

COURSE DESCRIPTION CATALOG

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El distrito escolar unificado de Willows es un empleador de igual oportunidad y no discrimina sobre la base de orientación sexual, el sexo, identificación de grupo étnico, la raza, la ascendencia, origen nacional, la religión, el color, la edad, o discapacidad mental o física. Para responder a preguntas y/o manejar una queja, póngase en contacto con Emmett Koerperich, Superintendente. (Título VI, Título IX, y Sección 504 Rehabilitación Vocacional).

WILLOWS HIGH SCHOOL

AND

WILLOWS UNIFIED SCHOOL DISTRICT

Schools in the Willows Unified School District do not discriminate against their students in any of its programs or activities.

Philosophy

The major purposes of education in our society are to transmit to the individual the culture of that society, which has been enriched and diversified by its many peoples to help the individual meet the challenges of a changing world and to develop in him/her a sense of responsibility as a member of society.

The cornerstone of a democratic society is concern for the individual. Consequently, if a democracy is to survive and flourish, it is important that each person be provided equal educational opportunity and encouraged to achieve his/her potential.

The responsibility of education in a democracy is to make it possible for each person to understand himself/herself and the world in order to live effectively in a world of expanding experiences and constant change. Additionally, the responsibility of education in a democracy is to increase the level of knowledge, to explore interests, to develop abilities, to recognize the responsibilities of citizenship, to develop the values that enable intelligent moral decisions to be made--education has a vital role to play in all of these areas.

Education must help every pupil to recognize that every society is a joint undertaking of individuals, that our society is a community of free men and women, and that only so long as the members of that society share understanding of and respect for democratic ideals, will America prosper and progress. A successful educational program includes continuous communication among parents, students, and staff.

Goals

It is the responsibility of the schools to give each pupil opportunities to participate in educational experiences that will help him/her to achieve the following:

1. **Intellectual Growth and Development**—The schools should help each pupil to master the basic skill of learning--reading, speaking and writing, mathematics--and to develop the ability to solve problems, evaluate ideas, and acquire useful knowledge. Since a fundamental tenet of democracy is faith in the ability of its citizens to make rational decisions, the schools should help pupils to learn to think rationally. The schools should be concerned with nurturing creativity and stimulating curiosity that motivate lifelong learning.

2. **Civic Responsibility in the Community and Nation**—The school should practice and teach fundamentals of democracy in order to instill in pupils an understanding and appreciation of the privileges and responsibilities of citizenship in a free country, build in them a capacity for self-discipline, and develop in them a willingness to participate as responsible citizens in an ever more complex world.
3. **Social Awareness and Responsibility**—The schools should help pupils to develop awareness of the importance of human relationships and interdependence of family members: understanding of the needs and feelings of others, respect for the rights, opinions and property of others, racial and cultural differences, and a sense of social responsibility.
4. **Emotional Maturity**—The schools should provide pupils' opportunities to develop individually satisfying and socially acceptable ways of utilizing or reducing tension created by a rapidly changing society and their own developing individuality. The schools should provide a variety of opportunities which enable pupils to explore their interests and abilities as a means of developing understanding of self and of achieving self-confidence.
5. **Vocational Education**—The schools should help pupils to choose and undertake skills programs appropriate to their interests and abilities as early as possible. The schools should assist pupils in selecting suitable careers and encourage them to take advantage of opportunities to develop skills which enable them to secure employment.
6. **Physical Fitness and Health**—The schools should help pupils to understand and appreciate the importance of optimum health to a useful and effective life, and they should help students to develop positive attitudes, habits, and safe practices designed to improve and maintain physical and mental fitness throughout life, and to help pupils to develop patterns for using leisure time wisely and enjoyably.
7. **Understanding and Appreciation of our American Heritage**—The schools should help pupils to achieve an understanding and appreciation of this land, its democratic heritage, the diversity of its culture, and its interdependence with other nations of the world. The complexity of our times makes it imperative that pupils develop an awareness and appreciation of American institutions and a commitment to the ideals of American life.
8. **Economic Understanding and Usefulness**—The schools should help pupils to appreciate and understand our economic system and learn to conduct their economic affairs effectively as consumers within the ongoing American economy.
9. **Understanding and Appreciation of Science, Technology and the Environment**—The complex technology of modern society makes it imperative that pupils understand applications of the natural and physical sciences to modern life and to the American economy. The schools should help pupils to acquire basic scientific knowledge and explore their interests and aptitudes in scientific technological fields, including conversation.
10. **Understanding and Appreciation of the Arts**—Some of the highest forms of creative expression of mankind have been in the arts. The schools should provide for pupils a climate favorable to the development of their creative capacities and should provide for them opportunities to know, understand, and appreciate cultural heritage.

INTRODUCTION

This Course Description Catalog will provide basic course information that will assist students in planning their individual schedules for the 2021-22 school year.

SCHEDULING INFORMATION

In selecting classes for high school, students should take into consideration several factors. First of all, you should discuss any and all selections with your parents and encourage them to take an active part in the scheduling process. In addition to your parents, you should discuss your future plans and goals with your counselor so that you can be aware of all the information you need to make a decision. The following are some of the things you need to consider:

- 1) You need to be aware of the courses that are required for graduation. Check in this course catalog for graduation requirements.
- 2) What areas of the curriculum meet your particular interests? You should always try to select classes that you have an interest in and that will also satisfy other requirements or needs.
- 3) What do you plan to do after high school? This varies greatly depending on individual student needs and goals. If you have not made a decision on what you plan to do after high school, students are strongly encouraged to keep as many "doors" open as possible. If you have any questions in regard to college entrance requirements, vocational training and/or schools, please make an appointment to see your counselor.
- 4) In an attempt to assist you in making the most of your high school classes, 4-year educational plans have been developed to help you plan your schedule.

College Preparatory

General Education

Career Technical Education

- Agriculture
- Automotive
- Business
- Computer
- Child Development & Education
- General Industrial
- Welding
- Food Service & Hospitality

SAMPLE FOUR-YEAR OUTLINES

COLLEGE PREPARATORY**

9th Grade

English 9
Integrated Math I
Biology
Spanish I
P.E.
Career Ed/Health
Elective
Elective

10th Grade

Honors English 10
Integrated Math II
Chemistry
World History
Spanish 2
Elective
Elective
Elective

11th Grade

English 11/AP Language & Comp
Integrated Math III
Anatomy & Physiology
U.S. History/AP U.S. History
Spanish 3
P.E.
Elective
Elective

12th Grade

Butte English 2/4
Butte Math 18
Physics
Government/Economics
Visual Performing Arts Elective
Elective
Elective
Elective

GENERAL EDUCATION

9th Grade

English 9
Integrated Math I
Biology
P.E.
Career Ed/Health
Elective
Elective
Elective

10th Grade

English 10
Integrated Math II
Earth Science/Chemistry
World History
P.E.
Spanish 1
Elective
Elective

11th Grade

English 11
Integrated Math III
Chemistry
U.S. History
Spanish 2
Elective
Elective
Elective

12th Grade

English 12/Butte English 2/4
Pre Calculus/Butte Math 18/26
Anatomy & Physiology
Government/Economics
Visual Performing Arts Elective
Elective
Elective
Elective

** Meets CSU and UC Entrance Requirements/Honors Level Program

SAMPLE FOUR-YEAR OUTLINES

AGRICULTURE PATHWAY

9th Grade

English 9
Integrated Math I
Ag Biology
P.E.
Ag Core I
Ag Mechanics
Career Ed/Health
Elective

10th Grade

English 10
Integrated Math II
Chemistry
World History
P.E.
Animal or Plant Science
Ag Welding I
Elective

11th Grade

English 11
Integrated Math III
U.S. History
Ag Wood Tech 1
Ag Welding 2
Ag Power & Mechanics
Animal or Plant Science
Elective

12th Grade

English 12
Government/Economics
Visual Performing Arts Elective
Ag Power & Mechanics
Ag Wood Tech 2
Ag Welding 3 (2 periods)
Ag Communications

FOOD SERVICE & HOSPITALITY PATHWAY

9th Grade

English 9
Integrated Math I
Biology
P.E.
Life Management: Food
Career Ed/Health
Elective
Elective

10th Grade

English 10
Integrated Math II
Earth Science/Chemistry
World History
P.E. 10-12
Culinary Arts 1
Elective
Elective

11th Grade

English 11
Integrated Math III
U.S. History
Anatomy/Physiology
Culinary Arts 2
Consumer Lab Tech
Elective
Elective

12th Grade

English 12
Government/Economics
Visual Performing Arts Elective
Consumer Lab Tech
Elective
Elective
Elective
Elective

SAMPLE FOUR-YEAR OUTLINES

BUSINESS/COMPUTER PATHWAY

9th Grade

English 9
Integrated Math I
Biology
P.E.
Career Ed/Health
Computer Apps
Elective
Elective

10th Grade

English 10
Integrated Math II
Earth Science/Chemistry
World History
P.E.
Computer Science
Elective
Elective

11th Grade

English 11
Integrated Math III
U.S. History
Yearbook
AP Computer Science
Elective
Elective
Elective

12th Grade

English 12
Government/Economics
Visual Performing Arts Elective
Elective
Elective
Elective
Elective
Elective

CHILD DEVELOPMENT PATHWAY

9th Grade

English 9
Integrated Math I
Biology
Life Management: Child
P.E.
Career Ed/Health
Elective
Elective

10th Grade

English 10
Integrated Math II
Earth Science/Chemistry
World History
P.E.
Child Development 1
Elective
Elective

11th Grade

English 11
Integrated Math III
U.S. History
Career Ed/Health
Anatomy/Physiology
Child Development 2
Consumer Lab Tech

12th Grade

English 12
Government/Economics
Visual Performing Arts Elective
Child Development 2
Consumer Lab Tech
Elective
Elective

WILLOWS HIGH SCHOOL GRADUATION REQUIREMENTS

REQUIREMENTS

Career **5 Credits**

- *Students are required to pass this class.
- Career Ed (5 credits)

English **40 Credits**

- *Students must pass 30 English credits - 10 from English 9 - 10 from English 10 & 10 from English 11:
 - ELD 1-3
 - English 9
 - English 10
 - Honors English 10
 - English 11
 - AP English Language & Composition

*Students are required to pass 10 units of credit from one or more of the following courses during their senior year:

- English 12
- AP English Language & Composition
- Butte English 2/Butte English 4

Visual Performing Arts or Foreign Language **10 Credits**

- *Students are required to pass 10 units of credit from one or more of the following courses:
 - Spanish 1 (10 credits)
 - Art 1 (10 credits)
 - Drama (10 credits)
 - Concert Band (10 credits)
 - Ag Wood Tech 1 (10 credits)
 - Agriculture Welding Fabrication and Metal Crafts 1 (10 credits)

Health **5 Credits**

- *Students are required to pass this class.
- Health (5 credits)

Physical Education **20 Credits**

- *Students are required to pass 10 credits of P.E. 1 and pass 10 credits of P.E. 2 or PE 3.

Mathematics 30 Credits

*Students are required to pass 30 credits in three or more of the following courses:

- Integrated Math I (10 credits)
- Integrated Math II (10 credits)
- Integrated Math III (10 credits)
- Survey of Math (10 credits)
- Butte Math 18 Intro to Statistics (10 credits)

Social Science 30 Credits

*Students are required to pass all of the following courses:

- World History (10 credits)
- AP World History (10 credits)
- United States History (10 credits)
- AP US History (10 credits)
- American Government and Civics (5 credits)
- Economics (5 credits)

Science 20 Credits

*Students are required to pass 10 credits in one or more of the following physical science courses:

- Earth Science (10 credits)
- Chemistry (10 credits)
- Physics (10 credits)
- Ag Chemistry (10 credits)

*Students are also required to pass 10 credits in one or more of the following life science courses:

- Biology (10 credits)
- Ag Biology (10 credits)

Electives 110 Credits

*Students are required to pass the indicated number of elective credits. (See course catalog for specific courses)

TOTAL CREDITS* FOR GRADUATION 270 Credits

THE A-G / COLLEGE ENTRANCE REQUIREMENTS

The A-G / College Entrance Requirements are a sequence of high school courses that students must complete (*with a grade of C or better*) to be minimally eligible for admission to the University of California (UC) and California State University (CSU). They represent the basic level of academic preparation that high school students should achieve to undertake university work.

The following chart summarizes the A-G / College Entrance Requirements:

	Subject	Years	Details
(A)	History/Social Science	2	Two years, including one year of world history, cultures, and historical geography <i>and</i> one year of U.S. history or one-half year of U.S. history and one-half year of civics or American Government.
(B)	English	4	Four years of college preparatory English that includes frequent and regular writing, and reading of classic and modern literature. Only one year of English Language Development (ELD) 4 counts toward this requirement.
(C)	Mathematics	3	Three years of college preparatory mathematics that includes the topics covered in elementary and advanced algebra, and two- and three- dimensional geometry.
(D)	Laboratory Science	2	Two years of laboratory science providing fundamental knowledge in at least two of these three disciplines: biology, chemistry, and physics.
(E)	Language Other Than English	2	Two years of the same language other than English.
(F)	Visual & Performing Arts	1	One year, including dance, drama/theatre, music or visual art.
(G)	College Preparatory Elective	1	One year (two semesters), chosen from additional “A-F” courses beyond those used to satisfy the requirements above, or courses that have been approved solely for use as “G” electives.

Additional Information on the A-G / College Entrance Requirements:

The purposes of the A-G / College Entrance Requirements are to ensure that entering students:

- Can participate fully in the first year program at UC and CSU in a broad variety of fields of study;
- Have attained the necessary preparation for courses, majors, and programs offered at UC and CSU;
- Have attained a body of knowledge that will provide breadth and perspective to new, more advanced studies; and
- Have attained essential critical thinking and study skills.

For further information, please visit the following online resources:

- A-G Course Lists (search by high school) – <https://hs-articulation.ucop.edu/guide>
- California Colleges- <http://www.californiacolleges.edu/>

WILLOWS HIGH SCHOOL

COURSE DESCRIPTIONS

Willows High School classes are open to all students regardless of race, sex, color, physical disability or creed.

ENGLISH PROGRAM

English Language Development 1, 2, 3 (ELD): This class is designated to teach students to learn to speak, read and write English. The ELD program services LEP (Limited English Proficiency) students with primary language support in the process of learning the basic high school courses. Our goal is to supply the language instruction and support for each student to be successful in school.

- Length of Course: Year
- Course Grade Level: 9-12
- Course Credit: 10 credit
- Requirement: Yes
- Elective: No
- UC (a-g) Course: No
- Prerequisite: LEP designation
- Special Notes:
- Homework: Approximately 1-5 hours per week

English 9: Following District and State standards, this course will continue to build a student's grammar skills and oral and written communication skills. It will also introduce students to different literary forms, short stories, novels, and plays, to read and analyze. Work will focus on expanding vocabulary, analyzing literature, utilizing various presentation methods (PowerPoint, posters, newspapers, speeches, memorization), and increasing writing skills.

- Length of Course: Year
- Course Grade Level: 9
- Course Credit: 10
- Requirement: Yes
- Elective: No
- UC (a-g) Course: Yes (Area B)
- Prerequisite:
- Recommendations:
- Special Notes:
- Homework: Approximately 1-4 hours per week

English 10: This course is a college prep class that follows the California Common Core State Standards. It includes literary analysis and has a special emphasis on multiple paragraph composition and preparing students for post high school expectations.

- Length of Course: Year
- Course Grade Level: 10
- Course Credit: 10

- Requirement: Yes
- Elective: No
- UC (a-g) Course: Yes (Area B)
- Prerequisite:
- Recommendations: Pass English 9
- Homework: Approximately 2-4 hours per week

Honors English 10: This class will require an in-depth approach to the reading and writing standards outlined in the California Common Core Standards. Students will be expected to engage in a high level of literary analysis with various forms of literature. This course is directed at providing students with a solid preparation for higher education.

- Length of Course: Year
- Course Grade Level: 10
- Course Credit: 10
- Requirement: Yes
- Elective: No
- UC (a-g) Course: Yes (Area B)
- Prerequisite: Pass English 9 with a “B” or better and teacher recommendation. Students may be required to pass an entrance essay exam.
- Recommendations: Pass English 9
- Special Notes: This course requires summer reading
- Homework: Approximately 5 hours per week

English 11: This course further develops the English-Language Arts skills of word analysis (vocabulary), reading comprehension, literary response and analysis, writing strategies, and written conventions (grammar). To improve these skills students will read, write, and perform various exercises focusing on American Literature. Some examples of the wide range of literature that may be used throughout the year are poetry, essays, drama, chronicles, short stories, myths, memoirs, letters, and sermons. In addition, students will read several novels. Frequent writing assignments will include various types of formal composition, as well as less structured creative writing.

- Length of Course: Year
- Course Grade Level: 11
- Course Credit: 10
- Requirement: Yes
- Elective: No
- UC (a-g) Course: Yes (Area B)
- Prerequisite:
- Recommendations: Pass English 10
- Homework: 2-3 hours per week

AP English Language & Composition: AP English Language & Composition: An AP English Language and Composition course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts, and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers’ intentions and elicit readers’ responses in particular situations. The course cultivates the rhetorical understanding and use of written language by directing students’ attention to writer/reader interactions in their reading and writing of various formal and informal genres.

- Length of Course: Year
- Course Grade Level: 11
- Course Credit: 10
- Requirement: Yes
- Elective: No
- UC (a-g) Course: Yes (Area B)
- Prerequisite: English 10
- Recommendations: Signature from English 10 teacher and at least a B in English 10
- Special Notes: This course involves rigorous amounts of reading and writing as well as summer and holiday assignments.
- Homework: 7 hours a week minimum

English 12: This class covers an array of British Literature. Composition lessons will include the progression of the varied paragraph and essay forms. Students will compose a number of formal essays pertaining to personal ideology, social standards, and thematic assignments. The literary content is presented in chronological fashion and will comprise poetry, prose writings, epics and ballads, progressive essays, short stories, a Shakespearian play, science fiction, and several novels. Students may actively maintain a personal journal in response to the many readings and discussions held in class or responses to weekly quick writes pertaining to current events or current literature focus.

- Length of Course: Year
- Course Grade Level: 12
- Course Credit: 10
- Requirement: Yes
- Elective: No
- UC (a-g) Course: Yes (Area B)
- Recommendations: 3 years of English credit
- Homework: Approximately 3-5 hours per week

Butte English 2 - Reading and Compositions 1: English 2 develops college level critical reading and writing skills for students. Emphasis is placed on critical thinking as well as mastering clear, expository, persuasive and argumentative writing. A minimum of 8,000 words will be written including a research paper. Students planning to attend UC, Berkeley must contact the English Department Chairperson at the beginning of the semester.

- Length of Course: Semester
- Course Grade Level: 12
- Course Credit: 3 College (4th year of WHS English is waived)
- Requirement: No
- UC (a-g) Course: Yes (Area B)
- Prerequisite:
- Recommendations: College Prep Honors
- Special Notes: Transfer credit to Butte, CSU, UC
- Homework: 3 hours per each class hour

Butte English 4: Introduction to Literature: English 4 concentrates on developing the basic skills necessary in literary analysis and critical thinking and writing, including the research paper. Reading material in this course is chosen from at least four of the five literary genres. A minimum of 6,000 words is written. This freshman composition course is required by some traditional state colleges for transfer and increasingly recommended to all university-bound students. Graded only. Students planning to attend UC, Berkeley should check with the Transfer Center.

- Length of Course: Semester
- Course Grade Level: 12
- Course Credit: 3 College (4th year of WHS English is waived)
- Requirement: No
- UC (a-g) Course: Yes (Area B)
- Prerequisite:
- Recommendations: College Prep Honors
- Special Notes: Transfer credit to Butte, CSU, UC
- Homework: 3 hours per each class hour

FOREIGN LANGUAGE PROGRAM

Spanish 1: This is a course in basic Spanish grammar and conversation. Emphasis will be placed on listening, speaking, reading, and writing.

- Length of Course: Year
- Course Grade Level: 9-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area E)
- Recommendations: College Prep
- Special Notes: Meets Fine Arts requirement
- Homework: Approximately 1-3 hours per week

Spanish 2: The purpose of the course is to enable the student to communicate in a language other than English (which may be the student's primary language), to acquire knowledge of another culture, and to develop the ability to interact positively with members of that culture.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area E)
- Prerequisite: Pass Spanish 1 with a "C" or better
- Recommendations: College Prep
- Homework: Approximately 3-5 hours per week

Spanish 3: A continuation of the first two years of Spanish. This course will introduce many new verb tenses and grammar structures and refine the basic structures already studied. This course will introduce students to some of the Spanish authors and their works.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area E)
- Prerequisite: Pass Spanish 2 with a "C" or better

- Recommendations: College Prep
- Homework: Approximately 3-5 hours per week

MATHEMATICS PROGRAM

Integrated Math I: The fundamental purpose of Integrated Math I is to formalize and extend the mathematics that students learned in the middle grades. The critical areas deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Integrated Math I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The course ties together the algebraic and geometric ideas studied. The CCSS Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

- Length of Course: Year
- Course Grade Level: 9
- Course Credit: 10
- Requirement: Yes
- UC (a-g): Yes (Area C)
- Prerequisite:
- Homework: Approximately 1-4 hours per week

Integrated Math II: The focus of Integrated Mathematics II is on quadratic expressions, equations, and functions. Students will compare the characteristics and behavior of quadratic relationship to those of linear and exponential relationships from Integrated Mathematics I. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions in real-world situations. The study of similarity of geometric figures leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations, round out the course. The CCSS Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

- Length of Course: Year
- Course Grade Level: 10
- Course Credit: 10
- Requirement: Yes
- UC (a-g): Yes (Area C)
- Prerequisite:
- Recommendations:
- Special Notes: Students who do not successfully pass Integrated I must still enroll in Integrated II during their tenth grade year.
- Homework: Approximately 1-4 hours per week

Integrated Math III: The focus of Integrated Mathematics III pulls together and applies the accumulation of learning that they have from their previous courses. Content is grouped into four critical areas and organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include

polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. The CCSS Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations

- Length of Course: Year
- Course Grade Level: 11
- Course Credit: 10
- Elective: Yes
- UC (a-g) Course: Yes (Area C)
- Prerequisite:
- Special Notes: Students who do not successfully pass Integrated Math II must still enroll in Integrated Math III during their 11th grade year.
- Homework: Approximately 1-4 hours per week

Survey of Math: This course is a math review designed specifically for high school seniors who need a third year of math to graduate. Students will review Algebra 1 topics, problem-solving strategies, and probability/statistics. An introduction to geometry is included in this course, as well as consumer math. This course will help prepare students for introductory mathematics courses at the college level.

- Length of Course: Year
- Course Grade Level: 12
- Course Credit: 10
- Requirement: Yes
- Elective: No
- UC (a-g) Course: No
- Special Notes: Meets 3rd year Math requirement for Seniors
- Homework: 1-5 hours per week

Butte Math 18 - Intro to Statistics: This course introduces modern methods of descriptive and inferential statistics. The topics include descriptive statistics, probability, probability distributions, the Central limit theorem, confidence intervals, hypothesis testing, linear regression, and correlation. Illustrations are taken from the fields of business, economics, education, biology, and psychology. A graphing calculator is required (to include statistics functions).

- Length of Course: Semester
- Course Grade Level: 12
- Course Credit: 10 HS or 3 College
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area C)
- Prerequisite: Placement test
- Recommendations: College Prep Honors
- Special Notes: Transfer credit to Butte, CSU, UC, if not used for high school credit
- Homework: 1-3 hours per each hour of class

PHYSICAL EDUCATION PROGRAM

PE 1: Foundations of Physical Education: This course is required for all freshmen. This course will focus on developing proficient movement skills in the areas of aquatics, individual & dual activities and will have a heavy focus on independent personal fitness. This course will include both physical and written assignments and assessments.

- Length of Course: Year
- Course Grade Level: 9
- Course Credit: 10
- Requirement: Yes
- UC (a-g) Course: No
- Recommendations: Students should be in good health
- Homework: Yes

PE 2: Lifelong Fitness: This course is a varied program consisting of Individual physical fitness, individual and dual sports and recreational activities. This course will provide students the opportunity to better understand the human body, by exploring basic human anatomy, physiology, biomechanics, exercise science, and most importantly; how to be lifelong movers. Students will participate in lessons that are designed to engage them and that are crafted with kinesthetic, cognitive, and affective learning objectives.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: Yes
- Elective: No
- UC (a-g) Course: No
- Prerequisite: Pass one year of PE 1
- Recommendations: Students should be in good health
- Homework: Yes
- Special Notes:

PE 3: Strength & Conditioning: Students will learn about sports/athletics fitness and conditioning. They will learn to create a sports specific fitness and conditioning program. Students will be expected to strive for excellent physical condition. They will work out in many different disciplines including cross fit, weight training, running, plyometric, jump rope, agility training, speed training, strength training, and endurance training. This course will provide students the opportunity to better understand the human body, by exploring basic human anatomy, physiology, biomechanics, exercise science, and most importantly; how to be lifelong movers.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: No
- UC (a-g) Course: No
- Prerequisite: Pass P.E. 9
- Recommendations: Students should be in good health
- Special Notes: Teacher approval needed
- Homework: Yes

PE 4: Advanced Strength & Conditioning

Students will continue to learn about sports/athletics fitness and conditioning, more specifically programming and nutrition. Students will be expected to get into and maintain excellent physical condition. They will continue to work out in many different disciplines including cross fit, weight training, running, plyometrics, jump rope, agility training, speed training, strength training, and endurance training.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- UC (a-g) Course: No
- Prerequisite: Pass Foundations of Physical Education PE 1 and pass one year of Weight Training
- Recommendations: Students should be in good health
- Special Notes: Teacher approval needed
- Homework: Yes

SCIENCE PROGRAM

Ag Earth Science: This physical science college laboratory course is designed to provide students with quantitative analysis and experimental tools that will enable them to critically analyze content knowledge in the areas of geology, meteorology, oceanography, and astronomy. The classroom and course content matches the WHS Earth Science course content, however this course also qualifies students to participate in all local, state, and national FFA events/activities throughout the year as an official state and national FFA member.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: Yes (Unless Chemistry is taken instead)
- Elective: No
- UC (a-g) Course: Yes (Area D)
- Prerequisite: Ag Core and Ag Biology
- Recommendations:
- Special Notes:
- Homework: Approximately 1-3 hours per week

Ag Biology: This life science course emphasizes laboratory, “hands-on” learning and problem solving skills. Course content includes cells, energy, transformations, genetics, DNA, genetic engineering, evolution, human systems, and ecology. The classroom and course content matches the WHS Biology course content, however this course also qualifies students to participate in all local, state, and national FFA events/activities throughout the year as an official state and national FFA member.

- Length of Course: Year
- Course Grade Level: 9
- Course Credit: 10
- Requirement: Yes - Used as a Life Science requirement
- Elective: Yes
- UC (a-g) Course: Yes (Area D)

- Prerequisite: Ag Core 1
- Recommendations: General graduation requirement, College Prep
- Special Notes: Meets graduation requirement for Biology
- Homework: 1-3 hours per week

Biology: This course is designed to introduce the student to the concepts of modern biology and from these concepts to devise a planned procedure for the recognition of problems that are germane to an understanding of life as it pertains to man. This course will also include a study of biological concepts in animal and plant studies, human physiology, disease, and consumerism.

- Length of Course: Year
- Course Grade Level: 9-10
- Course Credit: 10
- Requirement: Yes
- Elective: No
- UC (a-g) Course: Yes (Area D)
- Special Notes: Extra credit project
- Homework: Approximately 1-3 hours per week

Chemistry: This course is intended for students who are planning on entering fields such as health, medicine, agricultural science, and related areas. It will also meet the Physical Science requirement for graduation and is required for admission to many college programs. The fundamental ideas of chemistry will be taught and numerous labs will be used to illustrate each topic. Emphasis will be on the basic principles and on good lab techniques and procedures. Examples of how chemistry is used in many different fields and professions will be used as a contact for each topic as it is introduced.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No (meets physical science requirement)
- Elective: Yes
- UC (a-g) Course: Yes (Area D)
- Prerequisite: Integrated Math I or concurrent enrollment
- Recommendations: College Prep
- Homework: Approximately 3 - 4 nights per week

Ag Chemistry: This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students will develop an Agriscience research program to be conducted throughout the first semester of the course. To complete that whole project each student will investigate and test an Agriscience research question by formulating a scientific question related to the course content, formulating a hypothesis based on related research, conducting an experiment to test the hypothesis, collecting quantitative data, and forming a conclusion based on analysis of the data. The result of this research program will be an in-depth research and experimentation paper that is technically written, based on scientific protocol, and cited using APA formatting. Additionally, students will develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course. This course also qualifies students to participate in all local, state, and national FFA events/activities throughout the year as an official state and national FFA member.

- Length of Course: Year

- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: No (meets physical science requirement)
- Elective: Yes
- UC (a-g) Course: Yes (Area D)
- Prerequisite: Ag Core, Ag Biology, Ag Earth Science, and/or equivalent
- Recommendations:
- Homework:

Physics: This is a Standards-based course in the basic principles of physics, including classical mechanics, light, sound, and other types of waves, electricity and magnetism, and orbital mechanics. This approach is activity-based and emphasizes the basic concepts of physics.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area D)
- Prerequisite: Integrated Math I or concurrent enrollment
- Recommendations: College Prep
- Homework: Approximately 3 - 4 nights per week

Anatomy: This course is an advanced study in the two most critical subdivisions of biology. This course is designed for the student who is interested in the study of the form or structure of the body parts, how these parts relate to one another and the function of the body's structural machinery and how the parts of the body work and carry out their life-sustaining activities.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Elective: Yes
- UC (a-g) Course: Yes (Area D)
- Prerequisite:
- Recommendations: College Prep
- Homework: Approximately 1-5 hours per week

SOCIAL SCIENCE PROGRAM

World History: Students in grade ten study major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of the two world wars. They trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. They extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives.

- Length of Course: Year

- Course Grade Level: 10
- Course Credit: 10
- Requirement: Yes
- Elective: No
- UC (a-g) Course: Yes (Area A)
- Prerequisite: None
- Recommendations:
- Homework: Approximately 2-3 hours per week

AP World History: Students in grade ten study major turning points that shaped the modern world, from the thirteenth century through the present, including the rise and fall of empires, causes and course of the two world wars and current globalization trends. They trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. They extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives. Students practice and utilize multiple skills of critical thinking and reasoning along with previously-taught sourcing techniques to draw their own conclusions and provide reasoning and historical evidence to support their own arguments and opinions.

- Length of Course: Year
- Course Grade Level: 10
- Course Credit: 10
- Requirement: Yes
- Elective: No
- UC (a-g) Course: Yes (Area A)
- Prerequisite: None
- Recommendations: Freshman English teacher recommendation required
- Homework: Approximately 4-5 hours per week

United States History: This course studies major turning points in American History. A brief review of colonialism and the building of U.S. democratic ideals will lead to the continued study of global industrialism from World History and the emergence of the U.S. industrial power. The study of corporate economy, the change of ethnic composition, new technology, equal rights for women and minorities, as well as the emergence of the U.S. as a world power will be explored. The expanded role of the federal government and courts and the continuing tension between the individual and state will be investigated. The causes of major social problems will be traced and students will learn the U.S. is a model for other nations, and rights and freedoms are to be preserved through educated citizenry and civil duty.

- Length of Course: Year
- Course Grade Level: 11
- Course Credit: 10
- Requirement: Yes
- UC (a-g) Course: Yes (Area A)
- Homework: Approximately 1-5 hours per week

AP US History: AP US History will cover content from European settlement of the land that would become the United States, to modern history and the War on Terror. The primary objective of this class is to prepare students to pass the AP US History Test in the spring. To meet this objective students

will be held responsible for a broad range of content knowledge that requires an extensive amount of outside reading. Students will be assessed using multiple choice tests, timed writing, and document analysis based questions to simulate the format of the actual AP test. This class gives students the opportunity to earn one extra grade point on their grade point average. Many, but not all, colleges accept a passing score on the AP test as the equivalent to passing a general education level history class; therefore, exempting the student from taking this required general education class at the college level. This class will also prepare students for the portion of the SAT II's US History Test.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: Yes (11th grade only)
- Elective: Yes (12th grade only)
- UC (a-g) Course: Yes (Area A)
- Prerequisite: Pass World History with a "B" or better and teacher recommendation
- Special Notes: AP Examination costs \$92 - some fees may be waived - see counselor
Course will be weighted. College credit available pending score on AP Exam
- Homework: Approximately 4-7 hours per week

American Government and Civics: In this course students apply knowledge gained in previous years of study to pursue a deeper understanding of the institutions of American government. In addition, they draw on their studies of American history and of other societies to compare different systems of government in the world today. This course should be viewed as the culmination of the civic literacy strand that prepares students to vote, to reflect on their responsibilities, and to participate in community activities.

- Length of Course: Semester
- Course Grade Level: 12
- Course Credit: 5
- Requirement: Yes
- Elective: No
- UC (a-g) Course: Yes (Area A)
- Special Notes:
- Homework: Approximately 1-5 hours per week

Economics: This course will cover fundamental economic concepts, microeconomic concepts, macroeconomic concepts and international economic concepts as they pertain to the current state standards. The student will deepen his/her understanding of economic problems and institutions, the economic environment in which they live and learn to make reasoned decisions on consumer economic issues.

- Length of Course: Semester
- Course Grade Level: 12
- Course Credit: 5
- Requirement: Yes
- UC (a-g) Course: Yes (Area G)
- Homework: Approximately 1-5 hours per week

VISUAL AND PERFORMING ARTS PROGRAM

Art 1 - Introduction to Art: Art 1 is a course in which the students deal with two-dimensional as well as three-dimensional art. Medians will consist of drawing, pen and ink, scratch board, temperas, watercolor, printmaking including silk screening, plaster and clay. Projects will be introduced in a basic manner and student ability is always considered. The school, community, and state will, on occasion, be the catalyst for some interesting projects. Other activities include field trips, art shows, and slide presentations featuring influential artists through history.

- Length of Course: Year
- Course Grade Level: 9-12
- Course Credit: 10
- Requirement: Meets Fine Art's requirement
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: None
- Special Notes:

Art 1B: This course provides the student the opportunity to build upon the skills and knowledge in Art 1, enjoying the benefits of the basic course. The student will rediscover a variety of art mediums such as pencil drawing, pen and ink, painting and design.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: C or better in Art 1
- Special Notes:

Art 2 - Advanced Art: This course is for the serious art connoisseur. This course enables the advance art student to pursue and perfect individual interest in art mediums introduced in Art 1. On occasion, other mediums and techniques are introduced such as pastels, chalks, and colored pencils. Throughout the year, influential artists, art movements, and cultures are introduced through slide presentations and library research.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area F)
- Prerequisite: Pass Art 1 and permission of the instructor
- Special Notes: Grade is based on student participation and portfolio presentation

Concert Band: Concert Band is a course designed for 9th-12th grade students who have had at least one year of experience playing an instrument. Admission to the course is by instructor approval. Music fundamentals, music notation, music theory, sight reading, music history, ear training, instrumental fundamentals, and technique (scales, arpeggios, etc.) are some of the topics that will be covered and reviewed. State and national curriculum standards will be covered throughout the year, as well. We will have many performances during the year throughout the

school, community, and North State. The Concert Band will also be a part of the Honker Marching Band.

- Length of Course: Year
- Course Grade Level: 9-12
- Course Credit: 10
- Requirement: Meets Visual Performing Arts requirement
- Elective: Yes
- UC (a-g) Course: Yes (Area F)
- Prerequisite: Completion of at least one year of playing a standard band instrument
- Special Notes: Performances outside of class/school day are mandatory. Instruments are available for check out.
- Homework: 3-5 Hours per week, which may include nights and/or weekends

Wind Ensemble: Wind Ensemble is a course designed for 10th-12th grade students who have had significant experience playing an instrument or have successfully completed Concert Band. Admission to the course is by audition only (instructor approval). Music fundamentals, music notation, music theory, sight reading, music history, ear training, instrumental fundamentals, and technique (scales, arpeggios, etc.) are some of the topics that will be covered and reviewed. State and national curriculum standards will be covered throughout the year, as well. We will have many performances during the year throughout the school, community, and North State. The Wind Ensemble will also be a part of the Honker Marching Band.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: Meets Visual Performing Arts requirement
- Elective: Yes
- UC (a-g) Course: Yes (Area F)
- Prerequisite: Advanced instrumental skills, by audition only (instructor approval)
- Special Notes: Performances outside of class/school day are mandatory. Instruments are available for check out.
- Homework: 3-5 Hours per week, which may include nights and/or weekends

Photography and Digital Design: This class is an introduction to concepts in digital photography and design. Digital manipulation using Adobe Photoshop is the basis for this course, with other products from the Adobe Suite supplementing the process of learning. Elements of art and principles of design will be incorporated into student projects. Students will learn about influential photographers and practice emulating their aesthetics through their own photography. Course work will emphasize student-created photographic art as well as analytical reading, writing, and critiques. Students will have the opportunity to print out their high-quality works for presentation.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area F)
- Prerequisite: Computer Apps
- Recommendations: Students are allowed to bring their own Nikon or Canon cameras
- Special Notes:
- Homework: Students will take photographs on a weekly basis for use on their in-class projects.

Yearbook: This course teaches the skills of reproduction of written or visual material. It is also the means of producing our yearbook, *The Tattler*. Students will learn concepts of design, photography, and copy writing skills, as well as business theory while working with an outside publisher to complete, and submit our book online. Students will find this class more like a job than other classes, it is very production and deadline oriented, since in truth it is a small business. A good digital camera is helpful, and computer skills are necessary.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Elective: Yes
- UC (a-g) Course: Yes (Area F)
- Prerequisite: None
- Recommendations: "B" or better in one or more of the following: previous year of English, Art 1 or 2.
- Special Notes: To be considered for a spot in yearbook, you must have permission from current yearbook instructor prior to the end of the previous school year.
- Homework: Approximately 1-3 hours per week. May require after school or weekend work to complete deadlines; Ad sales sometimes require leaving school during the class period.

Drama: This year long course will explore the fundamentals of speech, acting, stage performance, and theater production. Topics of study may include teamwork & community building, improvisation, stage movement, play & character analysis, scene work, monologues, skits, basic theater knowledge & vocabulary, play reviews, stage makeup, and performance. Students will participate in multiple public performances, including both small scale and larger scale productions. Some performances will be required, while others are optional. This class is ideal for any student who already enjoys performing and for those who wish to develop their confidence and comfort with public speaking.

- Length of Course: Year
- Course Grade Level: 9-12
- Course Credit: 10
- Requirement: Meets Visual Performing Arts requirement
- Elective: Yes
- UC (a-g) Course: No
- Special Notes: Additional time outside of school will be required of students who wish to participate in larger scale productions.
- Homework: Public performance, practice, & line memorization

VOCATIONAL EDUCATION PROGRAM

AGRICULTURE

Ag Core: Exploration in Agriculture is specifically designed for 9th grade students interested in being involved, exploring and developing skills in: California Agriculture, FFA / Leadership / Public Speaking /Record Keeping, Plant Science, and Animal Science. This course serves as the CTE introduction and foundation course towards advanced courses and pathways in the CTE , Agriscience sector. Content areas include "hands-on" application in speaking, writing, record keeping, horticulture, and animal science skills. This course also qualifies students to participate in all local, state, and national FFA events/activities throughout the year as an official state and national FFA member.

- Length of Course: Year
- Course Grade Level: 9/1st year Ag student
- Course Credit: 10
- Requirement: Required to be able to take additional advance Ag courses such as Welding & Woodshop.
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Special Notes: As required by the State of California, a portion of the student's grade is based on FFA participation. This will require some time spent outside of the classroom, and there are many options for different activities to choose from.
- Homework: Approximately 1-2 hours per week

Agriculture Welding Fabrication and Metal Crafts 1: This course is designed to give students specialized classroom work and experiences in Agriculture Metal Fabrication. This includes hands-on application and fabrication in proper shop safety, measurement, tool identification, sheet and cold metal, electrical, plumbing, concrete and masonry and introductions to Oxy-Acetylene and Shielded Metal Arc Welding. These applications and methods in mechanics lead into any future experiences in the advanced welding classes. Students will learn the basics of mechanic fundamentals and develop vocational talents.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: Meets Visual Performing Arts requirement
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: Ag Core 1
- Recommendations:
- Special Notes:
- Homework: Approximately 1-3 hours per week

Agriculture Welding Fabrication and Metal Crafts 2: This course is designed to give students specialized shop work and experiences in Agricultural Welding and Fabrication. This includes welding and shop safety, measurement, shop math, proper techniques in Oxy-Fuel welding, brazing, heating, and cutting, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Core Arc Welding (FCAW), beginning Tungsten Metal Arc Welding (TMAW), and Plasma Arc Cutting. Students will learn proper welding, joint design and out of position welding. This course allows students the opportunity to gain experience in welding, receive certification in welding and small project design and fabrication. In addition, students will understand small and compact engines

by identifying the parts and tools used, along with disassembling, troubleshooting, inspecting and reassembling the two and four stroke engines. Students are capable of receiving units from Butte College Welding 20 by passing this course.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: Pass Ag Welding 1
- Recommendations:
- Special Notes:
- Homework: Approximately 1-3 hours per week

Agriculture Welding Fabrication and Metal Crafts 3: This course is designed to give students specialized shop work and experiences in Agricultural Welding and Fabrication. This includes welding and shop safety, measurement, shop math, advanced Oxy-Fuel, Shielded Metal Arc Welding, Gas Metal Arc Welding, Flux Core Arc Welding, Tungsten Metal Arc Welding, Plasma Arc Cutting, large project design and fabrication, introduction to bill of materials, introduction to 3-view drawing, introduction to building a resume, letter of application, work samples, and building a personal portfolio. This course allows students the opportunity to gain experience in welding, and receive a welding certification. Students are capable of receiving units from Butte College Welding 20 by passing this course.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area F)
- Prerequisite: Pass Ag Welding 2
- Recommendations:
- Special Notes:
- Homework: Approximately 1-3 hours per week

Ag Issues & Communications: This yearlong course is designed to engage students in experiential activities which further their personal development and premier leadership skills. The curriculum consists of integrated performance activities that will assist in the development of critical thinking, extemporaneous speaking, conflict resolution, consensus-building and group communication abilities. Written and oral skill development will be emphasized through individual and collaborative projects. Students will also be required to participate in FFA activities outside of class time. The classroom and course content matches the WHS Earth Science course content, however this course also qualifies students to participate in all local, state, and national FFA events/activities throughout the year as an official state and national FFA member.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: Ag Core, Ag Biology, Ag Earth Science, and/or equivalent

- Recommendations: College prep, general education, vocational education
- Special Notes: Instructor Signature Required
- Homework: Course will require 1-5 hrs. of homework or additional activities per week

Plant & Soil Science: Plant science is designed to give students skills in the areas of nursery management, landscaping, soil science, plant reproduction, plant physiology, and plant identification. Class activities will include greenhouse production in the fall and spring. Leadership development, business management, and employability skills will be included. The classroom and course content matches the WHS Earth Science course content, however this course also qualifies students to participate in all local, state, and national FFA events/activities throughout the year as an official state and national FFA member.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Prerequisite: Ag Core and Ag Biology
- Recommendations:
- Special Notes:
- Homework:

Animal Science: This course provides information, activities, and skills in the areas of scientific method, classification systems, mammalian production, production management, health care, anatomy, physiology, nutrition, and genetics. The course will be an in-depth study of beef cattle, dairy cattle, sheep, swine, goats, and horses. The areas covered will be reinforced by hands-on experience through student projects. The classroom and course content matches the WHS Earth Science course content, however this course also qualifies students to participate in all local, state, and national FFA events/activities throughout the year as an official state and national FFA member.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Prerequisite: Ag Core and Ag Biology
- Special Notes:
- Homework: 1-5 hours per week, some activities may occur outside of scheduled school time

Ag Farm Operations: The course content includes the care and management of animals kept at the school farm including breeding, feeding, weighing and marketing. The course also includes the maintenance of buildings, fences and equipment. The operation and maintenance of farm tractors and equipment are covered. The classroom and course content matches the WHS Earth Science course content, however this course also qualifies students to participate in all local, state, and national FFA events/activities throughout the year as an official state and national FFA member.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No

- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: Ag Core, Ag Mechanics, Ag Elective
- Special Notes: Instructor signature required
- Homework: Only if the students need to finish a project or develop an understanding of new equipment.

BUSINESS/COMPUTER

Computer Applications: This course introduces students to a variety of software programs from both the Google and Microsoft platforms. Students will gain skills and practice using Google Docs, Slides, and Sheets, and Microsoft Word, Excel and PowerPoint. Through online modules and project based activities, students will develop the knowledge to effectively use these programs in academic, business, and personal settings. Additionally, students will be exposed to the basics of computer science, cyber security/online safety, and coding.

- Length of Course: Semester
- Course Grade Level: 9 -12
- Course Credit: 5
- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite:
- Special Notes: This course is an open entry-open exit course. This course will be paired with Driver's Ed for 9th grade students.
- Homework: Minimum 1-3 hours per week

Computer Science Discoveries: This full-year course takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, user interface design, and data. Students are empowered to create authentic artifacts and engage with CS as a medium for creativity, communication, problem solving, and fun. By the end of the course, students will have used the software development process and fundamental programming constructs to design apps, create web pages, develop games, use data to solve problems, and program interactions with the physical world through a variety of sensors and hardware. Throughout the course, students are encouraged to reflect on what they have learned about computer science and how it affects their world through journal prompts, classroom presentations, and written descriptions of digital and physical artifacts that they create.

- Length of Course: Year
- Course Grade Level: 10 -12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area D)
- Prerequisite: None
- Homework: When Necessary

AP Computer Science Principles: This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. The AP Program designed AP Computer Science Principles with the goal of creating leaders in computer science fields and attracting and engaging those who are traditionally under represented with essential computing tools and multi-disciplinary opportunities.

- Length of Course: Year
- Course Grade Level: 11 -12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area D)
- Prerequisite: Computer Science Discoveries
- Special Notes: Recommend Integrated Math I
- Homework: When necessary

CONSUMER AND FAMILY STUDIES

Life Management: Food: This Family and Consumer Sciences course equips students with life management skills through instruction and leadership development activities, as well as acquiring practical skills, which are needed for applications in everyday life situations. It provides students with the opportunity to gain life management skills through leadership and career development (F.C.C.L.A) activities and through instruction in the seven content areas of child development and guidance: consumer education, family and human development, fashion, textiles and apparel, food and nutrition, housing and furnishings, and individual and family health.

- Length of Course: Year
- Course Grade Level: 9-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Prerequisite: None
- Recommendations:
- Special Notes: Students will be responsible for furnishing some of their own materials. Students can join F.C.C.L.A.- a Nationally Affiliated Chapter, and participate in weekend and after school trips, scholarship opportunities and competitions by paying yearly membership dues. Students can earn an Industry certificate by passing the EFoodhandler exam.
- Homework: Approximately 1-2 hours per week

Life Management: Child: This Family and Consumer Sciences course equips students with life management skills through instruction and leadership development activities as well as acquiring practical skills, which are needed for applications in everyday life situations. It provides students with the opportunity to gain life management skills through leadership and career development (F.C.C.L.A) activities and through instruction in the seven content areas of child development and guidance: consumer education, family and human development, fashion, textiles and apparel, food and nutrition, housing and furnishings, and individual and family health.

- Length of Course: Year
- Course Grade Level: 9-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Prerequisite: None
- Recommendations:
- Special Notes: Students will be responsible for furnishing some of their own materials. Students

can join F.C.C.L.A.- a Nationally Affiliated Chapter, and participate in weekend and after school trips, scholarship opportunities and competitions by paying yearly membership dues. Students can earn an Industry certificate by passing the EFoodhandler exam.

- Homework: Approximately 1-2 hours per week

Culinary Arts 1: This course addresses the Consumer and Family Studies specialized content area of foods and nutrition. It will expand the student's knowledge; skills and attitudes learned in the Life Management foundation course. Culinary Arts 1 will cover an in-depth study of food safety/sanitation, principles of science as related to food preparation and nutrition, food purchasing, food and culture, and will offer the student an understanding of careers related to food service & hospitality, food science, dietetics and nutrition.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Prerequisite: Life Management
- Special Notes:
- Homework: Approximately 1-2 hours per week

Culinary Art 2: This Family and Consumer Sciences Education career pathway course provides students the ability to study all aspects of the Food Service and Hospitality industry. Topics include sanitation and food handling; safety and emergency procedures; tools, utensils, appliances and equipment; nutrition; food and beverage production; costing and cost analysis; preparation and service; customer service and guest relations; and teamwork and leadership. This course is designed to be the capstone course in the three-sequence taught at Willows High School. Students can gain food service industry experience by job shadowing at the WHS and local hospital cafeterias.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Prerequisite: Life Management and Culinary Arts 1
- Recommendations: Students should have a strong interest in working in a foods/nutrition career
- Special Notes: Student will be responsible for providing some of their own materials
- Homework: Approximately 1-2 hours a week

Child Development 1: This course addresses the specialized content area of child development and guidance. It will expand the knowledge, skills, and attitudes learned in the comprehensive core curriculum, while enabling the student to gain depth in the study of child development. The content of this course covers theories that will prepare students to understand the physical, intellectual, emotional, social and moral development and growth of the child from conception to adolescence, as well as their care and guidance. Through classroom instruction, combined with supervised observation and actual experiences, the skills and knowledge taught in this course will enable students to understand creativity, play, health, safety, learning experiences, needs of the special child, and how development and growth are influenced by today's society, environment and heredity. Assigned projects will include the creation and presentation of age appropriate activities for children in the areas of nutrition, storytelling and play. The Real Care Baby simulation will also be assigned. Students may earn Butte College credit by passing this course and the exam.

- Length of Course: Year
- Course Grade Level: 9-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Prerequisite: Life Management
- Recommendations: Recommended for students who are planning a career in areas dealing with young children, such as teaching, counseling, social work, nursing, child psychology and recreation.
- Special Notes: Student should have a strong interest in working with children.
- Homework: 2-3 hours per week

Child Development 2: Child Development II focuses on preparing students to work with children or to enter the teaching profession as a part of the career pathway standards. It will expand the knowledge, skills and attitudes taught in the specialized content area of child development. It will offer practical experience working with children in various child care and educational capacities. Community classroom environments will include private and public preschools and Willows Unified School District Kindergarten and primary classrooms, where students will be placed for a one to two block period, two to three days a week. Students will be responsible for weekly written and applicable assignments, projects, attending field trips, and tests on an independent study basis.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10-20 (1 to 2 period block)
- Requirement: C (75%) or above in Child Development 1
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Prerequisite: Child Development 1
- Special Notes: 90% positive attendance is mandatory. Students must have a strong interest in working with children. A valid CA driver's license is recommended.
- Homework: Approximately 5 hours a week, project completion.

INDUSTRIAL ARTS EDUCATION

Ag Wood Tech 1: This course offers instruction and experience in woodworking. This course includes basic application of hand tools, woods, and power equipment with group and individual construction of projects. Even if you do not plan on a career working with woods, this course will provide you with the skills necessary to perform various tasks around your home. The second semester will introduce students to manufacturing concepts.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10-20 (1 to 2 period block)
- Requirement: Meets Visual Performing Arts requirement
- Elective: Yes
- UC (a-g) Course: Yes (Area F)
- Prerequisite: None
- Special Notes: Cost of materials for this course depends upon the projects being constructed

Ag Wood Tech 2: This is an advanced course to further develop the use of modern design construction and materials through the use of power machinery. Instruction will include the use of jigs, fixtures and other devices to speed production. Cost of materials for this course depends upon the types of projects being constructed.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10-20 (1 to 2 period block)
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area F)
- Prerequisite: ROP Ag Wood Tech 1
- Special Notes: This course will place greater emphasis on the cabinet construction area. Experiences in the use of faster methods of construction and finishing

Ag Mechanics: The Agricultural Mechanics Pathway prepares students for careers related to the construction, operation, and maintenance of equipment used by the agriculture industry. Topics include technology, physical science principles, construction, mechanics, and welding. Students will also be introduced to surveying principles, electrical wiring, hydraulic technology, farm power, and equipment operation. Over the course of next two semesters students enrolled in this class will be taught the following skills, as these standards are the basis of the class: safety, woodworking, electrical systems, plumbing skills, cold metalwork, concrete and masonry, oxy-fuel cutting and welding, electric arc welding processes, metal fabrication and engineering, small and compact engine technology, ag power and technology, ag construction and structures, and record books.

- Length of Course: Year
- Course Grade Level: 9-10
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: Completion of Ag Core 1/concurrent enrollment in Ag Core 1
- Special Notes:
- Homework:

Auto Technology/Small Engine: This course provides the student an opportunity to learn the function and service of all the major parts of the automobile including brakes, chassis, power trains, and skills in the proper maintenance and repair of the various components of the automobile. Second semester will include theory and hands-on learning of a small engine.

- Length of Course: Year
- Course Grade Level: 9-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Prerequisite: None
- Special Notes: Will need a shop coat or coveralls
- Homework: Reading assignments from text and classroom assignments

Automotive Mechanics 2/3: This is a course designed to develop a student's vocational skills and future interest in the automotive service trade and related areas through hands-on career training. This course will include service and repair procedures of various components of the automobile. Emphasis

will be placed on brakes, electrical, cooling systems as well as the engine and its components. Students will learn to use modern diagnostic tools in analyzing and repairing motor vehicles.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10-20
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Special Notes: Will need a shop coat or coveralls/Must be 16 years old, Lab fee - \$20
- Homework:

NON-DEPARTMENTAL PROGRAMS

Health: This course examines contemporary health and social issues in American society, looks into such issues as the American Family Unit, the concept of role models in society, social pressure to conform verses personal desire to pursue individuality, and the power of the media. Also included are units dealing with a healthy personality, emotions, stress, tobacco, alcohol and drug education, teenage pregnancy, and socially transmitted diseases (STD), lifelong fitness, nutrition and planning a diet. Associated materials such as excerpts from various books/texts, guest speakers, and feature films will be used.

- Length of Course: Semester
- Course Grade Level: 10
- Course Credit: 5
- Requirement: Yes
- Elective: No
- UC (a-g) Course: No
- Prerequisite:
- Homework: 1-3 hours per each hour of class

Career Education: Using the Get Focused, Stay Focused curriculum, this classroom-based, guidance experience teaches students a quantifiable decision-making process that will help them develop and plan for a future that is productive, achievable, and stimulating. Through career exploration, understanding the correlation between education, income, and job satisfaction, and various personal assessments of their interests, skills, and values, students will come away with a 10-year career and education plan. Additionally, students will learn the skills of budgeting, goal setting, decision-making, online research, resume writing, filling out job applications, securing entry-level employment, and beginning their Portfolio.

- Length of Course: Semester
- Course Grade Level: 9
- Course Credit: 5
- Requirement: Yes
- Elective: No
- UC (a-g) Course: Yes (Area G)
- Prerequisite: None
- Recommendations:
- Special Notes:
- Homework: Approximately 1-3 hours per week

Driver's Education: The goal of this course of study is to teach safe and correct and lifelong driver habits. Regulations in the California Vehicle Code as well as D.M.V. Handbook will be learned. Successful completion of the class will depend on the student's desire to learn and achieve a grade of a "C" or better. Students must also be present for 50 hours of class work for successful classroom completion.

- Length of Course: Semester
- Course Grade Level: 9-12
- Course Credit: 5
- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Recommendations:
- Special Notes: Students will be scheduled for this course via birth dates
- Homework: Approximately 1-3-hours per week

Office Aide: This course is designed to provide student assistance to the secretaries in the administrative offices. The course is offered to provide the student with valuable learning and work experience. The qualities of punctuality, honesty and positive interaction with the public will be emphasized. The need of confidentiality and the development of a cheerful, cooperative, helping attitude will be covered. Students so assigned will do filing, assist in attendance data gathering, greet and assist visitors, perform messenger service and such other tasks as may be directed.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: Must have Principal/Secretary's signature

Counseling Aide: This course is designed to provide student assistance to the secretary/counselors in the counseling office. The course is offered to provide the student with valuable learning and work experience. The qualities of punctuality, honesty and positive interaction with the public will be emphasized. The need of confidentiality and the development of a cheerful, cooperative, helping attitude will be covered. Students so assigned will do filing, computer input, greet and assist visitors, perform messenger service and such other tasks as may be directed.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: Must have Counselor/Secretary's signature

Library Aide: A variety of learning experience will be provided for the library assistant. Examples would include: 1) learning library procedures such as processing, cataloging, and circulating library books/ textbooks. 2) Filing and creating displays. 3) Working with computers, computer programs, the internet, the copy machine, and answering the phone.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10

- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: Must have Library Clerk/Principal's signature
- Special Notes: Students should have a love of books, be able to work independently, be self-motivated, be accurate and detail oriented, have an interest in helping others, be trustworthy and responsible, and have excellent behavior and attendance.

WHS Teacher's Aide: This course is designed to assist in relieving the teacher of some of their daily clerical time-consuming tasks. The attributes of punctuality, dependability, correctness, and thoroughness in work will be emphasized.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: Must have Teacher's signature

Consumer Lab Tech: This course is designed to assist the teacher in the following tasks: filing, record keeping, bulletin boards, setting up foods labs and design labs, inventory of supplies and equipment, preparing market orders, grocery shopping, preparation of foods, and laundry. With the successful completion of the variety of tasks, the student will experience and learn leadership skills, organizational skills, time management, dependability and responsibility.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: Teacher's approval
- Special Notes: Need to have a valid CA driver's license
- Homework:

Auto Lab Tech: This course is designed to assist the teacher with tracking the inventory and supplies of the auto shop. With the successful completion of the variety of tasks, the student will experience and learn leadership skills, organizational skills, time management, dependability, and responsibility.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: Auto Mechanics 1 and teacher's approval
- Special Notes:
- Homework:

Administration of Criminal Justice: This course is designed to basically introduce the Administration of Justice system in America. Emphasis will be placed on the history and philosophy of criminal justice agencies, criminal law, vehicle code, code of ethics, as well as the study of crime,

punishment, and professionalism. Students will learn about many criminal justice related careers, along with necessary educations, skills and requirements to obtain employment. Students with a juvenile criminal history must notify the instructor.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite: Must be 16 yrs or older unless a waiver has been approved by the instructor
- Homework:

Medical Careers: This class uses HASPI (Health and Science Pipeline Initiative) Curriculum to explore careers in Health Sciences. This class should be taken after, or at the same time as Anatomy and Physiology. Students in this class will be studying the training required for a variety of careers in health. Students will also be given job shadow experience with a variety of local community health services.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Recommendations: Previously or currently taking Anatomy and Physiology
- Homework:

Medical Terminology: This career themed education course explores the specialized language used within the healthcare field to enhance the student's ability to successfully secure employment or pursue advanced education in health care. The course focuses on combining prefixes, word roots, and suffixes to build medical vocabulary while placing an emphasis on pronunciation, spelling, and definition of medical terms in relation to basic human anatomy.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Prerequisite: Biology
- Homework:

Distant Learning: The Distant Learning (DL) class is for 10th-12th grade students that are short credits towards graduation. Students will have to have their current transcript evaluated by the counselors to see if they qualify for this program. Seat space is limited and seniors will be given first priority.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: Depends on motivation
- Requirement: No
- Elective: Yes

- UC (a-g) Course: No
- Special Notes: Must have signature of counselor
- Homework:

Psychology: This course focuses on individual behavior and why an individual thinks, feels, and reacts to certain experiences. Major emphasis will be placed on stages in childhood and adolescence, how the brain works, altered states of consciousness, psychological testing, and psychological disorders.

- Length of Course: Year
- Course Grade Level: 10-12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Special Notes:
- Homework: 1-2 hours per week

AP Psychology: This course introduces the student to the systematic and scientific study of human behavior. Students will explore theory, key concepts and situations associated with human behaviors. Topics will include biological influences on behavior, sensation and perception, learning and cognition, motivation and emotion, personality, developmental psychology, testing and individual differences, treatment of abnormal behavior, the ethical responsibilities within the field and social psychology. During the course students will utilize psychological research methods, the scientific method, and evaluate claims and evidence. Emphasis will be placed on preparation for the Advanced Placement Exam in Psychology.

- Length of Course: Year
- Course Grade Level: 11-12
- Course Credit: 10
- Requirement: Meets college prep elective
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Special Notes:
- Homework: 1-2 hours per week

Study Skills: Study Skills is a class to use time management and organizational skills to prepare for the rigors of college and to learn life skills that will continue throughout a career. Students will work on individual assignments given to them in other classes with the opportunity to ask questions and clarify information in a safe environment. Students will have ample time to read, do research, or work on some of their homework/assignments. The class will also be structured to address study habits and organizational skills.

- Length of Course: Year
- Course Grade Level: 9-10
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: No
- Prerequisite:
- Homework:

Sports Medicine: This course is designed to help students develop a general awareness of health careers and specific preparation for physical therapy and sports medicine occupations. Classroom instruction covers such topics as: medical terminology, human anatomy, emergency procedures, soft tissue and bone injuries, causes, symptoms and management of injuries, nutrition, physical fitness, and career opportunities. In addition to this ongoing classroom instruction, students will rotate through on-the-job training experiences with local physical therapists, chiropractors, athletic trainers, physical education instructors and recreational facility managers. Throughout this course, the students' core academic skills and ability to deal with people will be stressed.

- Length of Course: Year
- Course Grade Level: 11 -12
- Course Credit: 10
- Requirement: No
- Elective: Yes
- UC (a-g) Course: Yes (Area G)
- Prerequisite:
- Special Notes:
- Homework

SPECIAL EDUCATION PROGRAM

Severe Regional Program: This program is designed to provide an appropriate educational environment for the student with special needs who is not able to function in the regular classroom and who meets the eligibility requirements for a Special Day Class program. Basic academic subjects and vocational skills are taught on an individually prescribed basis. Classroom curriculum classes are based upon the core curriculum and its guidelines for special education and the Individual Critical Skills Model.

- Length of Course: Year
- Course Grade Level: 9-12
- Course Credit: 10 credit per Subject Period
- Requirement: IEP
- Elective: No
- UC (a-g) Course: No
- Prerequisite: Special Ed placement
- Homework: Approximately 1-3 hours per week

Mild/Moderate Resource Program: This program is designed to provide an appropriate educational environment for the student with special needs, individualized instruction, and who meet the eligibility requirements for special education. Basic academic subjects are taught on an individually prescribed basis.

- Length of Course: Year
- Course Grade Level: 9-12
- Course Credit: 10 credit per Subject Period
- Requirement: IEP
- Elective: No
- UC (a-g) Course: No
- Prerequisite: Special Ed placement
- Homework: Approximately 1-3 hours per week