</p>

		<p>Students must have some experience reading music. Students will explore the techniques of music theatre 36 performance from the perspective of an actor, singer, and dancer. Class will employ both group and individual instruction and activities will include dance, choreography, song analysis, vocal technique and other instruction related to vocal performance and stage presence.</p> <p>Students enrolled in Musical Theatre will be required to participate in performances.</p>
5TECH1	Technical Theatre I	<p>Grade: 9, 10, 11, 12 Credits: 1</p> <p>A practical production course in which the students develop stagecraft skills. Emphasis lies in designing and building scenery, constructing costumes and props, running lights, sound and backstage aspects of theatrical productions.</p>
5TECH2	Technical Theatre II	<p>Grade: 10, 11, 12 Credits: 1</p> <p>Prerequisite: Technical Theatre I, Must perform in productions Like Technical Theatre I, this course is a practical production course in which the students develop stagecraft skills.</p>
5TECH3	Technical Theatre III	<p>Grade: 11, 12 Credits: 1</p> <p>Prerequisite: Technical Theatre II, Must perform in productions Like Technical Theatre I and II, this course is a practical production course in which the students continue to develop stagecraft skills.</p>
5TECH4	Technical Theatre IV	<p>Grade: 12 Credits: 1</p> <p>Prerequisite: Technical Theatre III, Must perform in productions Like Technical Theatre I, II and III, this course is a practical production course in which the students continue to develop stagecraft skills.</p>

PE/ATHLETICS/HEALTH

5PEITS	PE Individual and Team Sports	Grade: 9, 10, 11, 12 Credits: 1 Students may only earn one state-approved PE credit, all other credits are local. Physical Education course including units on football, basketball, baseball, volleyball, softball, badminton, tennis, golf, weight lifting and conditioning, running, etc.
5AEROB	Aerobics	Grade: 9, 10, 11, 12 Credits: 1 Students may only earn one state-approved PE credit, all other credits are local. Physical Education course including vigorous rhythmic movements to music as well as reinforcing exercise safety. Emphasis is place on participation rate and level and to place an importance on being physically active and physically fit.
5HLTH	Health	Grade: 9, 10, 11, 12 Credits: .5 Students acquire facts, develop proper attitudes and establish practices and habits that will contribute to personal, family, and community health in the following areas: consumer health, body growth and development, fitness for daily living, nutrition, the use of tobacco, alcohol, and drugs.
59ATHD	9th Grade Boys Athletics Single or Double Blocked	Grade: 9 Credits: 1 Students may earn up to four state-approved PE credits. Provides for 9th grade competitive participation in athletics. Students will participate in a year round strength and conditioning program.
5BTH...	Boys Athletics 5BTH1D 1st time, double blocked 5BTH1S 1st time, single blocked 5BTH2D 2nd time, double blocked 5BTH2S 2nd time, single blocked 5BTH3D 3rd time, double blocked 5BTH3S 3rd time, single blocked	Grade: 10, 11, 12 Credits: 1 Students may earn up to four state-approved PE credits. Provides for junior varsity and varsity competitive participation in athletics. Students will participate in

	5BTH4D 4th time, double blocked 5BTH4S 4th time, single blocked	year round strength and conditioning program.
5ATTR...	Athletic Trainer 5ATTR1 1st time 5ATTR2 2nd time 5ATTR3 3rd time 5ATTR4 4th time	Grade: 9, 10, 11, 12 Credits: 1 Students may earn up to four state-approved PE credits. Provides an opportunity for study and application of the components of sports medicine, sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries and conditioning, recognition, evaluation, and immediate care of athletic injuries, First Aid/CPR/AED and emergency procedures.
5GTH...	Girls Athletics 5GTH1D 1st time, double blocked 5GTH1S 1st time, single blocked 5GTH2D 2nd time, double blocked 5GTH2S 2nd time, single blocked 5GTH3D 3rd time, double blocked 5GTH3S 3rd time, single blocked 5GTH4D 4th time, double blocked 5GTH4S 4th time, single blocked	Grade: 9, 10, 11, 12 Credits: 1 Students may earn up to four state-approved PE credits. Provides for 9th, junior varsity and varsity competitive participation in athletics. Students will participate in year round strength and conditioning program.
5TT...	Tennis 5TT1S First time taken, single blocked 5TT1D Second time taken, double blocked 5TT2S Second time taken, single blocked 5TT2D Third time taken, double blocked 5TT3D Third time taken, double blocked 5TT3S Third time taken, single blocked 5TT4D Fourth time taken, double blocked 5TT4S Fourth time taken, single blocked	Grade: 9, 10, 11, 12 Credits: 1 Students may earn up to four state-approved PE credits. Provides for 9th, junior varsity and varsity competitive participation in Tennis.
5SWT...	Swim Team Athletics 5SWT1D 1st time, double blocked 5SWT1S 1st time, single blocked 5SWT2D 2nd time, double blocked 5SWT2S 2nd time, single blocked 5SWT3D 3rd time, double blocked 5SWT3S 3rd time, single blocked 5SWT4D 4th time, double blocked 5SWT4S 4th time, single blocked	Grade: 9, 10, 11, 12 Credits: 1 Competitive Swim Team Only

PEER LEADERSHIP

5PAL1	Peer Assistance and Leadership I	<p>Grade: 11, 12 Credits: 1</p> <p>Prerequisite: Faculty and teacher nominated, teacher selected.</p> <p>Designed to help students become the best that they can be. Students will develop the skills necessary to enhance their leadership qualities in their personal lives, their school and their community. The role of the PAL student will be to facilitate more informed, and more responsible, decision-making skills on the part of their peers and with younger students from other campuses. Students will be required to create and lead service-related projects both on and off campus with minimum supervision. A behavioral contract is required.</p>
5PAL2	Peer Assistance and Leadership II	<p>Grade: 12 Credits: 1</p> <p>Prerequisite: Completion of PALS I and teacher selected.</p> <p>A continuation of PAL I.</p>
5UNCH	Unified Champs	<p>Grade: 10, 11, 12 Credits: 1</p> <p>Prerequisite: Faculty and teacher nominated, teacher selected, application required.</p> <p>Course description: Unified Champion Schools (UCS) is a unique program through Special Olympics, Inc. that promotes acceptance and inclusion among students with and without intellectual disabilities. Set in a fun, interactive, Unified environment, participants engage in advocacy, leadership, fitness, and sports opportunities – together. UCS is a student-driven program; the students will form a Unified Youth Leadership Team whose members consider activity options and recruit new and existing participants to join in planning and hosting events and activities. The constant theme of UCS is inclusion, so students of varying abilities participate in every opportunity as peers and equals, with the goal of forming true friendships and utilizing the unique talents and abilities of each person. Class time will include both lessons/ instruction in topics such as inclusion, awareness, advocacy, as well as fitness and sport opportunities. Some participation outside of the school</p>

day may be required.

DUAL CREDIT ELECTIVES

5COPSY	Intro to Psychology DC/INTRO TO PSYCH	Grade: 10, 11, 12 Credits: .5 Note: This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description. Also carefully read page 5 for the WHS course book for requirements for DC classes. Note: Students should check with the colleges/universities they plan to attend to see if college credit will be granted.
5COSOC	Intro to Sociology DC/INTRO TO SOC	Grade: 10, 11, 12 Credits: .5 Note: This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description. Also carefully read page 5 for the WHS course book for requirements for DC classes. Note: Students should check with the colleges/universities they plan to attend to see if college credit will be granted.

DEBATE

5DBT1	Debate I	Grade: 9, 10, 11, 12 Credits: 1 An introduction to the rhetoric and structure of classical debate. Emphasis is on research, strategy and argumentation. Oration and extemporaneous speaking is also included. Students will be required to participate in all scheduled tournaments during the year
5DBT2	Debate II	Grade: 10, 11, 12 Credits: 1 Prerequisite: Debate I Competitive speaking and debate for tournament and UIL competition. Students will be required to participate in all scheduled tournaments during the year.
5DBT3	Debate III	Grade: 11, 12 Credits: 1 Prerequisite: Debate II Advanced competitive speaking and debate experiences for tournament and UIL competition. Students will be required to participate in all scheduled tournaments

during the year.
 Note: Students wishing to participate in Debate IV should sign up for Competitive Speech IV (COMSP4).

COMPETITIVE SPEECH

5CMSP1	Competitive Speech I	Grade: 9, 10, 11, 12 Credits: 1 Individualized independent study for competitive speaking/debate. Students will be required to participate in all scheduled tournaments during the year.
5CMSP2	Competitive Speech II	Competitive Speech II Grade: 10, 11, 12 Credits: 1 Prerequisite: Competitive Speech
5CMSP3	Competitive Speech III	Grade: 11, 12 Credits: 1 Prerequisite: Competitive Speech II
5CMSP4	Competitive Speech IV	Prerequisite: Grades: 12 Debate III or Competitive Speech III Credits: 1

UIL

5UIL1	UIL Competition I	Grade: 9, 10, 11, 12 Credits: .5 or 1 (Local) Students participating in University Interscholastic League Academic Events
5UIL2	UIL Competition II	Grade: 10, 11, 12 Credits: .5 or 1 (Local)
5UIL3	UIL Competition III	Grade: 11, 12 Credits: .5 or 1 (Local)
5UIL4	UIL Competition IV	Grade: 12 Credits: .5 or 1 (Local)

LOCAL CREDITS

5OFFAD	Office Assistant	<p>Grade: 9, 10, 11, 12 Credits: 1 (Local)</p> <p>Prerequisite: Principal's/Counselor's Approval A student is permitted to be an aide for only one period a day. Although one local credit will be earned, the grade will not be counted in figuring GPA or class rank. Placement will be at the discretion of the administration based on need.</p>
5FCI	FCI Service Dog Training	<p>Grade: 10, 11, 12 Credits: 1 (Local)</p> <p>Prerequisite: Principles of Agriculture Recommended FCI Dog Behavior and Training will introduce the knowledge and skills required to become a Certified Professional Dog Trainer. Students will study dog behavior and temperament. They will learn science-based training theory including operant and classical conditioning. Students will understand that these principles apply to all living beings and are applied in zoos, aquariums and even the management of people. Fifty percent of the class will be hands-on training with a variety of dogs including service dogs in training. In addition to developing training knowledge and skills, goals include exposing students to the wide variety of career opportunities within the animal behavior and management field.</p>

LATE ARRIVAL/EARLY RELEASE

5LA1 5LA5	Late Arrival 1 & 5	<p>Grade: 11-12 or Dual Credit Student Credits: 0</p>
5ER4 5ER8	Early Release 4 & 8	<p>Grade: 11-12 or Dual Credit Student Credits: 0</p>

CAREER AND TECHNOLOGY EDUCATION COURSE OFFERINGS

Program of Study

Career Cluster	Program of Study	Available Courses
BUSINESS AND INDUSTRY ENDORSEMENT		
Agriculture, Food, and Natural Resources	Animal Science	<ul style="list-style-type: none"> Principles of Agriculture, Food, and Natural Resources Equine Science Small Animal Management Livestock Production Advanced Animal Science Practicum in Agriculture, Food, and Natural Resources Veterinary Medical Applications
	Applied Agricultural Engineering	<ul style="list-style-type: none"> Principles of Agriculture, Food, and Natural Resources Agricultural Structures, Design, and Fabrication Practicum in Agriculture, Food, and Natural Resources
	Environmental and Natural Resources	<ul style="list-style-type: none"> Principles of Agriculture, Food, and Natural Resources Wildlife, Fisheries, and Ecology Management Practicum in Agriculture, Food, and Natural Resources
	Plant Science	<ul style="list-style-type: none"> Principles of Agriculture, Food, and Natural Resources Floral Design Advanced Plant and Soil Science Turf Grass Management Landscape Design Management Horticultural Science Greenhouse Operations and Production Practicum in Agriculture, Food, and Natural Resources
Architecture and Construction	Carpentry	<ul style="list-style-type: none"> Principles of Construction Ag Structures Design & Fabrication Construction Technology I Construction Technology II Practicum in Construction Technology
Arts, AV Technology, & Communication	Design and Multimedia Arts	<ul style="list-style-type: none"> Principles of Arts, AV Technology, and Communication Commercial Photography I Graphic Design and Illustration I Commercial Photography II (Yearbook) Graphic Design and Illustration II (Yearbook) Practicum in Commercial Photography Practicum in Graphic Design and Illustration
	Digital Communications	<ul style="list-style-type: none"> Principles of Arts, AV Technology, and Communication Audio Video Production I Audio Video Production II Audio Video Production II Lab (Cinematography) Practicum in Audio Video Production

Business, Marketing, and Finance	Marketing and Sales	<ul style="list-style-type: none"> ● Principles of Business, Marketing, and Finance ● Advertising ● Social Media Marketing ● Sports and Entertainment Marketing ● Virtual Business ● Practicum in Marketing
Agriculture, Food, and Natural Resources	Applied Agricultural Engineering	<ul style="list-style-type: none"> ● Principles of Agriculture, Food, and Natural Resources ● Agriculture Mechanics and Metal Technologies ● Agriculture Equipment Design and Fabrication/Lab ● Practicum in Welding
PUBLIC SERVICE ENDORSEMENT		
Education and Training Career	Teaching and Training	<ul style="list-style-type: none"> ● Principles of Human Services ● Child Development ● Instructional Practices ● Practicum in Education and Training
Health Science	Health Care Diagnostics	<ul style="list-style-type: none"> ● Principles of Health Science ● Medical Terminology ● Health Science Theory ● Medical Microbiology ● Anatomy and Physiology ● Practicum in Health Science
	Health Care Therapeutic	<ul style="list-style-type: none"> ● Principles of Health Science ● Medical Terminology ● Anatomy and Physiology ● Health Science Theory ● Patient Care Technician ● Pharmacology ● Practicum in Health Science
Human Services	Family and Community Services	<ul style="list-style-type: none"> ● Principles of Human Services ● Child Development ● Lifetime Nutrition and Wellness ● Counseling and Mental Health ● Practicum in Human Services
STEM ENDORSEMENT		
STEM	Engineering	<ul style="list-style-type: none"> ● Principles of Applied Engineering ● Engineering Design and Presentation I ● Engineering Design and Problem Solving ● Practicum in STEM

CAREER AND TECHNOLOGY EDUCATION COURSE OFFERINGS

Course Descriptions

Agriculture, Food, and Natural Resources

5PRNAG	Principles of Agriculture, Food, & Natural Resources	Grade: 9, 10, 11, 12 This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations of the Agriculture field. This course is required for students wanting to enter this pathway.	Credits:1
5LDM	Landscape Design and Management	Grades: 10, 11, 12 Landscape Design and Management is designed to develop an understanding of landscape design and management techniques and practices. Prerequisite: Principles of Agriculture, Food, And Natural Resources	Credits: .5
5TGM	Turf Grass Management	Grades: 10, 11, 12 Turf Grass Management is designed to develop an understanding of turf grass management techniques and practices. Prerequisite: Principles of Agriculture, Food, And Natural Resources	Credits: .5
5HORT	Horticulture Science	Grades: 10, 11, 12 Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. Prerequisite: Principles of Agriculture, Food, And Natural Resources	Credits: 1
5GOP	Greenhouse Operations and Production	Grades: 10, 11, 12 Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices. Prerequisite: Principles of Agriculture, Food, And Natural Resources	Credits: 1
5FLDSN	Floral Design	Grades: 11, 12 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. Prerequisite: Principles of Agriculture, Food, And Natural Resources (Includes a fee of \$20.00 for materials and supplies.)	Counts as a fine arts credit Credits:1
5APSS	Advance Plant and Soil Science	Grade: 11, 12 Provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. Counts as a 4th Science Credit	Credits: 1
5SAM	Small Animal Management	Grades: 10, 11, 12 Acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Prerequisite: Principles of Agriculture, Food, And Natural Resources	Credits: .5

5ES	Equine Science	Grades: 10, 11, 12 Equine Science students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys, and mules. Prerequisite: Principles of Agriculture, Food, And Natural Resources	Credits: .5
5LP	Livestock Production	Grades: 10, 11, 12 In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. Prerequisite: Principles of Agriculture, Food, And Natural Resources	Credits: 1
5WFEM	Wildlife, Fisheries, and Ecology Management	Grades: 10, 11, 12 Wildlife, Fisheries, and Ecology Management examines the management of game and nongame wildlife species, fish, and aquacrops and their ecological needs as related to current agricultural practices. Prerequisite: Principles of Agriculture, Food, And Natural Resources	Credits: 1
5VETMD	Veterinary Medical Applications	Grade: 10, 11, 12 Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species. Prerequisite: Principles of Agriculture, Small Animal Management, Equine Science and/or Wildlife	Credits: 1
5AAS	Advanced Animal Science	Grade: 11, 12 Examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. Counts as a 4th Science Credit	Credits: 1
5PRAG	Practicum in Agriculture, Food and Natural Resources	Grade: 12 Practicum in Agriculture, Food, and Natural Resources 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: A coherent sequence of 2 or more classes in the Ag, Food, and Natural Resources career pathway.	Credits: 2

ARCHITECTURE AND CONSTRUCTION

5PRNCN	Principles of Construction	Grade: 9, 10, 11, 12 Includes OSHA requirements, tool identification, permit requirements, site preparation, foundations, framing, plumbing, climate control, electrical, dry walling, and interior finish work. Grading is 25% class work and 75% field work. This course is required for students wanting to enter this pathway.	Credits: 1
5ASD	Ag Structures Design & Fabrication	Grade: 10, 11, 12 In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations.	Credits: 1

5CONT1	Construction Technology I	Grade: 10, 11, 12 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. Recommended Prerequisite: For safety and liability considerations, limiting course enrollment to 15 students is recommended.	Credits: 2
5CONT2	Construction Technology II	Grade: 11, 12 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. Recommended Prerequisite: For safety and liability considerations, limiting course enrollment to 15 students is recommended.	Credits: 2
5PRACT	Practicum in Construction Technology	Grade: 12 In Practicum in Construction Technology, students will be challenged with the application of knowledge and skills gained in previous construction-related coursework. 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: A coherent sequence of 2 or more classes in the Architecture and Construction career pathway.	Credits: 2

ARTS, AV TECHNOLOGY, AND COMMUNICATION

5PRNAV	Principles of Arts, Audio/Video Technology, and Communications	Grade: 9, 10, 11, 12 Students learn and complete real-world projects such as understanding camera fundamentals and composition for photography, preparing advertising and marketing materials, designing clothing, or creating and preparing audio and digital files for various types of output. This course is required for students wanting to enter this pathway.	Credits: 1
5PHOT1	Commercial Photography I	Grade: 10, 11, 12 Students will learn the basics of digital photography including camera parts and functions, proper handling of a camera, relating the elements and principles of art to photography, and taking quality photographs. Additionally, students will learn to edit and retouch images in Photoshop, research professional photographers and photography genres, and explore potential careers in photography. Recommended Prerequisite : Principles of Arts, A/V Technology, & Communications	Credits: 1

5GRPH1	Graphic Design and Illustration I	Grade: 10, 11, 12 This is an introductory course that explores the various elements and principles of design and how they fit together. An emphasis is placed on terminology, design techniques, color, and software training using Adobe Photoshop, Illustrator, and InDesign. Typography and layout are additional concentrations included in the class. This course is about the organization of visual information. Recommended Prerequisite : Principles of Arts, A/V Technology, & Communications	Credits: 1
5PHOT2	Commercial Photography II (Yearbook)	Grade: 11, 12 Commercial Photography Technology II students will work with the Graphic Design and Illustration II (yearbook) students to take and edit photos for the Yearbook. Additionally, students will focus on the entrepreneur and creating an individualized business plan for beginning a photography business which includes the creation of a business website, obtaining an Adobe Certified Associate (ACA) certification in Adobe Photoshop, and producing a professional career portfolio. Recommended Prerequisite : Commercial Photography I	Credits: 1
5GRPH2	Graphic Design and Illustration II (Yearbook)	Grade: 11, 12 Graphic Design II students will work with the Commercial Photography II (yearbook) students to manipulate digital images and create and edit different page layouts. Students will also create different graphics, designs, posters, and banners as individual projects. Additionally, students can earn up to three Adobe Certified Associate (ACA) certifications in Adobe Photoshop, Illustrator and InDesign by end-of-course examinations in order to build their professional portfolios. Recommended Prerequisite : Graphic Design and Illustration I	Credits: 1
5AVPR1	Audio/Video Production I	Grade: 10, 11, 12 This course will explore the Audio and Video production industry and its post secondary educational and career opportunities. Students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers. Professional grade equipment and software will be used in the creation of student lead productions. Students will be involved in every aspect of several class and small group audio, video, and film style production projects. Recommended Prerequisite : Principles of Arts, A/V Technology, & Communications	Credits: 1
5AVPR2	Audio/ Video Production II	Grade: 11, 12 Students will work on several audio/video productions created for television, cable television, education, radio, entertainment, business and/or industry. Students may concentrate on specific areas of interest such as videography, video editing, film editing, audio recording, audio mixing, sound reinforcement, sound design, dialog editing, lighting, directing, producing, still or animated computer graphics, special effects, voice talent, on-camera talent, production management and camera operation. Additional time beyond regular school hours is required for productions. Recommended Prerequisite : Audio/Video Production I	Credits: 1
5CNTOG	Audio/Video Production 2 LAB (Cinematography)	Grade: 11, 12 Building upon concepts taught in A/V Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. Through diverse forms of	Credits: 1

		<p>storytelling and production, students will exercise and develop creativity, intellectual curiosity, and critical-thinking, problem-solving, and collaborative skills. This course will require time outside of class on any day of the week (especially on a game night). We will produce gameday and school related audio/video productions for live events throughout the year and you will be required to be present and available in order to be in the class.</p> <p>Recommended Prerequisite: Audio/Video Production 1</p>
5PRAYR	Practicum in Graphic Design and Illustration (Yearbook II)	<p>Grade: 12 Credits: 2</p> <p>Students will be expected to develop a hands-on understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences creating graphics, logos, media, and the yearbook or career preparation opportunities in the community.</p> <p>Recommended Prerequisite : Completion of a Arts, A/V Technology, and Communications Career Pathway</p>
5PRAAV	Practicum in Audio/Video Technology	<p>Grade: 12 Credits: 2</p> <p>Students in this class will develop advanced knowledge and skills in their chosen field of study related to audio and video production. Students will develop their portfolio of work that will assist them in gaining entry level employment, earning admittance into college film/video, television/radio broadcasting, and audio production programs, as well as securing post-secondary scholarships. Additional time beyond regular school hours is required for productions.</p> <p>Recommended Prerequisite : Completion of a Arts, A/V Technology, and Communications Career Pathway</p>

BUSINESS, MARKETING, AND FINANCE

5PRBMF	Principles of Business, Marketing, and Finance	<p>Grade: 9, 10, 11, 12 Credits: 1</p> <p>In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance. This course is required for students wanting to enter this pathway.</p>
5MM	Money Matters	<p>Grade: 10, 11, 12 Credits: 1</p> <p>Money Matters will promote financial responsibility among teens by building their basic money management skills. Students will investigate money management from a personal financial perspective.</p> <p>Strongly recommended for all students.</p> <p>Recommended Prerequisite : Principles of Business, Marketing, and Finance</p>
5ADV	Advertising	<p>Grade: 10, 11, 12 Credits: .5</p> <p>Advertising is designed as a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast and digital media.</p> <p>Recommended Prerequisite : Principles of Business, Marketing, and Finance</p>

5SMM	Social Media Marketing	Grade: 10, 11, 12 Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. Recommended Prerequisite : Principles of Business, Marketing, and Finance	Credits: .5
5SPEM	Sports and Entertainment Marketing	Grade: 10, 11, 12 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. Recommended Prerequisite : Principles of Business, Marketing, and Finance	Credits: .5
5VB	Virtual Business	Grade: 10, 11, 12 Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating project-management skills. Students will also maintain business records and understand legal issues associated with a virtual business. Recommended Prerequisite: Principles of Business, Marketing, and Finance	Credits: .5
5PRABM	Practicum in Business Management	Grade: 12 Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a variety of locations appropriate to the nature and level of experience. Prerequisite: Completion of a Business/Marketing/Finance Career Pathway	Credits: 2
5PRAM	Practicum in Marketing	Grade: 12 Practicum in Marketing is designed to give students knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Prerequisite: Completion of a Business/Marketing/Finance Career Pathway	Credits: 2

HEALTH SCIENCE

5PRNHS	Principles of Health Science	Grade: 9, 10, 11, 12 The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. This course is required for students wanting to enter this pathway.	Credits: 1
5HLTSC	Health Science Theory	Grade: 10, 11, 12 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: Principles of Health Science, Biology	Credits: 1
5MEDTM	Medical Terminology	Grade: 10, 11, 12 The Medical Terminology course is designed to introduce students to the structure of medical	Credits: 1

		terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. Prerequisite: Principles of Health Science
5MEDMB	Medical Microbiology	Grade: 10, 11, 12 Credits: 1 The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement. Prerequisite: Biology and Chemistry
5ANAPH	Anatomy and Physiology	Grade: 11, 12 Credits: 1 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. Prerequisite: Biology and a second science
5PHARM	Pharmacology	Grade: 12 Credits: 1 This course is designed to introduce students to the structure of medical pharmacology. Pharmacy Tech Certification earned. Prerequisite: Principles of Health Science
5PRAHS	Practicum in Health Science	Grade: 12 Credits: 2 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
5PHSPC	Practicum in Health Science/Patient Care Technician	Grade:12 Credits: 2 The Practicum in Health Science course with PCT will involve students having hands-on Patient Care Tech certification training for part of the practicum as well as hands-on training in a variety of locations appropriate to the nature and level of experience. Prerequisite: Health Science Theory and Biology

HUMAN SERVICES/EDUCATION & TRAINING

5PHS	Principles of Human Services	Grade: 9, 10, 11, 12 Credits: 1 Introductory course to enable students to investigate careers in the human services cluster, including counseling and mental health, early childhood development, family and community, and personal care services.
5CHDEV	Child Development	Grade: 10, 11, 12 Credits: 1 This course is recommended for those interested in professions involving children. The process of human development from conception through adolescence is studied. Prerequisite: Principles of Human Services
5LNW	Lifetime Nutrition and	Grade: 10, 11, 12 Credits: .5 Lifetime Nutrition and Wellness is a laboratory course which allows students to use the

	Wellness	principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences. Prerequisite: Principles of Human Services
5IPS	Interpersonal Studies	Grade: 10, 11, 12 Credits: .5 Interpersonal Studies examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services. Recommended Prerequisite: Principles of Human Services
5CMH	Counseling and Mental Health	Grade: 11,12 Credits: 1 In Counseling and Mental Health, students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations on their actions and responsibilities and the implications of their actions. Students understand how professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities. Recommended Prerequisite: Principles of Human Services
5PRAHU	Practicum in Human Services	Grade: 12 Credits: 2 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.. Prerequisite: A coherent sequence of 2 or more classes in the Human Services career pathway.
5INPR	Instructional Practices	Grade: 11, 12 Credits: 2 Instructional Practices is a field-based 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 direction instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel. Prerequisite: A coherent sequence of 2 or more classes in the Education and Training career pathway.
5PRET	Practicum in Education and Training	Grade: 12 Credits: 2 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. Prerequisite: A coherent sequence of 2 or more classes in the Education and Training career pathway.

LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

5FRSCI	Forensic Science	Grade: 11, 12 This course is designed to challenge students with topics such as fingerprinting, blood typing and spattering, trajectories (for ballistics as well as blood spattering), comparative anatomy, and chemical analysis of drugs, poisons, trace evidence, and the dynamics of Physics. Counts as a 4th Science Credit	Credits: 1
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Applied Agricultural Engineering

5PRNAG	Principles of Agriculture, Food, & Natural Resources	Grade: 9, 10, 11, 12 This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations of the Agriculture field. This course is required for students wanting to enter this pathway.	Credits: 1
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5AGMEC	Agriculture Mechanics and Metal Tech	Grade: 10, 11, 12 This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metalworking techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. There is a \$20 fee associated with this class. Prerequisite: Principles of Agriculture, Food, and Natural Resources.	Credits: 1
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5AEDL	Agricultural Equipment Design and Fabrication/Lab	Grade: 11, 12 In this course students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. There is a \$20 fee associated with this class. Recommended Prerequisite: Agricultural Mechanics and Metal Technologies.	Credits: 2
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5PRAG	Practicum in Agriculture, Food and Natural Resources	Grade: 12 Practicum in Agriculture, Food, and Natural Resources 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: A coherent sequence of 2 or more classes in the Ag, Food, and Natural Resources career pathway.	Credits: 2
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STEM

5PRNAE	Principles of Applied	Grade: 9, 10, 11, 12	Credits: 1
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	Engineering	Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects.
5ENGP1	Engineering Design and Presentation I	Grade: 10, 11, 12 Credits: 1 The primary focus will be an introduction to the principles of drafting to include terminology and fundamentals, including size and shape descriptions, projection methods, geometric construction, sections, auxiliary views, and reproduction processes. This course instructs students in modern graphics and modeling fundamentals for engineering design. Prerequisite: Principles of Applied Engineering
5ENGPS	Engineering Design and Problem Solving	Grade: 10, 11, 12 Credits: 1 The Engineering Design and Problem-Solving course is the creative process of solving problems by identifying needs and then devising solutions. The solution may be a product, technique, structure, or process depending on the problem. Prerequisite: Principles of Applied Engineering and Engineering and Design Presentation I
5ROBO1 5ROBO2	Robotics I,II	Grade: 10, 11, 12 Credits: 1 Students who are members of the Wimberley Robotics team. This class comes with after school and weekend commitments. Wimberley Robotics competes in UIL BEST Robotics competition and UIL FIRST Robotics Competition.
5CSI	Computer Science 1	Grade: 10, 11, 12 Credits: 1 Computer Science 1 will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media.
5CS2	AP Computer Science A	Grade: 11, 12 Credits: 1 AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Prerequisite: Computer Science I Counts as a 4th Math Credit
5PSTEM	Practicum in STEM	Grade: 12 Credits: 2 The Practicum in STEM 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. Prerequisite: A coherent sequence of 2 or more classes in the STEM Career Pathway

LOCAL VS. STATE-APPROVED ELECTIVES EARNED CREDIT VS GPA CREDIT

The following credit situations are for earned credit only and will not be used in the calculation of GPA

Courses satisfying high school credit requirements completed prior to HS enrollment
(Students Entering Grade 9 In School Year 2014-15 & Thereafter
will be allowed to count Alg. 1 or Algebra 1 PAP in their GPA)

Courses taken outside the regular school year

Correspondence Courses

Summer School Courses

Credit by Exam

Credit Recovery

Online Courses provided outside WISD

(Effective for all students entering grade 9 in the 2012-13 School Year and thereafter)



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