PATHWAYS TO SUCCESS



2020-2021 Willcox High School COURSE DESCRIPTIONS



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WHS Mission Statement:

"Educate and prepare ALL students for a successful future."

Table of Contents

High School Graduation Requirements	2-3
Course Requirements	2
Arizona's Measurement of Educational Readiness to Inform (AzM2)	2
Curriculum Process to Meet Cognia Priority	2 3
Example of 4-year course plans or pathways	3
Scheduling	4
Schedule Changes	4
Grading Scale	4
Weighted Grades	4
Criteria for Admissions to Weighted Course	4
Classes	4
Other Academic Information	5
Student Grade Level Determination	5 5
Non-WHS Credit	5
Credit Recovery	5
Additional Educational Services	
Joint Technical Education District (JTED)	5 5
Special Education	5
Sheltered English Immersion (SEI)	5
WHS Courses	6-33
English	6-10
Mathematics	11-14
Science	15-17
Social Studies	18-19
Physical Education/Health	20
Career and Technical Education (CTE)	21-29
Fine Arts	30-31
General Electives	32-33
Self-Assessment	34
Annual Public Notification of Nondiscrimination	35

High School Graduation Requirements

Course Requirements:

English	4 Credits
Mathematics (Algebra I, Geometry, Algebra II, 4 th year must be a class for which Algebra II is a prerequisite.)	4 Credits
Science (Earth Space Science, Biology, and Chemistry)	3 Credits
World History	1 Credit
US History	1 Credit
US/AZ Government	0.5 Credit
Economics	0.5 Credit
Physical Education / Health	1 Credit
Fine Arts	1 Credit
Career and Technical Education	3 Credit
Electives	5 Credits
Total Credits	24 Credits

Arizona's Measurement of Educational Readiness to Inform Teaching (AzM2)

In 2020, the Arizona State Board of Education adopted a new statewide achievement test, AZ Merit 2 (AzM2), in replacement of AzMERIT. Arizona is partnering with the American Institutes for Research (AIR) to develop tests which are unique to Arizona.

All sophomore students (10th Grade) will take the AzM2 for English and mathematics, which will test their proficiency in these subjects. Eligible students with significant cognitive disabilities will participate in alternate achievement tests.

AzM2 will be computer-based. For schools that are not yet ready to administer a computer-based assessment, a paper-based version will be available.

From - http://www.azed.gov/assessment/azmerit/

Curriculum Process to Meet Cognia Priority

Develop and implement a formalized process to evaluate and adjust curriculum, instruction, and assessment through the use of multiple data sources (3.2)

Willcox High School provides a comprehensive set of high school classes that give students a strong foundation in their pursuit of education. Willcox High School's curriculum is developed internally by an entire team of highly qualified and fully certified instructors. The high school curriculum correlates to the state standards and is organized into courses that cover the subjects of Language Arts, Math, Social Studies, Science, Spanish, Physical Education/Health, Fine Arts, CTE, Online Recovery, and General Electives.

We pair our curriculum with textbooks from:

Pearson, AGS Publishing, Larson Edwards, and Holt, Rinehart and Winston

The purpose of the **curriculum guide** is to inform and assist students throughout their four years at Willcox High School. Inside the curriculum guide students will find course requirements, descriptions of the different electives, course sequences for each department, and descriptions for each course.

Example of 4-year course plan or pathways: STEM Career Concentration (Science, Technology, Engineering, Mathematics)

<u>Subject</u>	<u>Freshmen</u>	<u>Sophomore</u>	<u>Junior</u>	<u>Senior</u>
Mathematics	Algebra I	Geometry	Algebra II	Pre-Calculus
<u>mainemaites</u>	Geometry	Algebra II	Pre-Calculus	Calculus
<u>English</u>	English I	English II	English III	English IV
<u>Science</u>	Earth Space Science	Biology	Chemistry	College Biology or Advanced Chemistry
<u>Social Studies</u>		World History	US History	Government/ Economics

Scheduling

Schedule Changes

Once students are placed into classes, schedule changes will be considered only for the following reasons:

- Student already has credit for the course
- Student has not completed a required prerequisite
- An error by the school has placed a student in the wrong class

No schedule changes will be allowed after *June* 1^{st} . Students will not be allowed to change their schedule due to teacher or lunch preferences or because their grade is lower than desired.

Grading Scale

The following grade scale is used to determine grade point average at Willcox High School:

A = 4 points; B = 3 points; C = 2 points; D = 1 point; F = 0 (no points).

Weighted Grades

A four-year weighted grading system on certain college preparatory classes began at Willcox High School in the 1990-91 school year. The calculation for weighted grades is .05 will be added to the student's GPA for each semester of a weighted class. The weighted classes offered are: Honors English 1, 2, 3, & 4; Pre-Calculus; Calculus and Advanced Chemistry. Weighted grades will encourage students to stay with the more difficult academic classes without the fear of lowering their G.P.A.

Criteria for Admissions to Weighted Courses

Students must meet the following conditions in order to be admitted to the weighted classes:

- An earned grade of A or B on prerequisite coursework
- A passing score on state standardized test
- Recommendation of the instructor

Each weighted class will be worth .05 points per semester, which will be added to the student's grade point average. Students will earn the weighted grade only if they earn a grade of B or higher in the class.

Classes

Advanced classes are a great way for students to challenge themselves with curriculum designed to be college level; Dual-Credit classes potentially earn college credit. Students enrolling in an honors course will NOT be allowed to drop that course due to additional course load. Before enrolling in any honors class, students should complete the Self-Assessment and discuss the results with their parent/guardian, teacher, and counselor.

Other Academic Information

Student Grade Level Determination

A students' grade level status is not based on the chronological process of age but is based upon the following placement criteria:

7.0 credits or less ------ 9th grade/freshman 14.0 credits or less ------ 10th grade/sophomore 21.0 credits or less ------ 11th grade/junior 28.0 credits or less ------ 12th grade/senior

Credit updates will occur at the end of each semester and before school begins to allow for summer school credits earned. Adjustments will not be made mid-semester. All students should monitor their credit status and complete all classwork/attend tutoring as needed to pass classes and stay on track for graduation.

Non-WHS Credit

Students must obtain prior approval from a WHS counselor and administrator to enroll in a non-WHS course to be used toward graduation requirements. Transcripts for transfer coursework must be received by the registrar by **May 1**st of **Senior Year**. The student **may not** be allowed to participate in commencement if a transcript is not received by May 1st.

Credit Recovery

If a student fails a class that is a graduation requirement, he/she must retake the course through a credit recovery option. These include:

Edgenuity Curriculum

• Summer School

Any student who needs to recover credit should talk to the counselor as soon as possible.

Additional Educational Services

Joint Technical Education District (JTED)

Students from Willcox High School are eligible to participate in programs through Cochise County JTED beginning their junior year. As the schedule of these programs does not allow for students to take a full course-load, students must be on track to graduate to participate in the program. JTED programs include: Home Health Aide, Certified Nursing Assistant, and Law Enforcement. Those interested in a JTED program, should talk to the counselor.

Special Education

Willcox High School special education includes special education core classes as well as inclusion in regular classes. WHS follows the Arizona Department of Education guidelines on the special education process. If parents have questions about the referral process for special education, they should contact the director of special education or the school counselor.

Sheltered English Immersion (SEI)

Students who do not score proficient on the Arizona English Language Learner Assessment (AZELLA) will be placed into SEI classes focusing on reading, grammar, writing, and conversation. Those students also will take two courses in the mainstream classroom. Students are eligible to test out of the English Language Development program two times per year.

Willcox High School Core Courses

KEY

This course has been approved by NCAA

ABOR = This course has been approved as a core course by the three public state universities.

ENGLISH

*Note: Failure to meet prerequisite requirements for honors classes will result in demotion to regular English classes.

English I Prerequisite: - Completion of 8 th grade Language Arts	Grade: 9 th Full Year ABOR	Students will read and understand a variety of literary selections and informational texts appropriate to grade level and ability. Topics will include literary studies and analysis of universal themes and literary terms as well as analyzing reading selections from various genres. Students will write in response to texts to learn narrative, descriptive, persuasive and expository writing. Students will use technology to produce, publish and share their writing.
		*Successful completion of this course fulfills the freshman composition requirement.

Honors	English	I
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Prerequisite:

- Completion of 8th grade Language Arts w/grade of 85% or more
- Teacher Recommendation
- Scoring: Proficient or Highly Proficient on the AzM2 in ELA and other standardized assessments

Grade: 9th

Full Year

ABOR

NC44

Students will continue to develop reading and comprehension skills required for entry into advanced programs in English. Students will read and understand a variety of literary selections and informational texts appropriate to grade level and ability. Literary studies include universal themes and literary terms as well as using critical thinking skills to analyze reading selections from short stories, novels, drama, and non-fiction. Students will learn narrative, persuasive and expository writing skills. Composition skills are evaluated using the six traits elements and five paragraph essay format rubrics. In addition, students will learn to use technology to produce, publish and share writing projects.

*This course fulfills freshman composition requirement upon completion of the entire year.

English II Prerequisite: - Completion of English I	Grade: 10 th Full Year ABOR	Students will read and understand a variety of literary selections and informational texts appropriate to grade level and ability. Topics will include the universal themes in world literature with an emphasis on critical reading and writing skills. Students will focus on all elements of the writing process to include drafting, editing, revising and incorporating evidence into their writing. Writing both expository and persuasive texts in response to reading selections will be emphasized. Students will use technology to produce, publish and share their writing. *Successful completion of this course fulfills the sophomore composition requirement.

Prerequisite:

- Completion of Honors English I w/grade of 85% or more
- Teacher Recommendation
- Scoring: Proficient or Highly Proficient on the AzM2 in ELA and other standardized assessments

Grade: 10th

Full Year

ABOR

NC44

Students will continue to develop the essay and language skills required for entry into advanced programs in English. World Literature is used as the basis for the reading and writing activities. Composition skills are emphasized using the 6-traits writing rubric as a basis for grading all student writing. Reading selections will represent authors and cultures from around the globe and will tie closely to the scope and sequence of World Studies. Acquisition of skills, such as outlining, drafting, revising, and proofreading, is emphasized.

*This course fulfills sophomore composition requirement upon completion of the entire year.

Grade: 11th Students will read and understand a variety of literary **English III** selections and informational texts appropriate to grade level and ability. Topics will include the ideas Prerequisite: Full Year reflected in American literature tracing the themes - Completion of English II and literary movements in America. The course emphasizes critical reading and writing strategies to address audience awareness, purpose, focus and ABOR organization. Students will engage in all elements of NC44 the writing process to include drafting, editing, revising and incorporating evidence into their writing. Writing both expository and persuasive texts in response to reading selections will be emphasized. Students will use technology to produce, publish and share their writing. *Successful completion of this course fulfills the

Honors English III

Prerequisite:

- Completion of Honors English II w/grade of 85% or more
- Teacher Recommendation
- Scoring: Proficient or Highly Proficient on the AzM2 in ELA and other standardized assessments

Grade: 11th

Full Year

ABOR

NC44

Students continue to develop the skills required for entry into advanced programs in English. American Literature and non-fiction are used as the basis for the reading and writing activities. The course examines American ideas as reflected in American Literature and traces the themes and literary movements in America. Students will also be required to write two research papers in APA format. All writing will be evaluated using the six traits writing rubric.

junior composition requirement.

*This course fulfills junior composition requirement upon completion of the entire year.

English IV Prerequisite: - Completion of English III	Grade: 12 th Full Year ABOR NCAA	Students will learn expository, research, and creative writing, focusing on development of higher-level vocabulary, literary analysis, and logical thinking. The course emphasizes critical reading and writing strategies to address audience awareness, purpose, focus and organization. Students will engage in all elements of the writing process to include drafting, editing, revising and incorporating evidence into their writing. Writing both expository and persuasive texts in response to reading selections will be emphasized. Students will use technology to produce, publish and share their writing. Texts studied will include poetry, short stories, novels and drama. *Successful completion of this course fulfills the senior composition requirement.
Honors English IV Prerequisite: - Completion of Honors English III w/grade of 85% or more - Teacher Recommendation - Scoring: Proficient or Highly Proficient on the AzM2 in ELA and other standardized assessments	Grade: 12 th Full Year ABOR	Students will explore the universal themes in literature and critically analyze the works of British authors. Advanced composition skills will be taught in conjunction with the literature studies and evaluated using the six traits writing rubric. Students will learn expository, research, and creative writing. This course will also focus on the development of vocabulary, literary analysis, and logical thinking *This course fulfills senior composition requirement upon completion of the entire year.
Fundamental English Prerequisite: - Teacher Recommendation	Grades: 9 th – 12 th Full Year ABOR	Students will work on their reading fluency, comprehension, and writing skills, and must use their critical thinking skills. An emphasis will be placed on public speaking, and students will have multiple opportunities to create presentations and present them in class. This helps the student build confidence and prepare them for their other classes. Instruction will be adapted to each student's individual strengths and needs.

English 101

Prerequisite:

- Must be a Senior
- Students must meet
 Cochise College admission
 Requirements.

Grade: 12th

Full Year

ABOR NC44

English 101 is a foundation course designed to introduce you to writing and interpreting texts at a college level. Class assignments will guide you in the process of critical thinking, understanding contexts, engaging with other learners, and reflection leading to informed action. During the semester, we will work towards compiling a body of work that will adequately explore topics of relevance to you that will foster your learning. Everything you write in this course will be geared towards this personal exploration.

For each unit, we will discuss what constitutes a text, and more specifically, we will learn to evaluate the rhetorical situation out of which the text arises. We will work with both written and visual texts, and in many cases, your life experiences will become rich texts worthy of college inquiry. This course will give you experience in all stages of the recursive writing process: invention, writing, critiquing, revising, editing, and proofreading. We will practice a variety of ways that will be most useful and rewarding to you throughout college and in your life. Classes will consist of reading, discussion, writing, and in-class workshops. Peer workshops will comprise much of our in-class learning.

** This course can be taken for college credit (Dual Credit)

English 102

Prerequisite:

- Passed English 101
- Students must meet Cochise College admission Requirements.

Grade: 12th

Full Year

ABOR

NC44

A continuation of ENG 101 with special emphasis on the techniques involved in writing argument, persuasion, and literary analysis. Students must have successfully completed ENG 101 in order to be eligible for admission.

** This course can be taken for college credit (Dual Credit)

MATHEMATICS

Algebra I Prerequisite: Passing Grade: - in 8 th grade Math	Grade: 9 th Full Year ABOR NCAA	This course is designed for students who have passed 8th grade math and have demonstrated an understanding of arithmetic operations. Algebra I reflects the Arizona learning standards at the high school level and is designed to give students the requisite skills for all future mathematics courses through real world problem solving. Students will explore writing, solving and graphing linear equations and inequalities, powers and exponents, quadratic equations, polynomials, factoring and statistics. The first unit in this curriculum is the basis of Algebra I and a review of learning in 8th grade curricula. Algebra I provides the logic and modeling skills necessary to solve real world situations and scenarios vital to success in our continually changing global society. Algebra I offers the foundation for success in future, higher-level math courses. Students will develop an understanding of and appreciation for using mathematics to analyze patterns and explain solutions to complex real world problems in precise and logical detail, using modern technology where appropriate. Knowledge: Students need a previous knowledge of adding, subtracting, multiplying, and dividing fractions decimals and signed numbers.
		fractions, decimals, and signed numbers.

Geometry Prerequisite: Passing Grade: - in Algebra I	Grades: 9 th – 10 th Full Year ABOR	The high school Geometry course is designed to foreground the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations and right triangle trigonometry. Inductive and deductive thinking skills are applied in problem solving situations, and applications to the real world are stressed. It also emphasizes writing proofs to prove properties of geometric figures. Logical reasoning and mathematical communication skills required for success in higher math courses and real life experiences.
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Algebra II Grades: This course includes the study of a variety of $10^{th}-11^{th}$ functions (linear, quadratic higher order polynomials, exponential, absolute value, logarithmic and rational) Prerequisite: learning to graph, compare, perform operations and Passing Grade: Full Year manipulate them in order to solve, analyze and apply to problems. Students will use probability and - in Geometry statistics to evaluate outcomes of decisions. Students develop rigorous problem solving skills, logical ABOR reasoning and mathematical communication skills NC44 required for success in higher math courses and real life experiences. **Knowledge:** Students need a previous knowledge of basic Algebra skills. Grade: 12th This course is designed for seniors as a fourth year Algebra III mathematics class that can be taken in place of pre-Calculus or Calculus and still meet high school Prerequisite: Full Year graduation and college admission requirements. This Passing Grade: course is a functional approach to algebra that - in Algebra II incorporates the use of appropriate technology. ABOR Emphasis will be placed on the study of functions, and NC44 their graphs, inequalities, and linear, quadratic, piecewise defined, rational, polynomial, exponential, and logarithmic functions. Appropriate applications will be included. **Knowledge:** Students need a previous knowledge of basic Algebra II skills. **Pre-Calculus** Grades: This subject includes simplifying, graphing, and $11^{th} - 12^{th}$ solving equations and word problems for polynomial, rational, exponential, logarithmic, and trigonometric Prerequisite: functions. Students will learn how to program a TI Passing Grade: graphing calculator and then use it to find solutions in - in Algebra II the above areas. Full Year **Knowledge:** Students need good algebra skills. ABOR **Required Materials:** A personal graphing calculator NC44 in the TI family is required.

(Dual Credit)

** This course can be taken for college credit

Calculus

Prerequisite:

Passing Grade:

- in Pre-Calculus w/ "B-" or better
- Teacher Recommendation

Grade: 12th

Full Year

ABOR

NC44

This course designed for seniors with high level understanding pre-calculus, demonstrates of knowledge of basic pre-calculus concepts and skills. Course topics will include the pre-calculus preliminaries and involves a study of limits, continuity, derivatives and integrals; computations of derivatives - sum, product, and quotient formulas, chain rule, implicit differentiation, applications of derivatives to optimization problems and related rate problems; mean-value theorem; definite integrals and fundamental theorem of calculus; application of definite integrals to computations of areas (length, surface) and volumes. The main method of instructions are Classroom lecture and Problemsolving activities. The type of assignments are Reading assignments and Problem-solving.

Knowledge: Students need good algebra and graphing skills acquired in preceding math courses, especially Pre-Calculus.

Required Materials: A personal graphing calculator in the TI family is required.

** This course can be taken for college credit (Dual Credit)

Personal Finance

Prerequisite:

Passing Grade:

- in Algebra I
- Teacher

Recommendation

Grades:

 $11^{th} - 12^{th}$

Full Year

ABOR

NC44

Students will learn personal finance skills that they will need to succeed in life after high school. Mastery of this course will be through student-centered activities, research projects, discussion points, and tools and resources. Topics will include: Financial Responsibility, Money and Goals, Career Choices, Credit, Budgeting - Saving, Debt, and various Investing Strategies.

Fundamental Algebra I

Prerequisite:

- Teacher Recommendation Grades: $9^{th} - 12^{th}$

Full Year

ABOR NC44

Students use the language of Algebra, its terms, symbols and logic to solve problems and describe relationships. Students will use algebraic, numerical, and graphical representations to solve realistic problems. This course covers a majority of the same concepts as Algebra I, with adaptions.

Fundamental Geometry

Prerequisite:

- Teacher Recommendation Grades: 9th – 12th

Full Year

ABOR NC44

Fundamental Geometry is a critical component of a mathematics education because students are required to relate concepts from Fundamental Algebra and Algebra I to geometric phenomena. This course requires students to focus on logical proof and critical thinking when solving problems or evaluating arguments. Much of the course is focused on preparation for higher Math courses like Algebra 2, Precalculus, and thus several concepts and activities preview topics from these higher-level mathematics courses and analytic geometry. Most post-secondary institutions require students to take a Fundamental Geometry /Geometry course in high school because this subject provides the necessary mathematical tools for complex reasoning and solving problems in the sciences, technology, engineering, and many skilled trades and professions.

Fundamental Algebra II

Prerequisite:

- Teacher Recommendation Grades:

 $9^{th}-12^{th}$

Full Year

ABOR

NC44

Fundamental Algebra II is intended to help students enrich their skills and develop more concepts beyond basic algebra as they prepare for the regular Algebra II course. This course is designed to help students apply the mathematics they learned in the classroom to real world situations, model mathematical situations, communicate mathematically, and use technology appropriately. Lessons that connect various areas of mathematics to algebra, geometry, statistics and trigonometry will be studied. Students will study real numbers, operations, and patterns as they extend their understanding of algebraic concepts. They will work with combining like terms, distributive property, polynomial operations, solving equations, evaluating functions, graphing functions (DESMOS), graphs of exponential functions, **Pythagoras** theorem, Introduction to trigonometric ratios.

SCIENCE

Prerequisite: - Teacher Recommendation	Grades: 9 th – 10 th Full Year	The purpose of this course is to give all students an overview of common strands in life science including, but not limited to, diversity of living organisms, structure and function of cells, heredity, ecosystems, and biological evolution Students will develop the skill necessary to keep records of their observations and use those records to analyze the data they collect. They observe and use observations to explain diversity of living organisms and how the organisms are classified. They use different models to represent systems such as cells, tissues, and organs. They use what they know about ecosystems to explain the cycling of matter and energy. They use the concepts of natural selection and fossil evidence in explanations. Seventh graders write instructions, describe observations, and show information in graphical form. When analyzing the data they collect, they can recognize relationships in simple charts and graphs and find more than one way to interpret their findings.
Integrated Biology Prerequisite: - Teacher Recommendation	Grades: 9 th – 10 th Full Year	Integrated Science is a science course designed for high school students needing an entry-level science course covering basic concepts found in scientific inquiry, Earth Space Science, Physical Science, Biology, and Environmental Science.
Earth Space Science Prerequisite: Passing Grade: - 8 th grade Science	Grade: 9 th Full Year ABOR	Earth Science is a physical science that studies the dynamic processes that shape our planet earth as well as investigates our place in our galaxy and our universe. We will be investigating astronomy, geology, meteorology, and oceanography to better understand what makes our Earth so unique. This class includes several project based on each of the 9 major units.

Biology

Prerequisite:

Passing Grade:

- in Earth Space Science

Grade: 10th

Full Year

ABOR

NC44

In this class students will explore relationships between structure and function in organisms and the interaction of cells and organisms with each other and their environments. Units of study include: use of microscope, cell structure and function, biochemistry, microbiology, classification, human anatomy & physiology, genetics, evolution, botany and ecology. Laboratory activities reinforce concepts and principles presented. As an advanced course, this course goes beyond the curriculum expectations of a standard course offering by increasing the depth and complexity. Students are engaged in dynamic, high-level learning.

Chemistry

Prerequisite:

Passing Grade:

- in Biology

Grade: 11th

Full Year

ABOR

NC44

This course focuses on the study of science and the scientific method in regards to Chemistry, the study of matter, energy, the historic development of models, chemical nomenclature, classifying reactions and predicting chemical products, balancing chemical reactions, and stoichiometry. The content will focus on theoretical models, spatial reasoning, and calculating relevant values. Students will plan and design lab activities, and write professional reports that analyze the process and sources of procedural error. Students develop rigorous problem solving skills, logical reasoning and communication skills required for success in further science courses and in real-world scenarios.

Advanced Chemistry

Prerequisite:

Passing Grade:

- in Chemistry
- in Algebra II

Grade: 12th

Full Year

ABOR

NC44

This course focuses on the study of science and the scientific method in regards to Chemistry, the study of matter, energy, the historic development of models, chemical nomenclature, classifying reactions and predicting chemical products, balancing chemical reactions, and stoichiometry. The content will focus on theoretical models, spatial reasoning, and calculating relevant values. Students will plan and design lab activities, and write professional reports that analyze the process and sources of procedural error. Students develop rigorous problem solving skills, logical reasoning and communication skills required for success in further science courses and in real-world scenarios.

College Biology

Prerequisite:

Passing Grade:

- in Algebra I
- in Biology
- in Chemistry

Grade: 12th

Full Year

ABOR

NC44

College Biology is an introductory course for biology majors. It emphasizes the unifying molecular and cellular principles of all life on earth. supporting interactions of organisms with their environments; evolutionary change and role of natural selection in the evolution of life forms; biological diversity in the context of form and function of organisms; and critical thinking, problem solving and effective communication. Prerequisites: high school algebra, biology, and chemistry.

** This course can be taken for college credit (Dual Credit)

SOCIAL STUDIES

World History Prerequisite: None	Grades: $10^{th} - 12^{th}$ Full Year ABOR	World History is the first course in the Social Studies Program. This course is a comprehensive study of World History, which includes the broad history of humankind. Students are introduced to cultural, economic, political and social developments that played a fundamental role in shaping the world in which they live. The course is based on the AZ State Social Studies Standards for World History.
U.S. History Prerequisite: None	Grade: 11 th Full Year	US History is the second course in the Social Studies Program. This course is a conceptual look at changing American culture, politics, environment and economy. The course's intent is to help students better understand the themes of history which shaped and continue to impact our lives. The course also challenges the knowledge gained from the World

US History.

History course and applies that background to America's perspective of the 20th Century. The

concepts explored in this course will continue to prepare and empower students to make choices as responsible participants in society. The course is based on the AZ State Social Studies Standards for

ABOR

NC44

U.S. Government Prerequisite: None	Grade: 12 th One Semester ABOR	Students will study the purposes, principles, and practices of American government as established by the Constitution. Students are expected to understand their rights and responsibilities as citizens and how to exercise these rights and responsibilities in local, state, and national government. Students will learn the structure and processes of the government of the United States, the state of Arizona and local governments. The reading of primary source documents is a key feature of United States Government and Civics standards.
Economics Prerequisite: None	Grade: 12 th One Semester ABOR	This course is a one semester introduction to the basic tools of micro- and macroeconomic analysis. Microeconomics deals with consumers, firms, markets, and income distribution. Macroeconomics deals with national income, employment, inflation and money. This is a required twelfth grade class for graduation.

PHYSICAL EDUCATION / HEALTH

Physical Education/ Health Prerequisite: None	Grade: 9 th – 12 th Full Year ABOR	Physical Education is a district requirement for graduation. Students develop proficient movement skills in each area of physical education; they expand their capabilities for independent learning; and they examine practices that allow for sound decision-making to enhance successful participation in movement skills. This course includes team, dual, and individual sports/activities. Ongoing assessments includes written test, group cooperation, and performance-based skill evaluation.
		Health is designed to assist students to obtain accurate information, develop lifelong positive attitudes and behaviors, and make wise decisions related to their personal health. Study will include personal and community health; mental, emotional, and social health; injury prevention and safety; nutrition and physical activity; consumer health; alcohol, tobacco, and other drugs; and reproduction. Central themes are the acceptance of personal responsibility for lifelong health, respect for and promotion of the health of others, understanding of the process of growth and development, and informed use of health-related information, products, and services.

Prerequisite: Passing Grade: - in P.E. OR - WHS Athlete in good standing	Grades: 9 th – 12 th Full Year ABOR NCAA	This course is designed to give students the opportunity to learn weight-training concepts and techniques used for obtaining optimal physical fitness. Students will learn the basic fundamentals of weight training, strength training, and overall fitness training and conditioning. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.
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Willcox High School CTE Elective Courses

AGRICULTURE

Intro to Agriculture
Science & Technology

Grade: 9th

Prerequisite: None

Full Year

ABOR

NC44

Introduction to Agricultural Science and Technology, a comprehensive course, provides students the knowledge and skills necessary for career planning and advanced study in the broad field of agriculture/agribusiness. Topics of instruction include the agricultural industry and its global importance, agricultural leadership organizations, agricultural research, concepts of animal and plant science, basics of mechanized agriculture, and personal and communication skills.

Applied Biological Systems

Grade: 10th

Full Year

Prerequisite:

Passing Grade:

- in Intro to Agriculture Science & Technology ABOR

NC44

Applied Biological Systems, a comprehensive course, prepares students for successful entry into diverse agricultural science, business, and industry courses of study and workplaces. Topics of instruction include essential knowledge and skills in plant science, animal science and technology, principles of food science technology, basic mechanical skills in agricultural applications, agriculture and environmental science relationships, and personal and agricultural business management. FFA activities will be emphasized and an approved Supervised Agriculture Experience Program (SAEP) will be required.

Agriscience I	Grade: 11 th	Moving forward into more advanced agricultural plant, animal, natural resources, and mechanics principals, this course demands self-motivation and
Prerequisite: Passing Grade: - in Applied Biological Systems	Full Year ABOR NCAA	research/study. FFA Activities will be emphasized and an approved Supervised Agriculture Experience Program (SAEP) will be required.

Agriscience II Prerequisite:	Grade: 12 th	A project-driven course completing Arizona Agribusiness- Plant Science Level III Competencies. This course delivers more advanced concepts and prepares the student for post-secondary education.
Passing Grade: - in Agriscience I	Full Year ABOR	FFA Activities will be emphasized and an approved Supervised Agriculture Experience Program (SAEP) will be required.

AUTOMOTIVE

Automotive Technology I

Prerequisite: None

Grade: 9th

Full Year

ABOR

NC44

In this class, you will cover the basics of the automotive field. You will learn the basic automotive systems and terminology with emphasis on engine management (Electrical systems). This is a 1-hour block. Thursdays will be in the shop (Provided we have something to work on) doing maintenance related activities from oil changes, repairing, balancing, and rotating tires, and fuel / air filter changes (to name a few). Each student will maintain a check sheet of standards covered while in the shop.

Automotive Technology II

Prerequisite:

Passing Grade:

- in Auto Technology I

Grade: 10th

Full Year

ABOR

NC44

In this class, you will spend most of the time in the shop. You will be able to work on your own vehicles; it is a one-hour block class. You will be able to work on almost any automotive system provided we have the time and the equipment. The shop teacher will approve the project based on time, equipment, and student capability. Each student will maintain a check sheet of standards covered while in the shop.

Automotive Technology III

Prerequisite:

Passing Grade:

- in Auto Technology II

Grades:

 $11^{th} - 12^{th}$

Full Year

ABOR

NC44

In this class, you will spend most of the time in the shop. You will be able to work on your own vehicles; it is a one-hour block class. You will be able to work on almost any automotive system provided we have the time and the equipment. The shop teacher will approve the project based on time, equipment, and student capability. Each student will maintain a check sheet of standards covered while in the shop.

AUDIO / VISUAL

Grade: 9th This year-long class (2 semesters) will prepare **Media Productions** students for success in modern secondary education, post-secondary education, and real world professional Full Year environments. Students will learn the basic skills of Prerequisite: None image manipulation and how to reproduce those images through media publications and informational **ABOR** Many hands-on projects will be presentations. NC44 completed throughout the year with assignments centered on sporting and special events that originate at our school. A brief introduction in the use of cameras will be taught during the first semester. The class will assist in preparing the students for video production and media publications. Microsoft Publisher and Adobe Photoshop CC are the software programs that will be used. Students will complete approximately 21 projects throughout the course of the year.

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Prerequisite:

Passing Grade:

- Media Productions

Grade: 10th

Full Year

ABOR

NC44

This year-long class (2 semesters) teaches students the fundamentals of Digital Video Productions by applying basic technical knowledge and skills in the production of music/audio and visual projects. Studio operations such as lighting and camera operations, sound and video editing are included. This course will provide the skills needed to produce DVDs of school programs, sports highlights, newscasts, and many specialty projects beneficial to the high school, the district, and the local community. *Adobe Premiere CC* will be the primary software studied. Students will complete approximately 14 projects throughout the course of the year.

The fall semester will be dedicated to mastering basic videographer skills including: filming, editing, and rendering video projects, as well as music and audio recording and editing.

The spring semester will utilize the students' mastered basic skills of *Adobe Premiere CC* as they continue to produce more difficult projects.

** This course can be taken for college credit (Dual Credit)

Grade: 11th This year-long class (2 semesters) will teach the Music & Film II students advance skills of Digital Video Productions that will prepare them for producing and editing Full Year digital images, video, and creating interactive digital Prerequisite: media. The students will learn more advanced Passing Grade: cinematography, video editing, special effects, and **ABOR** - Music & Film I advanced principles of movie production. The NC44 students will also be responsible for producing video materials and documentaries for the school district and local community as needed. Adobe Premiere CC will be the primary software studied. Students will complete approximately 10 projects throughout the course of the year. The fall semester will be dedicated to mastering more advanced cinematography techniques through more complex shot angles and movie making procedures. The spring semester will utilize the students' mastered basic skills of Adobe Premiere CC as they continue to produce more difficult projects such as the end-of-theyear senior "baby picture" video. ** This course can be taken for college credit (Dual Credit)

Music & Film III / Animation I	Grade: 12 th Full Year	This year-long class (2 semesters) is for those students returning for their fourth consecutive year in Audio/Visual. Students will further their video skills of filming making and the beginning features of basic stop motion animation skills.
Prerequisite: Passing Grade: - Music & Film II	ABOR NCAA.	During the spring semester, students will learn the basic skills of Claymation, Brickyard Legos, and other forms of animation. They will also build more advanced armatures and background scenes for their short movie projects. DragonFrame 4, Adobe Premiere CC, and Adobe Photoshop CC will be the primary software studied. Students will complete approximately 6 projects throughout the course of the year. ** This course can be taken for college credit (Dual Credit)

CONSTRUCTION & CARPENTRY

	Carpentry (Core) Prerequisite: None	Grades: 9 th – 12 th Full Year ABOR	This introductory course enables students to explore carpentry and construction technology. Students will explore skills, materials, methods, and processes that will provide them with career awareness. The students will obtain basic working knowledge of woodworking skills and construction trade skills through hands on experience in a lab setting, with emphasis on safe use of hand tools, portable power tools, and stationary power equipment. The students will develop work place skills through career and job exploration, leadership style and techniques, construction economy, organization, oral/written communications and mathematics related to the industry. This course allows students to pursue their interest in either construction or carpentry in advanced course work. * Membership in SKILLS USA is part of this class.
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Construction & Carpentry II Prerequisite: Passing Grade: - Construction & Carpentry (Core)	Grades: $10^{th} - 12^{th}$ Full Year ABOR	This course will include a safe hands-on, applied study of wood and metal construction, masonry, concrete, framing, exterior finishing, doors and window installation, drywall, cabinet installation, flooring, and interior/exterior painting. Students will have a chance to work in a team environment while building many different types of structures. Students will learn a variety of leadership skills, learn oral/written communications, and apply mathematic concepts while performing construction and carpentry projects for the community. This course prepares the student to enter the construction and carpentry industry. * Membership in SKILLS USA is part of this class.

Carpentry/Construction Grades: 12th	In this class, students will have an opportunity to work in an industry setting involving the skills
Internship	they learned in the Carpentry classes. Throughout this course, students will work alongside industry
Prerequisite: Passing Grade: - Construction & ABOR Carpentry II - Teacher Recommendation	professionals learning skills that will better equip them for future employment in the carpentry and construction industry. These internships are either paid or unpaid and require the student to have transportation to and from the job site. OSHA certification is part of this class as well as on the job training. Students need to speak with Instructor prior to registering for this class. * Membership in SKILLS USA is part of this class.

MEDICAL

Medical Professions Prerequisite: None	Grades: 11 th – 12 th	Medical Professions is an online, year-round course offered in partnership with Cochise Technology District JTED for juniors and seniors which provides a strong foundation to prepare students to enter the critical field of health care. Students learn medical terminology, anatomy, common diseases and
	Full Year ABOR NCAA	disorders, prevention, diagnosis, and treatment as well as emerging diseases and new medical treatments. Students will master vital skills and receive certification in the performance of CPR and First Aid. This online course is a prerequisite for the Nursing Services/HLT 109 and Pharmacy Support Services. ** This course can be taken for college credit (Dual Credit)

Home Health Aide Prerequisite: None	Grades: 11 th – 12 th	This course is designed to prepare prospective medical field students to successfully complete the Certified Nursing Assistant (CNA) State Certification. College credit is given for this course in cooperation with Cochise College and Cochise
	Full Year ABOR NCAA	County Tech Prep. Cochise County Tech Prep currently provides one-half of the tuition while students are responsible for the remainder of the cost. Students are required to participate in clinical sessions that will be scheduled outside of the regular school day. Arrangements must be made to participate in the required sessions. Students taking this course must be enrolled for reverse-credit course with Cochise College. ** This course can be taken for college credit (Dual Credit)

WELDING

Welding I Prerequisite: - Basic Math Skills	Grades: 9 th – 10 th Full Year ABOR	The purpose of this course is to teach students the fundamentals of common welding processes, starting with safety in the shop and the proper use of tools related to the welding field. Students will learn set up and operation of the following processes: oxyacetylene cutting, shielded metal arc welding (stick), plasma arc cutting (PAC), and gas metal arc welding (wire feed). Students who successfully complete this course will be able to make quality welds in all welding positions: flat, vertical, horizontal, and overhead. Students will utilize all welding joints such as lap, butt, edge, corner, and Tee. This course involves classroom, welding booth, and student project-based activities.
Welding II Prerequisite: Passing Grade: - in Welding I w/ "C" or better	Grades: $10^{th} - 11^{th}$ Full Year ABOR	This course is a second level welding course designed to teach intermediate students additional welding processes and fundamentals. Students will learn set-up and operation or oxyfuel welding, flux cored arc welding, and gas tungsten arc welding for ferrous and non-ferrous materials. Students will also learn to read welding blueprints and welding symbols. This course involves classroom, welding booth, and student project-based activities.
Welding III Prerequisite: Passing Grade: - in Welding I & II w/ "C" or better - Teacher Recommendation	Grades: 11 th – 12 th Full Year ABOR	This is an advanced-level welding course designed to teach knowledgeable welders additional skills necessary for employment and business endeavors. This course will be individual and group project-based, utilizing the skills learned in level I and II.

NC44

Willcox High School Fine Arts Elective Courses

BAND / CHOIR

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Marching Band Prerequisite: None	Grades: 9 th – 12 th Full Year ABOR	The Willcox High School Marching Band is the most publicized performing music group. The marching band is comprised of instrumentalists and a color guard/dance team. Performances include football games, parades, festivals and competitions. Instrumentalists must participate in concert band. The marching teaches the basic skills and techniques for marching maneuvers and outdoor performing. Once the show is written, students must stay in the ensemble until marching season is finished. We cannot afford to have the show re-written once the season has started. Having a performing ensemble music class prior to high school is nice to have but is not required. Private lessons are encouraged. The color guard is open to anyone and performs with the marching band in the fall. A summer music camp is held in July. The regular class time is not enough to learn the music, drill for the show, and be ready for competitions.
Orchestra Prerequisite: None	Grades: 9 th – 12 th Full Year ABOR	The Willcox Philharmonic is designed for a full orchestra including string, woodwind, brass, and percussion students who wish to broaden their musical knowledge and improve their level of musicianship. Students study and perform orchestral music from Baroque, classical, romantic, and contemporary eras in addition to Broadway and pop genres. Students will perform outside of class on a regular basis.
Show/Concert Choir Prerequisite: None	Grades: 9 th – 12 th Full Year ABOR	This vocal ensemble performs a wide range of choral music that includes: show pieces, classical choral pieces, Broadway, jazz, and more. Students learn how to read music, recognize rhythms, sight read, and sing with correct technique and good sound. Show choir also involves students performing choreography and dance. Students develop musical talents and have fun.

FOREIGN LANUAGE

Spanish I Prerequisite: None	Grades: 9 th – 12 th	Spanish I is a basic introduction of the Spanish language emphasizing listening comprehension, reading, speaking and writing. Topics include basic grammar, practicing basic sentences, speaking in the target language, key vocabulary words, and Latin American geography and culture.
	Full Year ABOR NCAA	*Writing assignments and presentations, diagnostic assessments, quizzes, projects, exams, oral presentations, and a final exam are the tools used to determine grade.

Spanish II Prerequisite: Passing Grade: - in Spanish I w/ "C" or better	Grades: $10^{th} - 12^{th}$ Full Year ABOR NCAA.	Spanish II is an intermediate Spanish class emphasizing listening comprehension, reading, speaking and writing. Students are expected, at this point, to speak English as little as possible. Topics include practicing speaking in the target language, more advanced grammar, key vocabulary words, and Latin American geography and culture. *Writing assignments and presentations, diagnostic assessments, quizzes, projects, exams, oral presentations, and a final exam are the tools used to determine grade.
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Sheltered English Immersion Prerequisite: None	Grades: 9 th – 12 th Full Year	This year-long course is designed to meet the needs of the non-English speaking or very limited English speaking student. Second semester will provide students who are still classified as having Limited English Proficiency in reading, writing, and/or oral abilities with more English skills. Student placement in the course is determined by standardized reading
	ABOR NCAA.	scores and through written and oral evaluations by the SEI Department.

Willcox High School General Elective Courses

LAW ENFORCEMENT

Law	&	Public	Safety	I
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Grade: 11th

Prerequisite: None

Full Year

ABOR

NC44

The Law & Public Safety Program is intended to introduce career paths at the Federal, State and Local levels to Junior and Senior High School Students. The curriculum addresses the following elements: History of Law Enforcement, Legal Aspects of Law Enforcement, Functions and Rules within the Criminal and Civil Court System, Safety Precautions and Procedures within Law & Public Safety, First Aid Procedures, Investigative Procedures, Police

Qualifications and Proficiency Skills, Federal Services, State and Local Law Enforcement Services, Federal, State and Local Corrections, Private Security, Effective Communications Skills, Personal and Mental Wellness, Benefits of Technology and Forensic Science. Students will actively participate in scenario-based training, learn the customs and courtesies of the profession and learn through lesson sharing. Students will gain skills used within the law enforcement profession and a broad understanding of law principles and procedures within the criminal justice system.

** This course can be taken for college credit (Dual Credit)

Law & Public Safety II

Prerequisite:

Passing Grade:

- in Law & Public Safety I

Grades: 12th

Full Year

ABOR

NC44

Students will continue studying advanced techniques and skills encountered in the Law & Public Safety Program. The instructional method and approach to accomplish this is through supervision, direction and instruction and to instill discipline, structure and organization during the learning processes. Professional careers include but are not limited to law practice, law enforcement, corrections, public and private security and military careers will be presented and discussed.

** This course can be taken for college credit (Dual Credit)

PUBLICATIONS

Yearbook Prerequisite: - Media Productions - Students must be enrolled in a sophomore, junior or senior Honors English course.	Grades: $10^{th} - 12^{th}$ Full Year ABOR	Students in the Yearbook class are the leaders and decision-makers of the yearbook staff of Willcox High School. In the Yearbook class, students will complete the myriad of tasks to create and design a quality yearbook that reflects the pictorial history of the activities and trends for the current school year. Students will be involved in ALL aspects of the yearbook, which includes planning, creation, design, and distribution. Students will also participate in teamwork skills, photography assignments, and be introduced to financial concepts of operating a Yearbook as a business venture.
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DRAMA/THEATER

DRAMA/THEATER	Grades:	In Theatre class students will learn basic acting skills, character study, and stage terms. It will include speaking in public, making eye contact, developing problem solving skills and improving communication. Students are expected to participate in class, however you will not be required to be in the play.
Prerequisite: None	9 th – 12 th Full Year	
	ABOR NC44	

Self-Assessment

Classes offer tremendous rewards including the opportunity to earn college credit while in high school. Take a few minutes to honestly complete the following survey. Your answers will help determine if classes are right for you. Read each question. If your answer to the question is YES, place a check in the box. If your answer is NO, leave the box blank.

	Are learning and excelling in school top priorities for you?
	Have you taken a class that requires at least thirty minutes of homework per night?
	Do you generally understand a new topic the first time?
	When you don't understand a new topic the first time, have you asked your teacher for assistance?
	Have you asked your teacher for additional explanation or tutoring during your own time, such as before school or during lunch?
	Do you have one or two friends with whom you meet to study and discuss class topics?
	Do you meet with your friends to study and discuss class topics outside of class such as during the evenings, weekends or lunch periods?
	Do you enjoy the subject you are planning on studying?
	Do you enjoy the subject enough that you are willing to sacrifice other immediate academic, athletic, or job opportunities to learn more about the subject?
_	Have you done well in a class that offers little or no extra credit?
	Have you taken a class that stresses your ability to think about the subject and make your own conclusions rather than simply memorizing and repeating what the teacher says about the subject?
	Have you done well in a class that emphasizes your ability to think about the subject?
	Are you a good reader?
	Have you asked questions about class subjects because you are genuinely interested in the answers?
	When you haven't done as well as you would have liked on a test or assignment, have you immediately met with the teacher to find out how you can do better next time?
	Have you willingly re-done tests or assignments to demonstrate that you've learned from your mistakes?

Each of the survey questions reflects a particular reality to classes.

- * If you answered YES to most or all of the questions, you will likely experience success in the course you are considering.
- * If you answered YES to some of the questions, you may still experience success in the course you are considering. Be prepared to commit extra nightly study time, practice good study skills, see your teacher outside of class time for assistance, and participate in a study group.

ANNUAL PUBLIC NOTIFICATION OF NONDISCRIMINATION

Willcox Unified School District does not discriminate on the basis of race, color, national origin, sexual orientation, age, or disability in admission or access to, or treatment or employment in, its educational programs or activities. Willcox Unified School District's Career and Technical Education department does not discriminate in enrollment or access to any of the programs available: Audio/Visual, Automotive Technology, or Construction. Inquiries concerning Title VI, Title II, Title IX, Section 504, and Americans With Disabilities Act may be referred to Mr. Kevin Davis, Superintendent (Kevin.Davis@wusd13.org), at 480 North Bisbee Avenue, Willcox, Arizona 85643, (520)-384-8600.

Notificación Pública Anual De No Discriminación

El Distrito Unificado de Willcox no discrimina por raza, color, origen nacional, orientación sexual, edad, o discapacidad en la admisión o acceso a, o tratamiento o empleo en, sus programas o actividades educativas. El Distrito Unificado de Willcox Departamento de Educación Profesional y Técnica no discrimina en la matrícula o el acceso a cualquiera de los programas disponibles: Audio Visuales, Tecnología Automotriz, Negocios, Construcción. Las preguntas relacionadas con el Título VI, Título II, Título IX, Sección 504, y el Acta Para Americanos Con Discapacidades, pueden ser dirigidas al Sr. Kevin Davis, Superintendente (Kevin.Davis@wusd13.org), 480 North Bisbee Avenue, Willcox, Arizona 85643, (520)-384-8600.