WIMBERLEY HIGH SCHOOL

COURSE GUIDE

2026-2027

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Effective for all students entering Grade 9 In School Year 2014-15 & Thereafter

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EXAMPLE OF A 4-YEAR PLAN *WISD's plan for all incoming 9th graders. Completion of all Foundation credits and at least one endorsement.* ENGLISH LANGUAGE ARTS* (4 credits) • English I • English II • English III • English IV MATHEMATICS* (4 credits) • Algebra I • Geometry • Algebra II • Advanced Math SCIENCE* (4 credits) • Biology • Chemistry • Physics • Advanced Science SOCIAL STUDIES* (4 credits) • World Geography • World HIstory • US History • US Government/Economics or PFL LANGUAGE OTHER THAN ENGLISH (2 credits) PHYSICAL EDUCATION (1 credit) • Full credit OR two half credits FINE ARTS (1 credit) • Full credit ENDORSEMENTS (5 credits) • 4 credit sequence in the same pathway ENRICHMENTS (1 credit) • Health (½ credit) • Professional Communications (½ credit)	EXAMPLE OF A 4-YEAR PLAN ENGLISH LANGUAGE ARTS (4 credits) • English I • English II • English III • English IV MATHEMATICS (4 credits) • Algebra I • Geometry • Advanced Math • Advanced Math SCIENCE (4 credits) • Biology • Chemistry • Physics • Advanced Science SOCIAL STUDIES (4 credits) • World Geography • World HIstory • US History • US Government/Economics or PFL LANGUAGE OTHER THAN ENGLISH (2 credits) PHYSICAL EDUCATION (1 credit) • Full credit OR two half credits FINE ARTS (1 credit) • Full credit ENDORSEMENTS (5 credits) • 4 credit sequence in the same pathway ENRICHMENTS (1 credit) • Health (½ credit) • Professional Communications (½ credit)	EXAMPLE OF A 4-YEAR PLAN ENGLISH LANGUAGE ARTS (4 credits) • English I • English II • English III • English IV MATHEMATICS (3 credits) • Algebra I • Geometry • Advanced Math SCIENCE (3 credits) • Biology • Science • Advanced Science SOCIAL STUDIES (3 credits) • World Geography or World History • US History • US Government/Economics or PFL LANGUAGE OTHER THAN ENGLISH (2 credits) PHYSICAL EDUCATION (1 credit) • Full credit OR two half credits FINE ARTS (1 credit) • Full credit ENDORSEMENTS (5 credits) • 4 credit sequence in the same pathway ENRICHMENTS (1 credit) • Health (½ credit) • Professional Communications (½ credit) Highlights denote differences between graduation plans.

*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. Students who enroll from another high school with core credits other than what is listed still meet graduation requirements as long as they are within 4x4.

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, SAT or ACT
- For earning a nationally or internationally recognized industry certification

CORE GPA CREDITS

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/OnRamps Physics I (6.0)

Social Studies Core Credit

World Geography (4.0) or World Geography Honors (5.0) or Human Geography AP (6.0) [APHUG GPA points begin for 2026-27 cohort and beyond]
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 Personal Financial Literacy (4.0) or Economics (AP) (6.0) or DC Economics (6.0) - one semester

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 (continued)

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 won't 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)

CCMR (College, Career, and Military Readiness) REQUIREMENTS

Students can meet CCMR requirements in a variety of ways, depending on their goals and interests. Here are the primary pathways:

1 - College Readiness

- Scoring at or above the college readiness benchmarks on standardized tests; SAT (EBRW 480+ and MATH 530+), ACT (combined score of 40 on English & Reading, Math 22+), TSIA (ELAR 945+ w/essay 5, or <945 w/ diagnostic score 5 or 6 and essay 5, MATH 950+ or <950 w/diagnostic score of 6).
- Earning college credits through dual credit or Advanced Placement (AP) courses (scoring a 3 or higher) or qualifying for college credits through OnRamps.
- Completing an associates degree while in high school.

2 - Career Readiness

- Earning an industry-recognized certification (Level I or Level 2) or license in a high-demand field.
- Completing Individualized Education Program (IEP) and Workforce Readiness.
- Completing a coherent sequence of Career and Technical Education (CTE) courses.
- Participating in the Practicum program for at least 1 full year.

3 - Military Readiness

- Scoring appropriately on the Armed Services Vocational Aptitude Battery (ASVAB) and meeting enlistment requirements.

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 be calculated at the end of sixth six weeks.

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 is expected to graduate. (Education Code 51.803)

The University of Texas-Austin will automatically admit the top 5% 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 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.**

Schedule Change Google Form - active for the first couple weeks of school.

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.

ACCELERATED TESTERS (8th grade Algebra I)

Accelerated testers are defined as students who earn Approaches Grade Level or above on the Algebra I, English II, and/or Biology STAAR EOC prior to grade 9. To fulfill federal testing requirements, these accelerated students must take a corresponding subject area SAT or ACT while in high school.

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. Students are required to fill out the LEVEL CHANGE FORM found in the counseling office, to drop an advanced course after school begins to their counselor. Changes will only occur after a grading period.

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, College Algebra, GeoScience, and Physics. 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

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:

Lori Pharis
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:

Lori Pharis
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

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 by 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 support 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 support 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 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

Does not have a program of study or practicum.

Business & Industry Endorsement

Program of Study

Animal Science
Plant Science
Agricultural Technology and Mechanical Systems
Graphic Design and Interactive Media
Digital Communications
Marketing and Sales

Public Services Endorsement

Program of Study

Diagnostic and Therapeutic Services
Exercise Science, Wellness, and Restoration
Teaching and Training
Family & Community Services

Science, Technology, Engineering & Mathematics Endorsement

Program of Study

Engineering
Cybersecurity
Programming and Software Development

Multidisciplinary Studies Endorsement

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. Does not have a program of study or practicum.

ENGLISH LANGUAGE ARTS

ENGLISH I / HONORS ENGLISH I

English I: Provides world literature as a base for extending English skills. Emphasis: Developing writing and grammar skills. Creating a research project. Studying literary forms such as novels, drama, short stories, poetry and essays.

Honors English I: Students learn to write and analyze well enough to obtain possible college credit in English by examination during Senior year of High School. Emphasis: Reading and analyzing world literature. Practicing higher level thinking and writing skills based on independent reading and writing. Creating a research project.

CREDIT: 1
WISD COURSE CODE: 5ENG1 / 5ENG1H
GRADE: 9, 10, 11, 12
PEIMS: 03220100
HONORS PREREQUISITE(S): Summer reading required. See Dept. Head for details.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES I (ESOL I)

Provides a transition to an English-speaking setting by having students talk and write about their homes, cultures, and experiences while learning English.

CREDIT: 1
WISD COURSE CODE: 5ESOL1
GRADE: 9, 10, 11, 12
PEIMS: 03200600
PREREQUISITE(S): Emergent Bilingual students in the beginner or intermediate level of proficiency in English

ENGLISH II / HONORS ENGLISH II

English II: Provides world literature as a base for extending English skills beyond the level of English I. Emphasis: Persuasive and analytical modes of writing. Reviewing grammar and usage skills. Studying novels, plays, short stories, poetry and essays. Preparing to pass the Exit Level STAAR test.

Honors English II: Students continue to write and analyze well enough to obtain possible college credit in English by examination during Senior year of High School. Emphasis: Developing analytical writing skills supported by incorporating textual evidence. 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.

CREDIT: 1
WISD COURSE CODE: 5ENG2 / 5ENG2H
GRADE: 10, 11, 12
PEIMS: 03220200
PREREQUISITE(S): Successful completion of English I (Honors recommended).
ADDITIONAL HONORS PREREQUISITE(S): Summer reading required. See Dept. Head for details.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES II (ESOL II)

Continues to provide a transition to an English-speaking setting. Emphasis: Sharpening listening, speaking, reading, and writing skills in English.

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): ESOL I
WISD COURSE CODE: 5ESOL2
PEIMS: 03200700

ENGLISH III

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.

CREDIT: 1
GRADE: 11, 12
PREREQUISITE(S): English II
WISD COURSE CODE: 5ENG3
PEIMS: 03220300

AP ENGLISH III – LANGUAGE AND COMPOSITION

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: In-depth exploration of non-fiction and author's craft written in various historical periods, disciplines, and rhetorical contexts. Extensive instruction in composition and research. Study of numerous literary works to give sufficient preparation in analyzing the language and style of prose passages.

CREDIT: 1
GRADE: 11, 12
PREREQUISITE(S): Successful completion of English II (Honors recommended).
ADDITIONAL HONORS PREREQUISITE(S): Summer reading required. See Dept. Head for details.
WISD COURSE CODE: 5ENG3A
PEIMS: 03220300

DUAL CREDIT ENGLISH IIIA – COMPOSITION I

This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description.
Note: Students should check with the colleges/universities they plan to attend to see if college credit will be granted.

CREDIT: 0.5
GRADE: 11, 12
PREREQUISITE(S): Successful completion of English II (Honors recommended).
WISD COURSE CODE: 5COLE1 (11th) / 5COES1 (12th)
PEIMS: 03220300

DUAL CREDIT ENGLISH IIIB – COMPOSITION II

This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description.
Note: Students should check with the colleges/universities they plan to attend to see if college credit will be granted.

CREDIT: 0.5
GRADE: 11, 12
PREREQUISITE(S): Successful completion of Dual Credit English IIIA with a grade of C or better.
WISD COURSE CODE: 5COLE2 (11th) / 5COES2 (12th)
PEIMS: 03220300

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES III (ESOL III)

Continues to provide a transition to an English-speaking setting with practice in listening, speaking, reading, and writing skills in English.

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): ESOL 2 and concurrent enrollment in English III

WISD COURSE CODE: 5ESOL3
PEIMS: 85000OL3

ENGLISH IV

Provides British literature as a 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 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.

NOTE: English Language Arts (ELA) skills necessary to pass ELA placement tests will be embedded in this course, as a part of the Texas Success Initiative (TSI), a Texas law that requires students entering college to show readiness in reading and math. Students will be required to complete this part of the course if they have not yet satisfied TSIA reading and writing college readiness standards. **PEIMS:** CP110100

CREDIT: 1
GRADE: 11, 12
PREREQUISITE(S): English III

WISD COURSE CODE: 5ENG4
PEIMS: 03220400

BUSINESS ENGLISH (ENGLISH IV)

Students enhance communication and research skills by applying them to the business environment, in addition to exchanging information and producing properly formatted business documents using emerging technology. This course counts as English IV, but may not meet the requirements for NCAA or out of state colleges or universities.

CREDIT: 1
GRADE: 12
PREREQUISITE(S): English III

WISD COURSE CODE: 5BENG4
PEIMS: 13011600

AP ENGLISH IV – LITERATURE AND COMPOSITION

To prepare students for success in college English and enable them to obtain possible college credit in English by examination.

Emphasis: An in-depth study of literature and author's craft, focused on novels, poetry, and short stories. Coupled with intensive attention to writing skills and critical thinking skills. Independent reading and interpretation of works comprising the foundations of Western thought. A major research paper and the senior project.

CREDIT: 1
GRADE: 12
PREREQUISITE(S): Successful completion of English III (AP recommended). Summer reading required. See Dept. Head for details.

WISD COURSE CODE: 5ENG4P
PEIMS: 03220400

DUAL CREDIT ENGLISH IVA – BRITISH LITERATURE I

This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description.

Note: Students should check with the colleges/universities they plan to attend to see if college credit will be granted.

CREDIT: 0.5
GRADE: 12
PREREQUISITE(S): Successful completion of Dual Credit English III with a grade of C or better.

WISD COURSE CODE: 5COBL1
PEIMS: 03220400

DUAL CREDIT ENGLISH IVB – BRITISH LITERATURE II

This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description.
Note: Students should check with the colleges/universities they plan to attend to see if college credit will be granted.

CREDIT: 0.5
GRADE: 12
WISD COURSE CODE: 5COBL2
PEIMS: 03220400
PREREQUISITE(S): Successful completion of Dual Credit English IVA with a grade of C or better.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES IV (ESOL IV)

Continues to provide a transition to an English-speaking setting while preparing students to pass grade level STARR Writing EOC Exam.

CREDIT: 1
GRADE: 9, 10, 11, 12
WISD COURSE CODE: 5ESOL4
PEIMS: 850000OL4
PREREQUISITE(S): ESOL 3 and concurrent enrollment in English IV

CREATIVE WRITING

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.

CREDIT: 1
GRADE: 11, 12
WISD COURSE CODE: 5CRWRT
PEIMS: 03221200
PREREQUISITE(S): None

HUMANITIES

IMPORTANT NOTE: This does not take the place of English I, II, III or IV. Students may NOT repeat this course.
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.

CREDIT: 1
GRADE: 11, 12
WISD COURSE CODE: 5HUMAN
PEIMS: 03221600
PREREQUISITE(S): None

MATHEMATICS

STRATEGIC LEARNING MATH / PRE-ALGEBRA

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.

CREDIT: 1
GRADE: 9
PREREQUISITE: None

WISD COURSE CODE: 5SLM
PEIMS: N1110030

ALGEBRA I / HONORS ALGEBRA I

Algebra I: 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.

Honors Algebra I: 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.

CREDIT: 1
GRADE: 9, 10
PREREQUISITE(S): None

WISD COURSE CODE: 5ALG1 / 5ALG1H
PEIMS: 03100500

GEOMETRY / HONORS GEOMETRY

Geometry: 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.

Honors Geometry: 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.

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): Algebra I

WISD COURSE CODE: 5GEOM / 5GEOMP
PEIMS: 03100700

MATH MODELS

Math Models is a class designed to bridge the gap between Algebra 1 and Algebra 2. Skills in this class will primarily deal with reinforcing concepts that will be needed to be successful in Algebra 2. Math Models should not be taken after receiving credit for Algebra 2.

CREDIT: 1 (counts as a 4th math credit)
GRADE: 11, 12
PREREQUISITE(S): Algebra I & Geometry

WISD COURSE CODE: 5MTHMD
PEIMS: 03102400

ALGEBRA 2 / HONORS ALGEBRA 2

Algebra 2: 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.

Honors Algebra II: 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.

CREDIT: 1
GRADE: 10, 11, 12
PREREQUISITE(S): Algebra I

WISD COURSE CODE: 5ALG2 / 5ALG2H
PEIMS: 03100600

UT ONRAMPS COLLEGE ALGEBRA

3 College Credits, UT Course Code: M 301

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 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.

CREDIT: 1
GRADE: 11, 12
PREREQUISITE(S): Algebra 1, Algebra II, and Geometry

WISD COURSE CODE: 5COALG
PEIMS: 03102500

UT ONRAMPS STATISTICS

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 in Texas.

CREDIT: 1
GRADE: 11, 12
PREREQUISITE(S): Algebra 1, Algebra II, Geometry, and Pre-Calculus Honors

WISD COURSE CODE: 5STATS
PEIMS: 03102530

PRE-CALCULUS/HONORS PRE-CALCULUS

Pre-Calculus: 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.

Honors Pre-Calculus: 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.

CREDIT: 1
GRADE: 11, 12
PREREQUISITE(S): Algebra 2 and Geometry
HONORS PREREQUISITE(S): Honors (Pre-AP) Algebra II and Honors (Pre-AP) Geometry or Geometry.

WISD COURSE CODE: 5PRCAL / 5PRCAP
PEIMS: 03101100

AP CALCULUS AB

An advanced study of both differential and integrated calculus. Conceptual and mechanical understandings of Calculus are explored.

CREDIT: 1
GRADE: 12
PREREQUISITE(S): Honors Pre-Calculus
WISD COURSE CODE: 5CALAB
PEIMS: A3100101

MATH COLLEGE PREP (MCP)

As part of the Texas Success Initiative (TSI), Texas law requires students entering college to have readiness in reading and mathematics. Math College Prep is designed to prepare students for entry level college mathematics as well as for math placement tests required by colleges, technical schools, and area community colleges. This fourth year course will incorporate the understanding of numbers, operations, and qualitative reasoning; patterns, relationships, and algebraic thinking; geometry and measurement;, and probability and statistics. Students will take the TSIA2 as part of the college readiness component of this course.

NOTE: This is not an open enrollment course. Students will be placed in Math College Prep upon completion of Algebra 2 and when they have not yet satisfied college-ready benchmarks for math on SAT, ACT, and/or TSI.

CREDIT: 1
GRADE: 12
PREREQUISITE(S): Algebra I, Geometry, and 3rd year advanced mathematics
WISD COURSE CODE: 5MCP
PEIMS: CP111200

SCIENCE COURSE SELECTIONS

INTEGRATED PHYSICS AND CHEMISTRY

Integration of physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry.

CREDIT: 1
GRADE: 9, 10
PREREQUISITE(S): None
WISD COURSE CODE: 5IPC
PEIMS: 03060201

BIOLOGY / HONORS BIOLOGY

Biology: Biological education structures its content around three basic themes: cell biology, genetics, and living systems, including the classification, functioning and ecology of organisms.

Honors Biology: 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 many current topics in science as they relate to everyday life through class discussions, recent scientific articles, labs, and several projects. The course is organized from micro to macrobiology, and ends with a preview of AP Biology labs and skills. 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 future Honors' level science courses and AP Biology.

CREDIT: 1
GRADE: 9, 10
WISD COURSE CODE: 5BIO / 5BIOH
PEIMS: 03010200
HONORS PREREQUISITE(S): Students must have passed the 8th grade science STAAR exam.

CHEMISTRY / HONORS CHEMISTRY

Chemistry: Chemistry is the study of matter – topics include atomic structure, the periodic table, chemical reactions, stoichiometry, thermochemistry, gases, and solutions. Laboratory work is used to form and test hypotheses, measure and analyze data and draw conclusions based on data and knowledge of chemistry.

Honors Chemistry: In addition to the description given for Chemistry I, Chemistry I Honors will serve as preparation for AP Chemistry or College Chemistry. Emphasis is placed on laboratory work, quantitative chemistry and extensive problem solving.

CREDIT: 1
GRADE: 10, 11
PREREQUISITE(S): Biology I and Algebra I
WISD COURSE CODE: 5CHM1 / 5CHMP
PEIMS: 03040000
ADDITIONAL HONORS PREREQUISITE(S): It is highly recommended students have completed or are concurrently enrolled in Algebra II.

AP BIOLOGY

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.

CREDIT: 1
GRADE: 10, 11, 12
PREREQUISITE(S): Honors Biology
WISD COURSE CODE: 5BIO2
PEIMS: A3010200

AP CHEMISTRY

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

CREDIT: 1
GRADE: 11, 12
PREREQUISITE(S): Algebra II and Honors Chemistry

WISD COURSE CODE: 5CHM2P
PEIMS: A3040000

PHYSICS I

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.

CREDIT: 1
GRADE: 11, 12
PREREQUISITE(S): Two years of high school mathematics

WISD COURSE CODE: 5PHS1
PEIMS: 03050000

PRINCIPLES OF TECHNOLOGY (PHYSICS I)

Students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students will apply physics concepts and perform laboratory experimentations for at least 40% of instructional time using safe practices.This course counts as Physics, but may not meet the requirements for NCAA or out of state colleges or universities.

CREDIT: 1
GRADE: 10, 11, 12
PREREQUISITE(S): Algebra I and at least one credit of high school science

WISD COURSE CODE: 5POT
PEIMS: 13037100

AP PHYSICS I

AP Physics BI 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, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, and fluids.

CREDIT: 1
GRADE: 11, 12
PREREQUISITE(S): Algebra II is required (Honors Alg. II is highly recommended). Recommended concurrent enrollment in Honors Pre-Calculus.

WISD COURSE CODE: 5PHSAP
PEIMS: A3050003

ONRAMPS PHYSICS I

4 College Credits, UT Course Codes: PHY 302K (3hr lecture) + PHY 102M (1hr lab)
Mechanics, Heat, and Sound introduces big ideas in physics, such as Newtonian mechanics (including motion, force, energy, and rotation), as well as solid and fluid mechanics, oscillations, waves, sound, and heat. Taken together, the topics reinforce the general idea that the behavior of many systems in the world can be described precisely with simple mathematics. This is an algebra-based (non-calculus) course in mechanics that fulfills a general physics requirement. Proficiency in algebra and geometry is assumed. This course lays the conceptual groundwork for STEM majors. Students will experience a high-quality curriculum designed by the faculty at The University of Texas at Austin (UT Austin).

General Physics Laboratory I—the course's lab component—engages students in both guided and open inquiry investigations of physical principles. It is designed to instill foundational scientific reasoning, data collection, and analytical skills.

CREDIT: 1 **WISD COURSE CODE:** 5COPH1

GRADE: 11, 12 **PEIMS:** 3050000

PREREQUISITE(S): Algebra I and Geometry are required. Algebra II and Pre-Calculus are highly recommended.

AP PHYSICS II

AP Physics BII 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 waves and sounds; thermodynamics: electric force, field and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics.

CREDIT: 1 **WISD COURSE CODE:** 5PHSP2

GRADE: 12 **PEIMS:** A3050004

PREREQUISITE(S): AP Physics BI, Honors Algebra II, and Honors Pre-Calculus

ONRAMPS PHYSICS II

3 College Credits, UT Course Code: PHY 302L

This is the second course in a sequence of algebra-based (non-calculus) courses, designed by the faculty at the University of Texas at Austin (UT Austin), which fulfills a general physics requirement. Proficiency in algebra and geometry is assumed. Students will develop critical thinking, empirical, and quantitative skills through analysis of physical situations and problem solving. Electromagnetism, Optics, and Nuclear Physics serves as an introduction to electricity, magnetism, optics, waves, and quantum and nuclear physics. Students will explore these topics as they obtain practical experience with electrical circuits and optical devices. Students will also investigate modern physical phenomena, including the quantum nature of light (photons) and properties of the atomic nucleus. Students will learn both how scientific inquiry reveals the fundamental properties of the universe and how these properties are applied in technologies that shape the modern world.

CREDIT: 1 **WISD COURSE CODE:** 5COPH2

GRADE: 12 **PEIMS:** 13037210

PREREQUISITE(S): Algebra II, Geometry, and Physics are required. Pre-Calculus and OnRamps or AP Physics I are highly recommended.

AP PHYSICS C

Physics C is a two-semester, calculus-based, college-level physics course. The first semester covers mechanics and the second semester covers electricity and magnetism. Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation.

CREDIT: 1 **WISD COURSE CODE:** 5PHSC

GRADE: 12 **PEIMS:** A3050005

PREREQUISITE(S)(s): Completed one year of physics. Completed or concurrent enrollment in calculus.

AP ENVIRONMENTAL SCIENCE

Provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course helps students identify and analyze natural and human-induced environmental problems. It enables them to learn how to assess the risks associated with these problems and evaluate alternative solutions for resolving and preventing them.

CREDIT: 1 **GRADE:** 11, 12

WISD COURSE CODE: 5ESAP **PEIMS:** A3020000
PREREQUISITE(S): Biology, Chemistry, and Algebra I (Honors is recommended for each required course)

FORENSIC SCIENCE (CTE)

Forensic science is the application of scientific methods to matters involving crime and the public. Crime scene investigation will be taught so students will have general knowledge on techniques used in the field. Students will also be exposed to basic understanding of common forensic science concepts and learn how analysis of specific types of evidence is analyzed in a forensic science laboratory. Topics will include but are not limited to crime scene, hairs, explosives, serology, DNA, toxicology, fingerprints, footwear, questioned documents, chromatography, blood spatter, and psychology.

CREDIT: 1 **WISD COURSE CODE:** 5FRSCI
GRADE: 11, 12 **PEIMS:** 13029500
PREREQUISITE(S): Chemistry and Physics (concurrent enrollment is acceptable)

ONRAMPS GEOSCIENCE

3 College Credits, UT Course Code: GEO 302E

Earth, Wind, and Fire is a course in geoscience literacy. It covers the fundamentals of how the Earth works, and how its various systems—the lithosphere, atmosphere, hydrosphere, and biosphere—interact to form the complex world in which we live. Geoscience is the study of the Earth. In this course, students will study the Earth as an integrated science, applying the fundamental principles of physics, chemistry, biology, and geosciences to explain Earth processes. Many of the most complex and interesting scientific problems of this century, such as energy resources, water supply, and climate change, require geologic thinking skills to solve. This class introduces students to the major areas in geoscience and helps them develop critical, creative, and geologic problem-solving skills, as applied to current scientific problems.

CREDIT: 1 **WISD COURSE CODE:** 5COGEO
GRADE: 10, 11, 12 **PEIMS:** 3060200
PREREQUISITE(S): Biology (completed), Chemistry (concurrent enrollment is acceptable)

SOCIAL STUDIES

WORLD GEOGRAPHY

World Geography: 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.

CREDIT: 1
GRADE: 9
PREREQUISITE(S): None

WISD COURSE CODE: 5WGEO
PEIMS: 03320100

AP HUMAN GEOGRAPHY

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).

College Course Equivalent - The AP Human Geography course is equivalent to an introductory college-level course in human geography.

NOTE: Students should be able to read college level texts and write grammatically correct, complete sentences.

CREDIT: 1
GRADE: 9-12 (GPA only 9th)
PREREQUISITE(S): None

WISD COURSE CODE: 5HUGP
PEIMS: 3360200

WORLD HISTORY

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.

CREDIT: 1
GRADE: 10
PREREQUISITE(S): None

WISD COURSE CODE: 5WHIST
PEIMS: 03340400

AP WORLD HISTORY (MODERN)

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.

CREDIT: 1
GRADE: 10
PREREQUISITE(S): None

WISD COURSE CODE: 5WHSTP
PEIMS: A3370100

US HISTORY

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.

CREDIT: 1
GRADE: 11
PREREQUISITE(S): None
WISD COURSE CODE: 5USH
PEIMS: 03340100

AP US HISTORY

This course is designed to be the equivalent of a two-semester introductory college or university U.S. history course.
In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course 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.

CREDIT: 1
GRADE: 11
PREREQUISITE(S): None
WISD COURSE CODE: 5USHAP
PEIMS: A3340100

DUAL CREDIT US HISTORY (COMPOSITION 1301)

This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description.
Note: Students should check with the colleges/universities they plan to attend to see if college credit will be granted.

CREDIT: 0.5
GRADE: 11
PREREQUISITE(S): None
WISD COURSE CODE: 5COUS1
PEIMS: 03340100

DUAL CREDIT US HISTORY (COMPOSITION 1302)

This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description.
Note: Students should check with the colleges/universities they plan to attend to see if college credit will be granted.

CREDIT: 0.5
GRADE: 11
PREREQUISITE(S): None
WISD COURSE CODE: 5COUS2
PEIMS: 03340100

GOVERNMENT

Partner course for Economics
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.

CREDIT: 0.5
GRADE: 12
PREREQUISITE(S): None
WISD COURSE CODE: 5GOV
PEIMS: 03330100

AP GOVERNMENT

Partner Course for Politics and Economics

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.

AP Government and AP Microeconomics are partner courses taught at the senior level and must be scheduled together.

CREDIT: 0.5
GRADE: 12
PREREQUISITE(S): None

WISD COURSE CODE: 5GOVP
PEIMS: A3330100

DUAL CREDIT US GOVERNMENT

This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description.

Note: Students should check with the colleges/universities they plan to attend to see if college credit will be granted.

CREDIT: 0.5
GRADE: 12
PREREQUISITE(S): None

WISD COURSE CODE: 5COGOV
PEIMS: A3330100

ECONOMICS

Partner course for Government

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.

CREDIT: 0.5
GRADE: 12
PREREQUISITE(S): None

WISD COURSE CODE: 5ECO
PEIMS: 03310300

PERSONAL FINANCIAL LITERACY

Partner course for Government

This course will develop citizens who have the knowledge and skills to make sound, common informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole.

CREDIT: 0.5
GRADE: 12
PREREQUISITE(S): None

WISD COURSE CODE: 5PFL
PEIMS: 03380082

AP MICROECONOMICS

Partner Course for Government AP

AP Microeconomics is a college-level course that introduces students to the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. College Course Equivalent AP Microeconomics is equivalent to a one-semester introductory college course in economics.

AP Government and AP Microeconomics are partner courses taught at the senior level and must be scheduled together.

CREDIT: 0.5
GRADE: 12
PREREQUISITE(S): None

WISD COURSE CODE: 5ECOP
PEIMS: A3310100

DUAL CREDIT ECONOMICS

This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description.

Note: Students should check with the colleges/universities they plan to attend to see if college credit will be granted.

CREDIT: 0.5 (can count for high school government)
GRADE: 12
PREREQUISITE(S): None

WISD COURSE CODE: 5COECO
PEIMS: 03310300

LANGUAGES OTHER THAN ENGLISH

SPANISH I

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.

CREDIT: 1
GRADE: 9, 10, 11
PREREQUISITE(S): None
WISD COURSE CODE: 5SPN1
PEIMS: 03440100

SPANISH II / HONORS SPANISH II

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.

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): Spanish I or Honors Spanish I
WISD COURSE CODE: 5SPN2 / 5SPN2H
PEIMS: 03440200

HONORS SPANISH III

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.

CREDIT: 1
GRADE: 10, 11, 12
PREREQUISITE(S): Spanish II or Honors Spanish II
WISD COURSE CODE: 5SPN3H
PEIMS: 03440300

SPECIAL TOPICS IN LANGUAGE AND CULTURE

Only available through Administrative Placement. Substitutes for Spanish II.
Course explores traditions, history, and culture of targeted Spanish language.

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): Meeting of Spanish Dept. Hd., Spanish teacher, and Administrative Committee will determine placement.
WISD COURSE CODE: 5STLC
PEIMS: 11410000

AMERICAN SIGN LANGUAGE I, II

The study of world language, these two courses provide students with an understanding of human existence and the nature of communication and the complexity of culture. Students will take ASL II after successfully completing ASL I (the courses should take two years in total to complete).

CREDIT: 1 credit each year
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None
WISD COURSE CODE: 5ASL1 / 5ASL2
PEIMS: 03980100 / 03980200

FINE ARTS OPTIONS

ART

ART I

Art I provides an understanding of the elements and principles of design through various art forms. The student will be provided the opportunity to work in the areas of design, drawing, painting, printmaking, ceramics and sculpture. This course will provide the student with experiences that incorporate a variety of media, artistic styles, and historical periods.

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None
WISD COURSE CODE: 5ART1
PEIMS: 03500100

ART II

Art II is designed for the student interested in continuing their exploration of the artistic process. Students will complete projects which address more complicated visual concepts of creative problem solving and will be given more freedom to choose their own mediums, refine techniques and develop individual styles. Projects will be evaluated and graded with a higher degree of expectation towards skill and excellence of presentation. Students will complete a series of sketchbook assignments as well as an "altered journal"in addition to major projects. Students will also be expected to speak and write with discrimination using the visual vocabulary they learned in Art I.

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): Art I
WISD COURSE CODE: 5ART2
PEIMS: 03500500

ART III

Art III is a studio art course which continues to provide an in-depth study of the concepts introduced in the preceding years of art. This course will require complex projects involving innovative and imaginative self-expression through various art media. Aesthetic appreciation through visual discrimination and judgment will be developed. Students will be required to assemble a cohesive portfolio, as well as an awareness of career opportunities. Professional and college preparation will be emphasized.

CREDIT: 1
GRADE: 10, 11, 12
PREREQUISITE(S): Art II
WISD COURSE CODE: 5ART3
PEIMS: 03501300

ART IV

Art IV is a studio art course which continues to provide an in-depth study of the concepts introduced in the preceding years of art. This course will require complex projects involving innovative and imaginative self-expression through various art media. Aesthetic appreciation through visual discrimination and judgment will be developed. Students will engage in critical analysis of artworks created as they refine the quality of work through a thematic series and several breadth pieces. Students will be required to assemble a cohesive portfolio and demonstrate an awareness of visual art career opportunities. Professional and college preparation will be emphasized.

CREDIT: 1
GRADE: 11, 12
PREREQUISITE(S): Art III
WISD COURSE CODE: 5ART4D
PEIMS: 03502300

MUSIC (BAND AND CHOIR)

JAZZ BAND I, II

The Jazz Band plays for community events and performs concerts. (Note: Additional rehearsals are required for major performances and contests.)

CREDIT: 1 credit each year
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None
WISD COURSE CODE: 5JZBN1 / 5JZBN2
PEIMS: 03151300 / 03151400

JAZZ BAND III, IV

A continuation of Jazz Band. (Note: Students are expected to audition for All-Region Jazz Band.)

CREDIT: 1 credit each year
GRADE: 11, 12
PREREQUISITE(S): Jazz Band II
WISD COURSE CODE: 5JZBN3 / 5JZBN4
PEIMS: 03151500 / 03151600

BAND I

Open to any student who shows interest in performing with the WHS Band program.
Marching Band I earns a 0.5 PE credit; Concert Band I earns a 0.5 Fine Arts credit.

CREDIT: 1
GRADE: 9
PREREQUISITE(S): None
WISD COURSE CODE: 5MBPE1 / 5BNDC1
PEIMS: PES00012 / 03150100

BAND II

A continuation and progression of Band I. Marching Band II earns a 0.5 PE credit; Concert Band II earns a 0.5 Fine Arts credit.

CREDIT: 1
GRADE: 10
PREREQUISITE(S): Band I
WISD COURSE CODE: 5MBPE2 / 5BNDC2
PEIMS: PES00012 / 03150200

BAND III, IV

A continuation and progression of Band. (Note: Students are expected to try out for AllRegion and UIL Solo and Ensemble Contest.)

CREDIT: 1 credit each year
GRADE: 11, 12
PREREQUISITE(S): Band II
WISD COURSE CODE: 5BAND3 / 5BAND4
PEIMS: 03150300 / 03150400

CHOIR I, II, III, IV

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.

CREDIT: 1 credit each year
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None
WISD COURSE CODE: 5CHOR1 / 5CHOR2 / 5CHOR3 / 5CHOR4
PEIMS: 03150900 / 03151000 / 03151100 / 03151200

THEATRE ARTS

THEATRE ARTS I, II, III, IV

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. (Note: Must perform in at least one public performance in the spring.)

CREDIT: 1 credit each year
GRADE: 9, 10, 11, 12
PREREQUISITE(S): Theatre Arts I-4

WISD COURSE CODE: 5THET1 / 5THET2 / 5THET3 / 5THET4
PEIMS: 03250100 / 03250200 / 03250300 / 03250400

THEATRE PRODUCTION I, II, III, IV

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. (Note: After school time is required.)

CREDIT: 1 credit each year
GRADE: 9, 10, 11, 12
PREREQUISITE(S): Audition only; auditions held in the spring. Theatre 1 credit preferred.

WISD COURSE CODE: 5THPR1 / 5THPR2 / 5THPR3 / 5THPR4
PEIMS: 03250700 / 03250800 / 03250900 / 03251000

COSTUME DESIGN I (TECH THEATRE)

Focuses 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.

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5COST1
PEIMS: 03250500

COSTUME DESIGN II (TECH THEATRE)

Like Costume Design I, this course is a practical production course focusing on the importance of costume design in theatrical endeavors. (Note: Must perform in productions.)

CREDIT: 1
GRADE: 10, 11, 12
PREREQUISITE(S): Costume Design I

WISD COURSE CODE: 5COST2
PEIMS: 03250600

COSTUME DESIGN III, IV (TECH THEATRE)

Like Costume Design II, this course is a practical production course in which the students continue to develop costume design skills. (Note: Must perform in productions.)

CREDIT: 1 credit each year
GRADE: 11, 12
PREREQUISITE(S): Costume Design II

WISD COURSE CODE: 5COST3 / 5COST4
PEIMS: 03251100 / 03251200

MUSICAL THEATRE I, II, III, IV

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. (Note: Must perform in productions.)

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): Choir, Band or Audition

WISD COURSE CODE: 5MUTH1 / 5MUTH2 / 5MUTH3 / 5MUTH4
PEIMS: 03251900 / 03252000 / 03252100 / 03252200

TECHNICAL THEATRE I

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.

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5TECH1
PEIMS: 03250500

TECHNICAL THEATRE II, III, IV

Like Technical Theatre I, this course is a practical production course in which the students develop stagecraft skills. (Note: Must perform in productions.)

CREDIT: 1 credit each year
GRADE: 10, 11, 12
PREREQUISITE(S): Technical Theatre I and Teacher Approval

WISD COURSE CODE: 5TECH2 / 5TECH3 / 5TECH4
PEIMS: 03250600 / 03251100 / 03251200

PE / ATHLETICS

PHYSICAL EDUCATION (INDIVIDUAL AND TEAM SPORTS)

NOTE: 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.

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5PEITS
PEIMS: PES00053

AEROBICS

NOTE: 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 placed on participation rate and level and to place an importance on being physically active and physically fit.

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5AEROB
PEIMS: PES00051

BOYS ATHLETICS I, II, III, IV

NOTE: Students may earn up to four state-approved PE credits.
9th graders will be in a separate period but still participate competitively in their sport. Junior varsity and varsity competitive participation in athletics for 10th - 12th graders. Students will participate in a year round strength and conditioning program.

CREDIT: 1 credit each year
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5BTH1 / 5BTH2 / 5BTH3 / 5BTH4
PEIMS: PES00000 / PES00001 / PES00002 / PES00003

GIRLS ATHLETICS I, II, III, IV

NOTE: Students may earn up to four state-approved PE credits.
9th grade through 12th grade girls will be in the same period. All levels will compete competitively. Students will participate in a year round strength and conditioning program.

CREDIT: 1 credit each year
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5GTH1 / 5GTH2 / 5GTH3 / 5GTH4
PEIMS: PES00000 / PES00001 / PES00002 / PES00003

ATHLETIC TRAINER I, II, III, IV

NOTE: 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.

CREDIT: 1 credit each year
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5ATTR1 / 5ATTR2 / 5ATTR3 / 5ATTR4
PEIMS: PES00000 / PES00001 / PES00002 / PES00003

TENNIS ATHLETICS I, II, III, IV

NOTE: Students may earn up to four state-approved PE credits.

Provides for 9th, junior varsity and varsity competitive participation in Tennis.

CREDIT: 1 credit each year
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5TT1 / 5TT2 / 5TT3 / 5TT4
PEIMS: PES00000 / PES00001 / PES00002 / PES00004

SWIM ATHLETICS I, II, III, IV

NOTE: Students may earn up to four state-approved PE credits.

Competitive Swim Team Only

CREDIT: 1 credit each year
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5SWT1 / 5SWT2 / 5SWT3 / 5SWT4
PEIMS: PES00000 / PES00001 / PES00002 / PES00003

DRILL TEAM I, II, III, IV

NOTE: Students may earn up to four state-approved PE credits.

Competitive Drill Team Only - Tryouts required.

CREDIT: 1 credit each year
GRADE: 9, 10, 11, 12
PREREQUISITE(S): Tryouts with Dance Instructor

WISD COURSE CODE: 5DT1 / 5DT2 / 5DT3 / 5DT4
PEIMS: 03830100 / 03830200 / 03830300 / 03830400

PEER LEADERSHIP

PEER ASSISTANCE AND LEADERSHIP I

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.

CREDIT: 1
WISD COURSE CODE: 5PAL1
GRADE: 11, 12
PEIMS: N1290005
PREREQUISITE(S): Faculty and teacher nominated, teacher selected

UNIFIED CHAMPS

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 day may be required.

CREDIT: 1
WISD COURSE CODE: 5UNCH
GRADE: 10, 11, 12
PEIMS: N1290203
PREREQUISITE(S): Faculty and teacher nominated, teacher selected, application required

DUAL CREDIT ELECTIVES

DUAL CREDIT INTRODUCTION TO PSYCHOLOGY

This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description.
Note: Students should check with the colleges/universities they plan to attend to see if college credit will be granted.

CREDIT: 0.5
GRADE: 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5COPSY
PEIMS: 03350100

DUAL CREDIT INTRODUCTION TO SOCIOLOGY

This is an Austin Community College class. See ACC Course Catalog in the Counseling office for course description.
Note: Students should check with the colleges/universities they plan to attend to see if college credit will be granted.

CREDIT: 0.5
GRADE: 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5COSOC
PEIMS: 03370100

DEBATE / COMPETITIVE SPEAKING / UIL

DEBATE I

An introduction to the rhetoric and structure of classical debate. Emphasis is on research, strategy and argumentation. Oration and extemporaneous speaking is also included. (Note: Students are required to participate in all scheduled tournaments during the year.)

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5DBT1
PEIMS: 03240600

DEBATE II, III

Competitive speaking and debate for tournament and UIL competition. Students wishing to participate in Debate IV should sign up for Competitive Speech IV (COMSP4). (Note: Students are required to participate in all scheduled tournaments during the year.)

CREDIT: 1 credit each year
GRADE: 10, 11, 12
PREREQUISITE(S): Debate

WISD COURSE CODE: 5DBT2 / 5DBT3
PEIMS: 03240700 / 03240800

COMPETITIVE SPEECH I

Individualized independent study for competitive speaking/debate. (Note: Students are required to participate in all scheduled tournaments during the year.)

CREDIT: 1
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5CMSP1
PEIMS: 03240900

COMPETITIVE SPEECH II, III, IV

Individualized independent study for competitive speaking/debate. (Note: Students are required to participate in all scheduled tournaments during the year.)

CREDIT: 1 credit each year
GRADE: 10, 11, 12
PREREQUISITE(S): Competitive Speech or Debate

WISD COURSE CODE: 5CMSP2 / 5CMSP3 / 5CMSP4
PEIMS: 03241000 / 03241100 / 03241200

UIL COMPETITION I, II, III, IV

Designed for students participating in University Interscholastic League Academic Events. (Note: Students are required to compete in UIL Academic Events throughout the year.)

CREDIT: 0.5 local credits each semester
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5UIL1 / 5UIL2 / 5UIL3 / 5UIL4
PEIMS: 85000223 / 85000224 / 85000225 / 85000226

REQUIRED ELECTIVES

PROFESSIONAL COMMUNICATIONS

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.

CREDIT: 0.5
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5SPEEC
PEIMS: 13009900

HEALTH

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.

CREDIT: 0.5
GRADE: 9, 10, 11, 12
PREREQUISITE(S): None

WISD COURSE CODE: 5HLTH
PEIMS: 03810100

LOCAL CREDITS

OFFICE ASSISTANT/TEACHER ASSISTANT

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.

CREDIT: 1 local credit each year
GRADE: 9, 10, 11, 12
PREREQUISITE(S): Principal's/Counselor's Approval
WISD COURSE CODE: 5OFFAD/5TOA
PEIMS: 85000234

FCI SERVICE DOG TRAINING

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.

CREDIT: 1 local credit each year
GRADE: 10, 11, 12
PREREQUISITE(S): Principles of Agriculture (recommended)
WISD COURSE CODE: 5FCI
PEIMS: 84900XXX

LATE ARRIVAL / EARLY RELEASE

LATE ARRIVAL

CREDIT: 0
GRADE: 11, 12 or Dual Credit Student
PREREQUISITE(S): Students must meet CCMR standards set by the State of Texas to be considered. Please see CCMR Requirements on page 6.
WISD COURSE CODE: 5LA1
PEIMS: 85000101

EARLY RELEASE

CREDIT: 0
GRADE: 11, 12 or Dual Credit Student
PREREQUISITE(S): Students must meet CCMR standards set by the State of Texas to be considered. Please see CCMR Requirements on page 6.
WISD COURSE CODE: 5ER8
PEIMS: 85000102

WIMBERLEY HIGH SCHOOL
CAREER & TECHNICAL COURSES

ENDORSEMENT
CAREER CLUSTER
PROGRAM OF STUDY

Revised - Jan 2026

CAREER CLUSTERS & PROGRAM OF STUDY MAP

BUSINESS & INDUSTRY	STEM	PUBLIC SERVICE	ARTS & HUMANITIES	MULTIDISCIPLINARY
Agriculture, Food, Natural Resources - Animal Science - Agricultural Technology and Mechanical Systems - Plant Science **Arts, Audio/Visual Technology, and Communications** - Digital Communications - Graphic Design and Interactive Media **Business, Marketing, and Finance** - Marketing and Sales	**Engineering** - Engineering Foundations **Information Technology** - Cybersecurity - Programming and Software Development	**Education and Training** - Teaching and Training **Health Science** - Diagnostic and Therapeutic Services - Exercise Science, Wellness, and Restoration **Human Services** - Family and Community Services	Visual Arts Performing Arts - Music - Vocal - Theatre	**Option A:** Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence, or **Option B:** Four credits in each of the four foundation subject areas to include English IV, and Chemistry and/or Physics, or **Option C:** Four credits in advanced placement, or dual credit selected from English, Mathematics, Science, Social Studies, Economics, LOTE, or Fine Arts.

Junior or Senior year practicum course eligible within these endorsements ONLY.
Prerequisites for practicum courses differ by Program of Study.

Not practicum eligible.

Revised - Jan 2026

Agriculture, Food, and Natural Resources Career Cluster

Program of Study: Animal Science

Concentration: Animal Biology & Veterinary Science

1st Class	**Principles of Agriculture, Food, and Natural Resources** (1 credit) **FCI Service Dog Class** (local credit)
2nd Class	**Small Animal Management** (.5 credit) **Equine Science** (.5 credit) **FCI Service Dog Class** (local credit) **Entrepreneurship I** (1 credit)
3rd Class	**Livestock and Poultry Production** (1 credit) *Prerequisite: At least one course from the Agriculture, Food, and Natural Resources career cluster* **FCI Service Dog Class** (local credit)
4th Class	**Advanced Animal Science** (1 credit) *Prerequisite: Livestock and Poultry Production Note: This course satisfies a high school science graduation requirement.* **Veterinary Science** (1 credit) *Prerequisite: Livestock and Poultry Production* **FCI Service Dog Class** (local credit) **Practicum in Agriculture, Food, and Natural Resources** (2 credits) *Prerequisite: A minimum of two credits with at least one course in a Level 2 or higher course from the Agriculture, Food, and Natural Resources career cluster* **Practicum in Entrepreneurship** *(2 credits)* **Career and Technical Education Project-Based Capstone** *(1 credit)*

Aligned Industry-Based Certifications

- Certified Veterinary Assistant, Level 1

Program of Study: Agricultural Technology and Mechanical Systems

Concentration: Welding

1st Class	**Principles of Agriculture, Food, and Natural Resources** (1 credit)
2nd Class	**Agricultural Mechanics and Metal Technologies** (1 credit) **Agricultural Mechanics and Metal Technologies + Agricultural Laboratory and Field Experience*** (2 credits)
3rd Class	**Agricultural Structures Design and Fabrication + Agricultural Laboratory and Field Experience** (2 credit)
4th Class	**Agricultural Equipment Design and Fabrication + Agricultural Laboratory and Field Experience** (2 credits) **Practicum in Agriculture, Food, and Natural Resources** (2 credits) *Prerequisites: A minimum of two credits with at least one course in a Level 2 or higher course from the Agriculture, Food, and Natural Resources career cluster* **Career and Technical Education Project-Based Capstone** *(1 credit)*

Aligned Industry-Based Certifications

- AWS D9.1 Sheet Metal Welding

Revised - Jan 2026

Agriculture, Food, and Natural Resources Career Cluster

Program of Study: Plant Science

Concentration: Business of plants and other living organisms

1st Class	**Principles of Agriculture, Food, and Natural Resources** (1 credit)
2nd Class	**Landscape Design and Management** (.5 credit) **Turf Grass Management** (.5 credit) **Entrepreneurship I** (1 credit)
3rd Class	**Floral Design** (1 credit) *Note: This course satisfies the fine arts graduation requirement.*
4th Class	**Advanced Plant and Soil Science** (1 credit) *Prerequisite: Biology; either chemistry or Integrated Physics and Chemistry (IPC); Algebra I; Geometry; and either Horticultural Science, Greenhouse Operation and Production, or Floral Design* *Note: This course satisfies a high school science graduation requirement.* **Practicum in Agriculture, Food, and Natural Resources** (2 credits) *Prerequisite: A minimum of two credits with at least one course in a Level 2 or higher course from the Agriculture, Food, and Natural Resources career cluster* **Practicum in Entrepreneurship** *(2 credits)* **Career and Technical Education Project-Based Capstone** *(1 credit)*

Aligned Industry-Based Certifications

- Principles of Floral Design Certification

AGRICULTURE, FOOD, AND NATURAL RESOURCES

PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES

In Principles of Agriculture, Food, and Natural Resources, students explore major areas of agriculture, food, and natural resources, including organizations, agribusiness leadership and communications, plant science, animal science, food science and technology, agricultural technology and mechanical systems, and environmental and natural resources. To prepare for careers in agriculture, food, and natural resources, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

CREDIT: 1
WISD COURSE CODE: 5PRNAG
LEVEL: 1
PEIMS: 13000200
PREREQUISITE(S): This course is required for students wanting to enter this pathway.

LANDSCAPE DESIGN AND MANAGEMENT

Landscape Design and Management is designed to develop an understanding of landscape design and management techniques and practices.

CREDIT: 0.5
WISD COURSE CODE: 5LDM
LEVEL: 2
PEIMS: 13001900

TURF GRASS MANAGEMENT

Turf Grass Management is designed to develop an understanding of turf grass management techniques and practices.

CREDIT: 0.5
WISD COURSE CODE: 5TGM
LEVEL: 2
PEIMS: 13001950

SMALL ANIMAL MANAGEMENT

In Small Animal Management, students acquire knowledge and skills related to the small animal management industry. Small Animal Management may address topics related to small animals such as dogs and cats, rabbits, pocket pets, amphibians, reptiles, and birds. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to small animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

CREDIT: 0.5
WISD COURSE CODE: 5SAM
LEVEL: 2
PEIMS: 13000400

EQUINE SCIENCE

In Equine Science, students acquire knowledge and skills related to the equine industry. Equine Science may address topics related to horses, donkeys, and mules. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to equine systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

CREDIT: 0.5
WISD COURSE CODE: 5ES
LEVEL: 2
PEIMS: 13000500

ENTREPRENEURSHIP I

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine the feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

CREDIT: 1
LEVEL: 2
WISD COURSE CODE: 5ENT1
PEIMS: 13011101

AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES (ACC DUAL CREDIT OPPORTUNITY)

Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. 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. This level 2 course will be offered as an ACC Dual Credit class to include: WLDG 1428: Introduction to Shielded Metal Arc Welding. An introduction to the shielded metal arc welding process. Emphasis placed on power sources, electrode selection, and various joint designs. (4 hours) and WLDG 1430: Introduction to Gas Metal Arc Welding (GMAW) –and Flux Cored Arc Welding (FCAW). A study of the principles of Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW), setup and use of GMAW and FCAW equipment, and safe use of tools/equipment. Instruction in various joint designs. *Multiple Processing Welding Occupational Skills Award* opportunity.

CREDIT: 1 or 2
LEVEL: 2
PREREQUISITE(S): Principles of Agriculture, Food, and Natural Resources
WISD COURSE CODE: 5AGMEC / 5COAGM
PEIMS: 13002200

FLORAL DESIGN

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.

CREDIT: 1 (counts as a fine art credit)
LEVEL: 3
WISD COURSE CODE: 5FLDSN
PEIMS: 13001800

LIVESTOCK AND POULTRY PRODUCTION

In Livestock and Poultry Production, students acquire knowledge and skills related to the livestock and poultry production industry. Livestock and Poultry Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. To prepare for careers in the field of animal science, students must attain academic knowledge and skills, acquire knowledge and skills related to livestock and poultry systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

CREDIT: 1
LEVEL: 3
PREREQUISITE(S): At least one course from the Agriculture, Food, and Natural Resources career cluster
WISD COURSE CODE: 5LP
PEIMS: 13000300

AGRICULTURAL STRUCTURES DESIGN AND FABRICATION (ACC DUAL CREDIT OPPORTUNITY)

In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. This level 3 course will be offered as an ACC Dual Credit class to include:

WLDG 1434: Gas Tungsten An introduction to the principles of gas tungsten arc welding (GTAW), setup/use of GTAW equipment, and safe use of tools and equipment. Welding instruction in various positions and joint designs. Note: Attendance on the first day of class is mandatory.

WLDG 1413 Blueprint Read A study of industrial blueprints. Emphasis placed on terminology, symbols, graphic description, and welding processes. Includes systems of measurement and industry standards. Also includes interpretation of plans and drawings used by industry to facilitate field application and production. For successful progression within this course, students should take WLDG 1428 before or at the same time as WLDG 1413. Note: Attendance on the first day of class is mandatory.

CREDIT: 2
WISD COURSE CODE: 5ASD / 5COASD
LEVEL: 3
PEIMS: 13002300
PREREQUISITE(S): Principles of Agriculture, Food, and Natural Resources (Note: There is a $20 fee for materials and supplies.)

ADVANCED PLANT AND SOIL SCIENCE

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.

CREDIT: 1 (counts as a 4th science credit)
WISD COURSE CODE: 5APSS
LEVEL: 4
PEIMS: 13002100
PREREQUISITE(S): Biology and chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and Floral Design

ADVANCED ANIMAL SCIENCE

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of animal production, including canine, feline, bovine, equine, caprine, porcine, ovine, poultry, and lagomorpha production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. Students must meet the 40% laboratory and fieldwork requirement.

CREDIT: 1 (counts as a 4th science credit)
LEVEL: 4
WISD COURSE CODE: 5AAS
PEIMS: 13000700
PREREQUISITE(S): Biology and chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock and Poultry Production

AGRICULTURAL EQUIPMENT DESIGN AND FABRICATION/LAB (ACC DUAL CREDIT OPPORTUNITY)

In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural equipment design and fabrication.

This level 4 course will be offered as an ACC Dual credit class to include:

WLDG 1457 Shielded Metal A study of the production of various fillets and groove welds. Preparation of specimens for testing in various positions.

WLDG 2471 Structural Connections Covers design and production of shop layout, fabrication, and field erection of critical building and bridge moment connections. Emphasis placed on symbols, blueprints, and written specifications. This is the Capstone Experience course for the *Structural Welding Certificate*. Students must take WLDG 1457 before or at the same time as WLDG 2471; it is also recommended to take WLDG 1413 before or at the same time as WLDG 2471. Note: Prerequisite: WLDG 1457. It is also recommended to take WLDG 1413 before or concurrently with WLDG 2471.

CREDIT: 2
LEVEL: 4
PREREQUISITE(S): Ag Mechanics and Metal Technologies

WISD COURSE CODE: 5AEDL / 5COAED
PEIMS: 13002360

PRACTICUM IN AGRICULTURE, FOOD AND NATURAL RESOURCES

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. To prepare for careers in agriculture, food, and natural resources, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

CREDIT: 2
LEVEL: 4
PREREQUISITE(S): A minimum of two credits with at least one course in a Level 2 or higher course from the Agriculture, Food, and Natural Resources career cluster

WISD COURSE CODE: 5PRAG
PEIMS: 13002500

PRACTICUM IN ENTREPRENEURSHIP

Practicum in Entrepreneurship provides students the opportunity to apply classroom learning and experiences to real-world business problems and opportunities in a free enterprise system while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or an unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study.

CREDIT: 2
LEVEL: 4
PREREQUISITE(S): Entrepreneurship I and Entrepreneurship II, or successful completion of at least two courses in a CTE program of study

WISD COURSE CODE: 5PRAEN
PEIMS: 13011111

VETERINARY SCIENCE

Veterinary Science covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

CREDIT: 1
WISD COURSE CODE: 5VETSC
LEVEL: 4
PEIMS: 13000600
PREREQUISITE(S): Equine Science, Small Animal Management, or Livestock and Poultry Production

CAREER AND TECHNICAL EDUCATION PROJECT-BASED CAPSTONE

Career and Technical Education Project-Based Capstone is a course designed for students to develop and enhance essential skills while investigating real-world problems, issues, or interests. Students work independently or collaboratively with others within or across career clusters or programs of study. Students partner with mentor(s) or advisor(s) to develop a project. Students conduct research, compile findings, implement project activities appropriate to student contribution, and present their work to a relevant audience that may include industry experts. Students may repeat this course with different course content for up to three credits.

CREDIT: 1
WISD COURSE CODE: 5CAP
LEVEL: 4
PEIMS: 12701101

Revised - Nov 2025

Arts, Audio Visual Technology & Communications Career Cluster

Program of Study: Digital Communications
Concentration: Audio/Video Production

1st Class	**Principles of Arts, Audio/Video Technology, and Communications** (1 credit)
2nd Class	**Audio/Video Production I** (1 credit) **Entrepreneurship I** (1 credit)
3rd Class	**Audio/Video Production II** (1 credit) Prerequisite: Audio/Video Production I
4th Class	**Practicum in Entrepreneurship** *(2 credits)*

Aligned Industry-Based Certifications

- Adobe Certified Professional in Digital Video Using Adobe Premiere Pro

Program of Study: Graphic Design & Interactive Media
Concentration: Graphic Design

1st Class	**Principles of Arts, Audio/Video Technology, and Communications** (1 credit)
2nd Class	**Digital Design and Media Production (Yearbook)** *(1 credit)* **Graphic Design and Illustration I** (1 credit) **Commercial Photography I** (1 credit) **Entrepreneurship I** (1 credit)
3rd Class	**Graphic Design and Illustration II** (1 credit) Prerequisite: Graphic Design and Illustration I **Commercial Photography II** (1 credit)
4th Class	**Practicum in Entrepreneurship** *(2 credits)*

Aligned Industry-Based Certifications

- Adobe Certified Professional in Visual Design Using Adobe Photoshop
- Adobe Certified Professional in Print and Digital Media Publication Using Adobe InDesign
- Adobe Certified Professional in Graphic Design and Illustration Using Adobe Illustrator

ARTS, AV TECHNOLOGY, AND COMMUNICATION

PRINCIPLES OF ARTS, AV TECHNOLOGY, AND COMMUNICATION

Careers in the Arts, Audio Visual Technology, and Communications career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

CREDIT: 1
WISD COURSE CODE: 5PRNAV
LEVEL: 1
PEIMS: 13008200
PREREQUISITE(S): This course is required for students wanting to enter this pathway.

DIGITAL DESIGN AND MEDIA PRODUCTION (YEARBOOK)

Digital Design and Media Production will allow students to demonstrate creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others as well as independently. Students will gather information electronically, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will demonstrate a thorough understanding of digital design principles that is transferable to other disciplines. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts. (Note: Students enrolled in this course will be Yearbook staff members, so hours may be required outside of class in order to complete yearbook assignments. Students must submit 2 formal letters of recommendation to the DDMP teacher.)

CREDIT: 1
WISD COURSE CODE: 5DDMP
LEVEL: 2
PEIMS: 03580400
PREREQUISITE(S): 2 formal letters of recommendation

AUDIO/VIDEO PRODUCTION I

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on preproduction, production, and post-production audio and video products.

CREDIT: 1
WISD COURSE CODE: 5AVPR1
LEVEL: 2
PEIMS: 13008500
PREREQUISITE(S): Principles of Arts, Audio/Video Technology, and Communications is recommended.

COMMERCIAL PHOTOGRAPHY I

Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. In addition to developing knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs.

CREDIT: 1
WISD COURSE CODE: 5PHOT1
LEVEL: 2
PEIMS: 1300910

GRAPHIC DESIGN AND ILLUSTRATION I

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

CREDIT: 1
WISD COURSE CODE: 5GRPH1
LEVEL: 2
PEIMS: 13008800
PREREQUISITE(S): Principles of Arts, Audio/Video Technology, and Communications (Students should have a foundational understanding of Adobe design software programs and basic design concepts.)

ENTREPRENEURSHIP I

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine the feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

CREDIT: 1
WISD COURSE CODE: 5ENT1
LEVEL: 2
PEIMS: 13011101

COMMERCIAL PHOTOGRAPHY II

Careers in commercial photography span all aspects of the industry from setting up a shot to delivering products in a competitive market. In addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

CREDIT: 1
WISD COURSE CODE: 5PHOT2
LEVEL: 3
PEIMS: 1300920

AUDIO/VIDEO PRODUCTION II

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Building upon the concepts taught in Audio/Video Production I, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio Visual Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. This course may be implemented in an audio format or a format with both audio and video. (Note: Additional time beyond regular school hours is required for productions.)

CREDIT: 1
WISD COURSE CODE: 5AVPR2
LEVEL: 3
PEIMS: 13008600
PREREQUISITE(S): Audio/Video Production I is recommended.

GRAPHIC DESIGN AND ILLUSTRATION II

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

CREDIT: 1
WISD COURSE CODE: 5GRPH2
LEVEL: 3
PEIMS: 13008900
PREREQUISITE(S): Graphic Design and Illustration I

PRACTICUM IN ENTREPRENEURSHIP

Practicum in Entrepreneurship provides students the opportunity to apply classroom learning and experiences to real-world business problems and opportunities in a free enterprise system while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or an unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study.

CREDIT: 2
WISD COURSE CODE: 5PRAEN
LEVEL: 4
PEIMS: 13011111
PREREQUISITE(S): RECOMMENDED - successful completion of at least two courses in a CTE program of study.

Business, Marketing, and Finance Career Cluster

Program of Study: Marketing & Sales
Concentration: Marketing, Sales, & Market Research

1st Class	**Principles of Business, Marketing, and Finance** (1 credit)
2nd Class	**Sports and Entertainment Marketing** (.5 credit) **Virtual Business** (.5 credit) **Entrepreneurship I** (1 credit)
3rd Class	**Advertising** (.5 credit) **Social Media Marketing** (.5 credit)
4th Class	**Practicum in Marketing** (2 credits) **Practicum in Entrepreneurship** (2 credits)

Aligned Industry-Based Certifications

- Stukent Social Media Marketing Certification

BUSINESS, MARKETING, AND FINANCE

PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

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.

CREDIT: 1
LEVEL: 1
WISD COURSE CODE: 5PRBMF
PEIMS: 1301120

SPORTS AND ENTERTAINMENT MARKETING

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.

CREDIT: 0.5
LEVEL: 2
WISD COURSE CODE: 5SPEM
PEIMS: 13034600
PREREQUISITE(S): Principles of Business, Marketing, and Finance (recommended)

VIRTUAL BUSINESS

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 demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business.

CREDIT: 0.5
LEVEL: 2
WISD COURSE CODE: 5VB
PEIMS: 13012000
PREREQUISITE(S): Principles of Business, Marketing, and Finance (recommended)

ENTREPRENEURSHIP I

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine the feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

CREDIT: 1
LEVEL: 2
WISD COURSE CODE: 5ENT1
PEIMS: 13011101

ADVERTISING

Advertising is designed as a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, cultural, ethical, and legal issues of advertising, historical influences, strategies, media decision processes as well as integrated marketing communications, and careers in advertising and sales promotion. The course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge.

CREDIT: 0.5
LEVEL: 3
WISD COURSE CODE: 5ADV
PEIMS: 1303420

SOCIAL MEDIA MARKETING

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

CREDIT: 0.5
LEVEL: 3
WISD COURSE CODE: 5SMM
PEIMS: 13034650

PRACTICUM IN MARKETING

Practicum in Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students will gain 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. Students will integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions.

CREDIT: 2
LEVEL: 4
WISD COURSE CODE: 5PRAM
PEIMS: 13034800

PRACTICUM IN ENTREPRENEURSHIP

Practicum in Entrepreneurship provides students the opportunity to apply classroom learning and experiences to real-world business problems and opportunities in a free enterprise system while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or an unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study.

CREDIT: 2
LEVEL: 4
PREREQUISITE(S): Entrepreneurship I and Entrepreneurship II, or successful completion of at least two courses in a CTE program of study
WISD COURSE CODE: 5PRAEN
PEIMS: 13011111

Revised - Nov 2025

Health Science Career Cluster

Program of Study: Diagnostic and Therapeutic Services
Concentration: Healthcare—Diagnostic & Rehabilitation Therapy

1st Class	**Principles of Health Science** (1 credit)
2nd Class	**Medical Terminology** (1 credit)
3rd Class	**Anatomy and Physiology** (1 credit) *Prerequisites: One credit in biology and one credit in chemistry, Integrated Physics and Chemistry (IPC), or physics* **Medical Microbiology** (1 credit) *Prerequisites: One credit in biology, one credit in chemistry, and at least one credit in a course from the Health Science career cluster* **Health Science Theory** (1 credit) *Prerequisite: One credit in biology and at least one credit in a course from the Health Science career cluster*
4th Class	**Practicum in Health Science** (2 credits) *Prerequisites: Health Science Theory and biology* **Practicum in Health Science + Patient Care Technician** (2 credits) *Prerequisites: Health Science Theory and biology*

Aligned Industry-Based Certifications

- Patient Care Technician

Program of Study: Exercise Science, Wellness, and Restoration
Concentration: Health & Wellness / Exercise Science & Rehabilitation

1st Class	**Principles of Health Science** (1 credit)
2nd Class	**Interpersonal Studies** (.5 credit) **Lifetime Nutrition and Wellness** (.5 credit) **Medical Terminology** (1 credit) **Entrepreneurship I** (1 credit)
3rd Class	**Health Science Theory** (1 credit) *Prerequisite: One credit in biology and at least one credit in a course from the Health Science career cluster* **Anatomy and Physiology** (1 credit)
4th Class	**Practicum in Entrepreneurship** (2 credits) **Practicum in Health Science** (2 credits) *Prerequisites: Health Science Theory and biology* **Practicum in Health Science + Patient Care Technician** (2 credits) *Prerequisites: Health Science Theory and biology* **Career and Technical Education Project-Based Capstone** *(1 credit)*

Aligned Industry-Based Certifications

- Patient Care Technician

HEALTH SCIENCE

PRINCIPLES OF HEALTH SCIENCE

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

CREDIT: 1
LEVEL: 1
WISD COURSE CODE: 5PRNHS
PEIMS: 13020200

INTERPERSONAL STUDIES

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.

CREDIT: 0.5
LEVEL: 2
WISD COURSE CODE: 5IPS
PEIMS: 13024400

LIFETIME NUTRITION AND WELLNESS

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

CREDIT: 0.5
LEVEL: 2
WISD COURSE CODE: 5LNW
PEIMS: 13024500

MEDICAL TERMINOLOGY

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

CREDIT: 1
LEVEL: 2
WISD COURSE CODE: 5MEDTM
PEIMS: 13020300

ENTREPRENEURSHIP I

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine the feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

CREDIT: 1
LEVEL: 2
WISD COURSE CODE: 5ENT1
PEIMS: 13011101

HEALTH SCIENCE THEORY

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 become familiar with industry-based standards for documenting and maintaining medical information; research industry employment requirements, including education, certification, and licensing requirements; and evaluate ethical and legal responsibilities of health science professionals. Students will employ hands-on experiences for continued clinical knowledge and skill development.

CREDIT: 1
WISD COURSE CODE: 5HLTSC
LEVEL: 3
PEIMS: 13020400
PREREQUISITE(S): One credit in biology and at least one credit in a course from the Health Science career cluster

ANATOMY AND PHYSIOLOGY

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.
Note: This course satisfies a high school science graduation requirement.

CREDIT: 1
WISD COURSE CODE: 5ANAPH
LEVEL: 3
PEIMS: 13020600
PREREQUISITE(S): One credit in biology and one credit in chemistry, Integrated Physics and Chemistry (IPC), or physics

MEDICAL MICROBIOLOGY

The Medical Microbiology course is designed to explore the microbial world, studying topics such as pathogenic and nonpathogenic microorganisms, laboratory procedures, identifying microorganisms, drug-resistant organisms, and emerging diseases. Students must meet the 40% laboratory and fieldwork requirement.
Note: This course satisfies a high school science graduation requirement.

CREDIT: 1
WISD COURSE CODE: MICRO
LEVEL: 3
PEIMS: 13020700
PREREQUISITE(S): One credit in biology, one credit in chemistry, and at least one credit in a course from the Health Science career cluster

PRACTICUM IN HEALTH SCIENCE

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.

CREDIT: 2
WISD COURSE CODE: 5PRAHS
LEVEL: 4
PEIMS: 13020500
PREREQUISITE(S): Health Science Theory and biology

PRACTICUM IN HEALTH SCIENCE / PATIENT CARE TECHNICIAN

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. 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.

CREDIT: 2
LEVEL: 4
PREREQUISITE(S): Health Science Theory and biology

WISD COURSE CODE: 5PHSPC
PEIMS: 13020500

PRACTICUM IN ENTREPRENEURSHIP

Practicum in Entrepreneurship provides students the opportunity to apply classroom learning and experiences to real-world business problems and opportunities in a free enterprise system while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or an unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study.

CREDIT: 2
LEVEL: 4
PREREQUISITE(S): Entrepreneurship I and Entrepreneurship II, or successful completion of at least two courses in a CTE program of study

WISD COURSE CODE: 5PRAEN
PEIMS: 13011111

CAREER AND TECHNICAL EDUCATION PROJECT-BASED CAPSTONE

Career and Technical Education Project-Based Capstone is a course designed for students to develop and enhance essential skills while investigating real-world problems, issues, or interests. Students work independently or collaboratively with others within or across career clusters or programs of study. Students partner with mentor(s) or advisor(s) to develop a project. Students conduct research, compile findings, implement project activities appropriate to student contribution, and present their work to a relevant audience that may include industry experts. Students may repeat this course with different course content for up to three credits.

CREDIT: 1
LEVEL: 4

WISD COURSE CODE: 5CAP
PEIMS: 12701101

Education and Training Career Cluster

Program of Study: Teaching & Training
Concentration: Education/Teaching

1st Class	**Principles of Human Services** (1 credit)
2nd Class	**Child Development** (1 credit)
3rd Class	**Instructional Practices** (2 credits) *Prerequisite: At least one credit in a course from the Education and Training career cluster*
4th Class	**Practicum in Education and Training** (2 credits) *Prerequisite: Instructional Practices* **Career and Technical Education Project-Based Capstone** ***(1 credit)***

Aligned Industry-Based Certifications

- Educational Aide I

Revised - Nov 2025

Human Services Career Cluster

Program of Study: Family and Community Services
Concentration: Social Services / Human & Family Development

1st Class	**Principles of Human Services** *(1 credit)*
2nd Class	**Child Development** *(1 credit)* **Lifetime Nutrition and Wellness** *(.5 credit)* **Interpersonal Studies** *(.5 credit)* **Entrepreneurship I** *(1 credit)*
3rd Class	**Counseling and Mental Health** *(1 credit)*
4th Class	**Practicum in Human Services** *(2 credits)* **Practicum in Entrepreneurship** *(2 credits)* **Career and Technical Education Project-Based Capstone** *(1 credit)*

Aligned Industry-Based Certifications

- Child Development Associate (CDA)
- Community Health Workers

HUMAN SERVICES/EDUCATION AND TRAINING

PRINCIPLES OF HUMAN SERVICES

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

CREDIT: 1
LEVEL: 1
WISD COURSE CODE: 5PHS
PEIMS: 13024200

CHILD DEVELOPMENT

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

CREDIT: 1
LEVEL: 2
WISD COURSE CODE: 5CHDEV
PEIMS: 13024700

INTERPERSONAL STUDIES

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.

CREDIT: 0.5
LEVEL: 2
WISD COURSE CODE: 5IPS
PEIMS: 13024400

LIFETIME NUTRITION AND WELLNESS

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

CREDIT: 0.5
LEVEL: 2
WISD COURSE CODE: 5LNW
PEIMS: 13024500

ENTREPRENEURSHIP I

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine the feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

CREDIT: 1
LEVEL: 2
WISD COURSE CODE: 5ENT1
PEIMS: 13011101

COUNSELING AND MENTAL HEALTH

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, and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

CREDIT: 1
LEVEL: 3
WISD COURSE CODE: 5CMH
PEIMS: 13024600

INSTRUCTIONAL PRACTICES

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

CREDIT: 2
LEVELI: 3
WISD COURSE CODE: 5INPR
PEIMS: 13014400
PREREQUISITE(S): At least one credit in a course from the Education and Training career cluster

PRACTICUM IN HUMAN SERVICES

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 communityservices careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the Human Services career cluster.

CREDIT: 2
LEVEL: 4
WISD COURSE CODE: 5PRAHU
PEIMS: 13025000

PRACTICUM IN EDUCATION AND TRAINING

Practicum in Education and Training is a field-based course that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and perform other duties of classroom teachers, trainers, paraprofessionals, or other educational personnel.

CREDIT: 2
LEVEL: 4
WISD COURSE CODE: 5PRET
PEIMS: 13014500
PREREQUISITE(S): Instructional Practices

PRACTICUM IN ENTREPRENEURSHIP

Practicum in Entrepreneurship provides students the opportunity to apply classroom learning and experiences to real-world business problems and opportunities in a free enterprise system while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or an unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study.

CREDIT: 2
WISD COURSE CODE: 5PRAEN
LEVEL: 4
PEIMS: 13011111
PREREQUISITE(S): Entrepreneurship I and Entrepreneurship II, or successful completion of at least two courses in a CTE program of study

CAREER AND TECHNICAL EDUCATION PROJECT-BASED CAPSTONE

Career and Technical Education Project-Based Capstone is a course designed for students to develop and enhance essential skills while investigating real-world problems, issues, or interests. Students work independently or collaboratively with others within or across career clusters or programs of study. Students partner with mentor(s) or advisor(s) to develop a project. Students conduct research, compile findings, implement project activities appropriate to student contribution, and present their work to a relevant audience that may include industry experts. Students may repeat this course with different course content for up to three credits.

CREDIT: 1
WISD COURSE CODE: 5CAP
LEVEL: 4
PEIMS: 12701101

Information Technology Career Cluster

Program of Study: Cybersecurity

Concentration: Cybersecurity

1st Class	**Fundamentals of Computer Science** (1 credit)
2nd Class	**Computer Science I** (1 credit) *Prerequisite: Algebra I*
3rd Class	**Networking** (1 credit) **AP Computer Science A** (1 credit)
4th Class	**Career and Technical Education Project-Based Capstone** (1 credit) **Practicum in Engineering** (2 credits) *Prerequisites: A minimum of two high school information technology (IT) courses*

Aligned Industry-Based Certifications

- CompTIA Network+

Program of Study: Programming and Software Development

Concentration: Software Engineering / Computer Programming

1st Class	**Fundamentals of Computer Science** (1 credit)
2nd Class	**Computer Science I** (1 credit) *Prerequisite: Algebra I* **Entrepreneurship I**
3rd Class	**AP Computer Science A** (1 credit)
4th Class	**Career and Technical Education Project-Based Capstone** (1 credit) **Practicum in Engineering** (2 credits) *Prerequisites: Algebra I and Geometry and a minimum of two credits with at least one course in a Level 2 or higher course from the Engineering career cluster* **Practicum in Entrepreneurship** (2 credits)

Aligned Industry-Based Certifications

- Certified Entry-Level Python Programmer (PCEP)

INFORMATION TECHNOLOGY

FUNDAMENTALS OF COMPUTER SCIENCE

Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn computational thinking, problem-solving, and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws, regulations, and best practices and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts.

CREDIT: 1
LEVEL: 1
PREREQUISITE(S): None

WISD COURSE CODE: 5FCS
PEIMS: 03580140

COMPUTER SCIENCE I

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through computational thinking and data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws, regulations, and best practices and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

CREDIT: 1
LEVEL: 2
PREREQUISITE(S): Algebra I

WISD COURSE CODE: 5CSI
PEIMS: 03580200

ENTREPRENEURSHIP I

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine the feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

CREDIT: 1
LEVEL: 2

WISD COURSE CODE: 5ENT1
PEIMS: 13011101

NETWORKING

In Networking, students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

CREDIT: 1
LEVEL: 3
WISD COURSE CODE: 5NETWRK
PEIMS: 13027400

AP COMPUTER SCIENCE A

Content requirements for Advanced Placement (AP) Computer Science A are prescribed in the College Board Publication Advanced Placement Course Description: Computer Science A, published by The College Board.
Note: This course satisfies a high school mathematics graduation and a LOTE graduation requirement.

CREDIT: 1
LEVEL: 3
WISD COURSE CODE: 5CS2
PEIMS: A3580110 (Math) A3580120 (LOTE)

PRACTICUM IN ENGINEERING

Practicum in Engineering 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. To prepare for careers in engineering, students must attain academic knowledge and skills, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

CREDIT: 2
LEVEL: 4
WISD COURSE CODE: 5PSTEM
PEIMS: 13037400
PREREQUISITE(S): Algebra I and Geometry and a minimum of two credits with at least one course in a Level 2 or higher course from the Engineering career cluster

CAREER AND TECHNICAL EDUCATION PROJECT-BASED CAPSTONE

Career and Technical Education Project-Based Capstone is a course designed for students to develop and enhance essential skills while investigating real-world problems, issues, or interests. Students work independently or collaboratively with others within or across career clusters or programs of study. Students partner with mentor(s) or advisor(s) to develop a project. Students conduct research, compile findings, implement project activities appropriate to student contribution, and present their work to a relevant audience that may include industry experts. Students may repeat this course with different course content for up to three credits.

CREDIT: 1
LEVEL: 4
WISD COURSE CODE: 5CAP
PEIMS: 12701101

Engineering Career Cluster

Program of Study: Engineering Foundations
Concentration: General Engineering / Engineering Design

1st Class	**Principles of Applied Engineering** (1 credit)
2nd Class	**Robotics I** (1 credit)
3rd Class	**Engineering Design and Presentation** (1 credit) *Prerequisites: Algebra I and at least one credit in a course from the Engineering career cluster*
4th Class	**Engineering Design and Problem Solving** (1 credit) *Prerequisites: Algebra I, Geometry, and at least one credit in a Level 2 or higher course in the Engineering career cluster* *Note: This course satisfies a high school science graduation requirement.* **Career and Technical Education Project-Based Capstone** (1 credit) **Practicum in Engineering** (2 credits) *Prerequisites: Algebra I and Geometry and a minimum of two credits with at least one course in a Level 2 or higher course from the Engineering career cluster*

Aligned Industry-Based Certifications

- Autodesk Certified User Inventor
- Autodesk Certified User AutoCAD
- C-103 Certified 4.0 Associate III - Robot System Operations

ENGINEERING

PRINCIPLES OF APPLIED 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.

CREDIT: 1
WISD COURSE CODE: 5PRNAE
LEVEL: 1
PEIMS: 13036200
PREREQUISITE(S): This course is required for students wanting to enter this pathway.

ROBOTICS I

Students who are members of the Wimberley Robotics team. Wimberley Robotics competes in UIL BEST Robotics competition and UIL FIRST Robotics Competition. (Note: This class comes with after school and weekend commitments.)

CREDIT: 1 credit each year
WISD COURSE CODE: 5ROBO1 / 5ROBO2
LEVEL: 2
PEIMS: 13037000 / 13037050
PREREQUISITE(S): None

ENGINEERING DESIGN AND PRESENTATION I

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.

CREDIT: 1
WISD COURSE CODE: 5ENGP1
LEVEL: 3
PEIMS: 13036500
PREREQUISITE(S): Principles of Applied Engineering

ENGINEERING DESIGN AND PROBLEM SOLVING

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.

CREDIT: 1 (counts as a 4th science)
WISD COURSE CODE: 5ENGPS
LEVEL: 4
PEIMS: 13037300
PREREQUISITE(S): Principles of Applied Engineering and Engineering & Design Presentation I

PRACTICUM IN ENGINEERING

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.

CREDIT: 2
WISD COURSE CODE: 5PSTEM
LEVEL: 4
PEIMS: 13037400
PREREQUISITE(S): Algebra I and Geometry. It is recommended that you also have taken two STEM Career Cluster Credits.

CAREER AND TECHNICAL EDUCATION PROJECT-BASED CAPSTONE

Career and Technical Education Project-Based Capstone is a course designed for students to develop and enhance essential skills while investigating real-world problems, issues, or interests. Students work independently or collaboratively with others within or across career clusters or programs of study. Students partner with mentor(s) or advisor(s) to develop a project. Students conduct research, compile findings, implement project activities appropriate to student contribution, and present their work to a relevant audience that may include industry experts. Students may repeat this course with different course content for up to three credits.

CREDIT: 1
LEVEL: 4
WISD COURSE CODE: 5CAP
PEIMS: 12701101

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

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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