

# Thatcher High School

# Thatcher High School

**COURSE DESCRIPTION BOOK**



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**Mighty EAGLES!**

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**THATCHER HIGH SCHOOL  
COURSE DESCRIPTIONS**

# Course Selections

## LANGUAGE ARTS

### ENGLISH I

GRADE LEVEL:	9th
PREREQUISITE:	None
FEES:	None
CREDIT:	½ per semester



English I is a required course for all freshmen and a prerequisite for English II, English III, and English IV. Students strengthen mechanics, usage, and grammar skills as they engage in narrative, persuasive, and expository writing. Students analyze and evaluate authors' use of literary elements in fiction, nonfiction, the novel, drama, and poetry drawn from American and World literature. Also included is a research paper requiring the knowledge and use of the Internet as a researching tool.

### ENGLISH II

GRADE LEVEL:	10th
PREREQUISITE:	English I
FEES:	None
CREDIT:	½ per semester

English II is a required course for sophomores who have successfully completed English I. The course is designed to build upon knowledge gained in English I as well as prepare students for English III. Grammar rules necessary for effective composition are stressed and students are introduced to various types of paragraphs. Included in the literature study is a review of short story elements with an introductory analysis of various selections. Students will read a play by W. Shakespeare, and a modern novel in class. They will also study and write poetry and complete a video assignment.

### ENGLISH III

GRADE LEVEL:	11th
PREREQUISITE:	English I, II
FEES:	None
CREDIT:	½ per semester

English III is a required course for juniors, though credit in English I and II, respectively, is a prerequisite for registering. Emphasis is on a literature program, which offers high quality, appealing, traditional and contemporary literary selections in American writing. Study aids guide students into, through, and beyond the literature as the occasion arises.

Lessons are enhanced with student writing, and literacy analysis. All students are required to do a unit on career training, research and reporting.

## **THATCHER HIGH SCHOOL COURSE DESCRIPTIONS**

### **ENGLISH IV**

GRADE LEVEL:	12th
PREREQUISITE:	English I, II, III
FEES:	None
CREDIT:	½ per semester

English IV is a course for all seniors, regular or college-bound. Emphasis is on a complete literature program, offering traditional and contemporary literary selections, with study aids that guide most students into, through, and beyond the literature. Several writing assignments are required, including a research paper. Composition is an integral part of the class structure, both in response to reading material and as an opportunity for functional and personal writing. Students are encouraged to read beyond the range of familiar experience while improving basic skills of comprehension and evaluation.

### **ENGLISH 101: WRITTEN COMMUNICATIONS I**

GRADE LEVEL:	12th
PREREQUISITE:	80% or better in previous English classes (English 9, 10 and 11), proficiency on state mandated assessment (ELA) and passing score on EAC English placement test.
FEES & REGISTRATION:	<b>EAC Tuition Fees before the first day of class..</b> <b>Placement tests are required for all English courses at EAC</b>
CREDIT:	1/2 high school credit--3 college credits
WEIGHTED:	Yes

This is a one-semester college course taught through Eastern Arizona College. It emphasizes clear and effective writing and critical reading at the college level. There is emphasis on generative and evaluative writing skills. This course is the prerequisite for ENG 102. (EAC Course Description)

### **ENGLISH 102: WRITTEN COMMUNICATION 2**

GRADE LEVEL:	12th
PREREQUISITE:	ENG 101 with a C or better
FEES & REGISTRATION:	<b>EAC Tuition Fees before the first day of class..</b>
CREDIT:	1/2 high school and 3 college credits

Focusing on literature, poetry, drama, and fiction, this one semester college course continues development of skills and concepts taught in ENG 101. Emphasis is on generative, evaluative, and research skills. (EAC Course Description)

**THATCHER HIGH SCHOOL  
COURSE DESCRIPTIONS****MATHEMATICS****ALGEBRA-I (\*Required math for graduation)**

GRADE LEVEL:	9th, 10th, 11th, and 12th
PREREQUISITE:	Pre-Algebra or equivalent course
FEES:	None
CREDIT:	½ per semester

Algebra I includes a complete study of basic algebraic skills. Some topics covered are: solving equations and inequalities, systems of equations, graphing, rational equations, factoring polynomials, exponents, radicals, and statistics. Homework is given four of the five days each week.

**ALGEBRA-I Fundamentals**

GRADE LEVEL:	9th,
PREREQUISITE:	IEP/Special Education Program
FEES:	None
CREDIT:	½ per semester

This course extends and applies the concepts of Pre Algebra and introduces concepts from Algebra I. The curriculum includes the study of one and two variable equations and linear, quadratic, and polynomial functions. Data collection and analysis are emphasized and technology is utilized. Course may be taken only upon teacher approval. Course content and pace of instruction will be differentiated to meet the specialized needs of the student.

**GEOMETRY (\*Required math for graduation)**

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	Algebra I
FEES:	None
CREDIT:	½ per semester
WEIGHTED:	No

Students study a broad range of topics including lines, triangles, circles, areas, volumes, and constructions. Course work includes performing deductive proofs of theories and problems.

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

### **GEOMETRY FUNDAMENTALS** (\*students take this in place of Geometry)

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	Algebra I
FEES:	None
CREDIT:	½ per semester
WEIGHTED:	No

This course focuses on the use of algebra to work with geometric concepts. The course opens with an introduction to inductive and deductive logic as well as conditional statements and converses. Postulates, theorems, definitions, and properties are developed and used as tools to solve problems including angles, parallels, triangles, quadrilaterals, general polygons, circles, area, and volume. Algebra I is a prerequisite for this course.

### **ALGEBRA-II** (\*Required math for graduation)

GRADE LEVELS:	10th, 11th, and 12th
PREREQUISITE:	Algebra I and Geometry
FEES:	None
CREDIT:	½ per semester
WEIGHTED:	No

This course provides a review of Algebra I. It includes the study of exponents, quadratic equations, conic sections, and word problems. Also, the course will cover such topics as Pythagorean Theorem, midpoint formula, distance formula, and their applications. Algebra II will also cover the general areas of logarithms and arithmetic and geometric progressions, and possibly some trigonometric topics.

### **ALGEBRA-II Fundamentals** (\*students take this in place of Algebra II)

GRADE LEVELS:	11th, and 12th
PREREQUISITE:	Algebra I and Geometry
FEES:	None
CREDIT:	½ per semester

This course extends and applies the concepts of Algebra I and introduces concepts from Algebra II. The curriculum includes the study of linear, quadratic, polynomial, and exponential functions. Data collection and analysis are emphasized and technology is utilized. Course may be taken only upon teacher approval.

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

### DISCRETE MATH

**\*\*This course no longer offered after the 2019-2020 School year.**

GRADE LEVEL:	12th
PREREQUISITE:	Algebra I, Geometry, and Algebra II
FEES:	None
CREDIT:	1/2 per semester
WEIGHTED:	No

Applications of mathematics to real life problems. Quantitative methods including probability, statistics, set theory, and algebra will be used to analyze concepts and applications from business, social sciences, and the physical sciences.

### QUANTITATIVE MATH (Semester 1 Only) \*New 2020-2021

GRADE LEVEL:	12th
PREREQUISITE:	Algebra I, Geometry, and Algebra II
FEES:	None
CREDIT:	1/2 per semester
WEIGHTED:	No

This one-semester 4th-year option math course surveys the application of mathematics as a problem-solving tool in the real world. Quantitative methods including probability, statistics, algebra, geometry, and exponential functions will be used to analyze concepts and applications from business, social sciences, the physical sciences, and the mathematics of finance. This course does not provide sufficient background for students who will need to take Calculus. This course is also offered as a dual-enrollment course (MAT140) and successful completion earns 3 credit hours at Eastern Arizona College.

### FINANCIAL MATH (Semester 2 Only) \*New 2020-2021

GRADE LEVEL:	12th
PREREQUISITE:	Algebra I, Geometry, and Algebra II
FEES:	None
CREDIT:	1/2 per semester
WEIGHTED:	No

The goal of this one-semester 4th-year option course is to provide students with an understanding of how money is a tool and its use must be planned carefully in order to achieve life goals. Generally, students will explore the various ways in which money is made, spent and invested. Specifically, students will create financial goals, construct a budget, and actively research and experience the workings of a variety of financial tools and products: budgets, checking accounts, savings accounts, taxes, insurance, credit cards, loans, interest payments, investing, IRA's, stocks and bonds, and the power of compound interest.

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

### ACCOUNTING II

GRADE LEVEL:	11th, 12th
PREREQUISITE:	Accounting I (Fully year)
FEES:	None
CREDIT:	½ per semester

This course will introduce students to the basic skills of accounting and provide students with the basic principles, concepts, and procedures for financial record keeping. It covers the theory of debits and credits of the most common accounts simulations and perform duties that assist the accountant in recording, sorting, and filing financial data. Manual and computerized competency will be exhibited in journalizing and posting transactions; reconciling a bank statement; completing a worksheet; creating a trail balance, balance sheet, and income statement; adjusting and closing entries; and implementing petty cash and payroll procedures. The accounting student will also be exposed to real world accounting with the use of simulations.

### MAT140 COLLEGE MATH (Dual enrollment with EAC)

GRADE LEVEL:	11th, 12th (1st semester)
PREREQUISITE:	80% or better in previous courses (Alg I, Geometry, Alg II), proficiency on state mandated assessment (Math) and passing score on EAC Math placement test.
FEES & REGISTRATION	<b>EAC Tuition Fees before the first day of class.</b>
CREDIT:	0.67 credit high school and 4 college credits
WEIGHTED:	Yes

Applications of mathematics to real life problems. Quantitative methods including probability, statistics, geometry, algebra, and exponential functions will be used to analyze concepts and applications from business, social sciences, the physical sciences and the mathematics of finance. Appropriate for students whose major does not require College Algebra (Precalculus Algebra or Precalculus). (EAC Course Description)

### MAT 160 INTRO TO STATISTICS (Dual Enrollment w/EAC)

GRADE LEVEL:	11th, 12th (2nd semester)
PREREQUISITE:	80% or better in previous courses (Alg I, Geometry, Alg II), proficiency on state mandated assessment (Math) and passing score on EAC Math placement test.
FEES & REGISTRATION	<b>EAC Tuition Fees before the first day of class..</b>
CREDIT:	0.67 credit high school and 4 college credits
WEIGHTED:	Yes

Introduces statistical methods as applied to collecting, tabulating, analyzing, presenting, and interpreting data. Topics covered include frequency distributions, measures of central tendency, measures of dispersion, elementary probability theory, estimation, hypothesis testing, regression and correlation. (EAC Course Description)

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

### **MAT 154 PRECALCULUS ALGEBRA (Dual Enrollment w/EAC)**

GRADE LEVEL:	11th, 12th (1st semester)
PREREQUISITE:	80% or better in previous courses (Alg I, Geometry, Alg II), proficiency on state mandated assessment (Math) and passing score on EAC Math placement test.
FEES & REGISTRATION	<b>EAC Tuition Fees before the first day of class</b>
CREDIT:	0.67 credit high school and 4 college credits
WEIGHTED:	Yes

A first course to prepare students for calculus. Topics include functions, graphs, equations, exponentials, logarithms, systems with matrices. Optional topics may include conic sections, sequences, and series. (EAC Course Description)

### **MAT181 PLANE TRIGONOMETRY (Dual enrollment w/EAC)**

GRADE LEVEL:	12th (1st semester)
PREREQUISITE:	80% or better in previous courses (Alg I, Geometry, Alg II), proficiency on state mandated assessment (Math) and passing score on EAC Math placement test or "C" or higher in MAT154
FEES & REGISTRATION	<b>EAC Tuition Fees before the first day of class..</b>
CREDIT:	0.67 credit high school and 4 college credits
WEIGHTED:	Yes

Trigonometric functions, identities and equations; development and application of the various formulae for solving triangles, vectors, and complex numbers. (EAC Course Description)

### **MAT220 CALCULUS I (Dual enrollment w/EAC) \*\***

**\*This 5 credit EAC course will be taught over two semesters at THS-EAC tuition is due the FALL semester for this course.**

GRADE LEVEL:	12th (2nd semester)
PREREQUISITE:	80% or better in previous courses (Alg I, Geometry, Alg II), proficiency on state mandated assessment (Math) and passing score on EAC Math placement test or "C" or higher in MAT181 or 187.
FEES & REGISTRATION	<b>EAC Tuition Fees before the first day of class.</b>
CREDIT:	0.67 credit high school and 4 college credits
WEIGHTED:	Yes

This course covers real numbers, limits and continuity for functions of a single real variable. Differentiability and applications of the derivative. Introduction to Integral calculus and applications of the integral.

**\*\*This course is not always offered, check with the high school.**

**THATCHER HIGH SCHOOL  
COURSE DESCRIPTIONS****RESOURCE COURSES**

**Applied Math :** This class is designed to meet the needs of students with special education needs in basic math skills.

**Applied English:** This class is designed to meet the needs of students with special education needs in basic reading and writing skills.

**Study Skills:** This class serves as the transition requirement for all students receiving special education services. It covers study skills and goal setting, career planning, and life skills. There is also time built into the curriculum to meet the resource room needs of these students.

**SCIENCE****INTEGRATED SCIENCE**

**\*New for the 2019-2020 school year**

GRADE LEVEL: 9th  
PREREQUISITE: None  
FEES: None  
CREDIT: ½ per semester

Integrated science is an interdisciplinary science giving students an understanding of foundational concepts in Earth Science, Astronomy, Biology and Chemistry. Students will be able to make careful observations of the surrounding environment, analyze problems and solutions scientifically, integrate science knowledge with real world situations at local, regional, national, and international levels, appreciate the impact of science discovery on everyday life, demonstrate knowledge of the various changes in matter, describe elements and compounds in terms of atoms and molecules, and demonstrate a knowledge of molecular structure as it relates to organic compounds.

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

### **BIOLOGICAL CONCEPTS**

#### **\*New for the 2019-2020 school year**

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	Integrated Science
FEES:	None
CREDIT:	½ per semester

This course includes a study of living organisms and vital processes. Themes that will be covered in this course include scientific skills, ecology, biochemistry, cellular processes, genetics, evolution, classification of organisms, as well as plant and human body systems. The course includes laboratory experiments designed to reinforce course content.

### **HS CHEMISTRY**

#### **\*New for the 2019-2020 school year**

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	Integrated Science and 80% or higher in Algebra 1
FEES:	None
CREDIT:	½ per semester

Students explore the fundamental principles of chemistry which characterize the properties of matter and how it reacts. Computer-based and laboratory techniques are used to obtain, organize and analyze data. Conclusions are developed using both qualitative and quantitative procedures. Topics include, but are not limited to: measurement, atomic structure, electron configuration, the periodic table bonding, gas laws, properties of liquids and solids, solutions, stoichiometry, reactions, equilibrium, acids and bases, as well as nuclear, organic and biochemistry.

**Main Goals:** The main goal of this program is to provide a solid foundation in the study of matter and its changes. Through many activities students will demonstrate how theory is applicable in laboratory situations. All students will develop good methods of problem solving and proper laboratory technique.

### **BIOSCIENCE I/BIO107 (Optional Dual Enrollment w/EAC)**

#### **\*New course starting 2018-2019 school year**

GRADE LEVEL	11th, 12th, (Top 10th graders will be considered if space allows)
PREREQUISITE:	Integrated Science, Biological Concepts
FEES:	None, <b>EAC tuition Fees before first day or class if DE Option</b>
CREDIT:	½ per semester (THS), 3CR total for the year at EAC

This introductory course introduces students to scientific principals and technical skills in support of biologists and biotechnologists in research, industrial, and government settings. Includes instruction in fermentation technology, cell culturing, protein purification, biologic synthesis, assaying and

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

testing, quality control, industrial microbiology, chromatography and bio separation, genetic technology, laboratory and hazardous materials safety, and computer applications and test equipment operation and maintenance. Class will also focus on aspects of quality control, quality compliance, and quality auditing.

**\*Dual Enrollment option– BIO107** is a General Education credit at EAC (not a lab science course). Students will enroll in BIO107 in the Fall Semester and receive a grade at the end of the Spring Semester. Student must be enrolled both semesters to receive credit at EAC.

### **BIO100 BIOLOGY CONCEPTS (Dual Enrollment w/EAC)**

GRADE LEVEL:	12 <sup>th</sup> (11th if space available)
PREREQUISITE:	80% in previous science courses, proficiency on state mandated assessment (Science) and passing score on EAC Reading placement test.
FEES & REG:	<b>EAC Tuition Fees before the first day of class.</b>
CREDIT:	0.67 credit high school and 4 college credits.
WEIGHTED:	Yes

This integrated course deals with both plants and animals, related to our environment from molecule to biosphere. A liberal studies course for non-science majors with an emphasis on contemporary issues. (EAC Course Description)

### **BIO160 HUMAN ANAT & PHYSIOLOGY (Dual Enrollment w/EAC)**

GRADE LEVEL:	12 <sup>th</sup> (11th if space available)
PREREQUISITE:	80% in previous science courses, proficiency on state mandated assessment (Science) and passing score on EAC Reading placement test.
FEES & REG:	<b>EAC Tuition Fees before the first day of class.</b>
CREDIT:	0.67 credit high school and 4 college credits.
WEIGHTED:	Yes

Study of structure and dynamics of the human body, for students who desire a one-semester course in anatomy and physiology. (EAC Course Description)

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

### **CHM151 GENERAL CHEMISTRY I (Dual Enrollment w/EAC)\***

**\*This 4 credit EAC course will be taught over two semesters at THS-EAC tuition is due the FALL semester for this course.**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	80% in previous science courses, 1 year of HS Chemistry preferred, proficiency on state mandated assessment (Science) and passing score on EAC Reading placement test. Must have taken or be enrolled in Algebra II
FEES & REG:	<b>EAC Tuition Fees before the first day of class.</b>
CREDIT:	0.5 per semester when taught over two semesters/4 EAC credits
WEIGHTED:	Yes

Provides the student with knowledge of the fundamental principles of chemistry with an emphasis on matter and measurement, states of matter, atomic structure, chemical periodicity, chemical bonding, chemical reactions, stoichiometry, energy of reactions, aqueous solutions, and properties of gases. The student also applies critical thinking strategies in scenario and inquiry-based laboratory activities. (EAC Course Description)

### **BIOLOGY I**

**\*No longer offered after 2018-2019 year**

GRADE LEVEL:	9th
PREREQUISITE:	None
FEES:	None
CREDIT:	½ per semester

Biology begins with a discussion of the unique properties of living organisms that set them apart from the non-living. The presentation of molecular and cellular biology follows and gives background for the concepts of reproduction and genetics. Units dealing with microbiology, multicellular plants, invertebrate animal life, the vertebrate animals, and ecology follow in logical sequence. Numerous labs and hands-on experience, including dissections, observation of microorganisms and experiments with plants, provide a more in-depth study of life than a general science course would.

### **BIOLOGY II**

**\*No longer offered after 2018-2019 school year**

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	Biology I
FEES:	None
CREDIT:	½ per semester

The base content of Biology II is the anatomy and physiology of the human system, genetics, and animal physiology. A greater emphasis is placed on communication and data presentation from lab experiences than in previous science courses. Units on microbiology and animal physiology enhance the human curriculum and several field trips during the year bring subject areas to a more interactive

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

level. One will participate and be asked to develop experimental processes based on the scientific method, then carry out procedures to conclusion. The student taking Biology II will leave with a greater understanding of their body's structure and function along with the confidence to design and perform experimental procedures.

### EARTH SCIENCE

**\*No longer offered after the 2017-2018 school year**

GRADE LEVEL	11th, 12th
PREREQUISITE:	None
FEES:	None
CREDIT:	½ per semester

This is an Earth Science course that will expose the student to elementary concepts of physics, geology, oceanography, meteorology, astronomy and ecology. The topics covered will range from what science is and how it has developed over time to basic science methods and measurements. Other units taught will be physical earth science topics including rocks, volcanoes and weather. This course will integrate math, reading, writing, technology, and communications. There will be class discussions and student presentations related to current Earth Science events happening in our world today. This course will be taught using a variety of instructional methods including lecture, group discussions, student presentations, labs and student writings.

### CHM130 FUNDAMENTAL CHEMISTRY (Dual Enrollment w/ EAC) **\*No longer offered after the 2017-2018 school year**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	80% in previous science courses, proficiency on state mandated assessment (Science) and passing score on EAC Reading placement test. Must have taken or be enrolled in Algebra II
FEES & REG:	<b>EAC Tuition Fees before the first day of class.</b>
CREDIT:	0.67 per semester, offered 1st semester
WEIGHTED:	Yes

This course is designed to help students understand basic chemical principles and master problem-solving skills. Students will develop an understanding of how those concepts and skills are relevant to other courses and their daily lives. Chemical topics covered in the course include basic science concepts, measurements, atomic theory, bonding, stoichiometry, states of matter, solutions, acids and bases, and nuclear chemistry. (EAC Course Description)

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

### **CHM138 INTRO TO GENERAL, ORGANIC & BIO CHEM (Dual Enrollment w/EAC) \*No longer offered after the 2017-2018 school year**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	80% in previous science courses, proficiency on state mandated assessment (Science) and passing score on EAC Reading placement test. Must have taken or be enrolled in Algebra II
FEES & REG:	<b>EAC Tuition Fees before the first day of class.</b>
CREDIT:	0.67 credit high school and 4 college credits, only offered 1st semester
WEIGHTED:	Yes

For any students with little or no background in chemistry. This first half of this one semester course includes an introduction to general principles of chemistry including measurements, atomic structure, chemical bonding, naming compounds, states of matter, solutions, and chemical reactions with applications in health care. The second half of the course covers aspects of organic and biological chemistry that directly affect health care. They include sections on hydrocarbons, organic functional groups, carbohydrates, lipids, proteins, enzymes, nucleic acids, and metabolic pathways that provide energy for life. (EAC Course Description)

**\*Only one of these Chemistry classes is offered per year—which one depends on the EAC Instructor.**

### **PHY107 PHYSICAL CONCEPTS (Dual Enrollment w/EAC)**

**\*No longer offered after the 2017-2018 school year**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	80% in previous science courses proficiency on state mandated assessment (Science) and passing score on EAC Reading placement test. Must have taken or be enrolled in Algebra II
FEES & REG:	<b>EAC Tuition Fees before the first day of class.</b>
CREDIT:	0.67 per semester, offered 2nd semester only
WEIGHTED:	Yes

Students are introduced to basic physical concepts in mechanics, fluids, heat, optics, electricity, sound, magnetism, atomic and nuclear physics. (EAC Course Description)

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

### SOCIAL STUDIES

#### WORLD HISTORY

GRADE LEVEL:	9th, or 10th*
PREREQUISITE:	None
FEES:	None
CREDIT:	½ (one semester)

This course is a general study of World History from 1500 to the present day. It will cover such topics as the Reformation, Industrial Revolution, Imperialism, World Wars I and II, and the Cold War. This class requires independent reading and note taking skills. Analytical assignments based on text readings and occasional primary sources are also required throughout the semester.

#### WORLD GEOGRAPHY

GRADE LEVEL:	9 <sup>th</sup> or 10 <sup>th</sup> *
PREREQUISITE:	None
FEES:	None
CREDIT:	½ (one semester)

World Geography is the study of the Earth and all that lives on it. This course concentrates on the basic principles of geography. It examines how physical factors such as climate and natural resources help to shape the cultural, economical and political life of people around the globe. The material in this class will be presented using a variety of learning methods including worksheets, questions, quizzes, group projects, presentations, internet and traditional research.

**\*One semester of World History and one semester of World Geography must be taken during 9th or 10th grade years as a graduation requirement.**

#### AMERICAN HISTORY

GRADE LEVEL:	11th, Required
PREREQUISITE:	None
FEES:	None
CREDIT:	½ per semester

American History explores the American past starting with the colonial period and working to the present day. The class incorporates lectures, text and primary source readings, quizzes, videos, and cooperative learning. This class is required for two semesters.

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

### U.S. HISTORY (HIS 101/HIS 102 at EAC)

GRADE LEVEL:	11th
PREREQUISITE:	80% in previous courses (World History, & Geography), proficiency on state mandated assessment (ELA) and passing score on EAC Reading placement test.
FEES & REG	<b>EAC Tuition Fees before the first day of class.</b>
CREDIT:	½ high school and 3 college credits per semester
WEIGHTED:	Yes

**Additional Information:** Prior teachers recommendation/instructor approval. Total number of students admitted to all sections open will be 50. Student and parents agrees to EAC rules and guidelines for admission/drop at instructors discretion. **NOTE:** Preliminary registration in Spring is not final until fees and testing are complete within 10 days of the start of the semester. Students may be dropped from class at instructor's discretion.

“United States History (college level) examines the history of the United States from pre-Columbus times to the present day. This course consists of lectures, recommended note taking, essays or other independent research-based assignments, position papers or book reviews, and primary source readings.”

### AMERICAN GOVERNMENT

GRADE LEVEL:	12th, Required
PREREQUISITE:	none
FEES:	none
CREDIT:	½ credit (one semester course)

This class examines the philosophical and historical foundations of the American political system, the creation of the Constitution, the values and principles in the constitution that have shaped American institutions and practices, the development and expansion of the protection in the Bill of Rights, the rights protected by the Bill of Rights, and the role of the citizen in American democracy. The class also examines state, county, and local governments. This class uses role playing, research projects and presentations, mock trials, three person courts, critical thinking exercises, small and large group work and discussions, guest speakers, interviews and field trips.

### ECONOMICS

GRADE LEVEL:	12th, Required
FEES:	none
CREDIT:	1/2 credit (one semester course)

This course covers five majors concepts: basic economics, microeconomics, macroeconomics, global economics and personal finance. The goals of this course is to enable students to make personal economic judgments, apply basic economic principles to every day life and analyze current events/public polices in order to understand the complex relationships among economics, political and cultural systems.

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

### FOREIGN LANGUAGE

#### SPANISH I

GRADE LEVEL:	9th, 10th, 11th, 12th
PREREQUISITE:	85% or better in Eng I & 70% or better if 10, 11 or 12th grade
FEES:	None
CREDIT:	½ per semester

Spanish I is a course for students who think they would like to learn a foreign language. It starts from two assumptions: that you really don't "know" any Spanish, but that your surroundings have actually exposed you to a lot more Spanish vocabulary than you realize! Posters, flashcards, taped dialogues, music and video material is used to help the student develop abilities in listening, speaking, reading and writing Spanish. Students are expected to take part in pronunciation drills, oral exercises and listening practice, as well as written work. Emphasis is placed on vocabulary and simple grammar patterns. Good study habits and memorization skills are needed.

#### SPANISH II

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	75% or better in Spanish I or teacher approval
FEES:	None
CREDIT:	½ per semester
WEIGHTED:	Yes

Spanish II is a continuation of Spanish I, in which much of the first year material is reviewed and expanded upon. It is a course for students who discover that they enjoy foreign language study and have some abilities in that area of learning. Use will be made of Spanish language newspapers and some magazines during the year. There will be the same mixture of drills and exercises in listening, reading and writing, though on a higher level. Much of the classroom conversation will be carried on in the language.

**THATCHER HIGH SCHOOL  
COURSE DESCRIPTIONS****CAREER & TECHNICAL EDUCATION****ACCOUNTING****ACCOUNTING I**

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	None
FEES:	None
CREDIT:	½ per semester

This course will introduce students to the basic skills of accounting and provide students with the basic principles, concepts, and procedures for financial record keeping. It covers the theory of debits and credits of the most common accounts simulations and perform duties that assist the accountant in recording, sorting, and filing financial data. Manual and computerized competency will be exhibited in journalizing and posting transactions; reconciling a bank statement; completing a worksheet; creating a trail balance, balance sheet, and income statement; adjusting and closing entries; and implementing petty cash and payroll procedures. The accounting student will also be exposed to real world accounting with the use of simulations.

**ACCOUNTING II**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	Accounting I (full year)
FEES:	None
CREDIT:	½ per semester (Can earn CTE or Math Credit)

This course will continue the skills of accounting and provide students with the principles, concepts, and procedures for financial record keeping. It covers the theory of debits and credits of the most common accounts simulations and perform duties that assist the accountant in recording, sorting, and filing financial data. Manual and computerized competency will be exhibited in journalizing and posting transactions; reconciling a bank statement; completing a worksheet; creating a trail balance, balance sheet, and income statement; adjusting and closing entries; and implementing petty cash and payroll procedures. The accounting student will also be exposed to real world accounting with the use of simulations.

**THATCHER HIGH SCHOOL  
COURSE DESCRIPTIONS****BUSINESS MANAGEMENT****BUSINESS IN ACTION I****\*NEW FOR THE 2019-2020 SCHOOL YEAR**

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	None
FEES:	None
CREDIT:	1/2 per semester

This course provides students with an overview of the nature and function of business. Various topics such as money, banking, credit, budgeting, insurance, advertising, investments, taxes, e-commerce and career opportunities are included. Students gain an awareness of the business environment and current business events. This course is recommended for students who have an interest in business and a desire to understand how business works in today's global economy. Students develop leadership and community service skills through participation in a career technical student organization (CTSO)

Students can join FBLA (Future Business Leaders of America). This CTSO gives students opportunities to meet people across Arizona and the United States by traveling to State and National Leadership conferences.

**BUSINESS IN ACTION II****\*SCHEDULED TO START IN THE 2020-2021 SCHOOL YEAR**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	None
FEES:	None
CREDIT:	1/2 per semester

This course provides students with a more in depth study of the nature and function of business. Various topics such as marketing, management, finance and career opportunities are included. Students gain an awareness of the business environment and current business events. This course is recommended for students who have an interest in business and a desire to understand how business works in today's global economy. Students develop leadership and community service skills through participation in a career technical student organization (CTSO)

Students can join FBLA (Future Business Leaders of America). This CTSO gives students opportunities to meet people across Arizona and the United States by traveling to State and National Leadership conferences.

**THATCHER HIGH SCHOOL  
COURSE DESCRIPTIONS**

## **BUSINESS OPERATIONS SUPPORT AND ASSISTANT SERVICES (BOSAS)**

**\*\*PROGRAM AND COURSES NO LONGER OFFERED STARTING 2018-  
2019 SCHOOL YEAR\*\***

### **BUSINESS TECHNOLOGY**

GRADE LEVEL: 10th, 11th, 12th  
 PREREQUISITE: None  
 Fees: None  
 Credit: 1/2 per semester

Business Technology is the first class in Business Operations Support and Assistant Services. “Bosas” students will use their prior knowledge of Microsoft Office to advance their computer skills. Business Technology integrates Microsoft Office 2010 into “Real World” settings using “Concert Tour”, “Skateboard Park” and “Frillios Pizza” business simulators. All Business Technology Students will have the opportunity to become “Microsoft Word Specialist” certified. This is the first step to becoming a fully certified Certiport “Microsoft Office Specialist”

### **BUSINESS IN ACTION I**

GRADE LEVEL: 11th, 12th  
 PREREQUISITE: Business Tech—1 year  
 FEES: None  
 CREDIT: 1/2 per semester

Business in Action I is the second class in the BOSAS program. Students will pick up where they left off in Business Technology working on marketing, Entrepreneurship, and Global and emerging business. Knowledge Matters virtual simulators are used for a hands on experience in personal finance, retailing and business management. These programs are designed to give each student an in-depth, real world virtual experience. This course will also offer each student the opportunity to become “Microsoft Excel and/or Microsoft Access Specialist” certified. This is the second phase of the Certiport certification system.

## **THATCHER HIGH SCHOOL COURSE DESCRIPTIONS**

### **INFORMATION TECH AND WEB DEVELOPMENT**

**\*\*PROGRAM AND COURSES NO LONGER OFFERED STARTING 2018-2019 SCHOOL YEAR\*\***

#### **INFORMATION TECHNOLOGY FUNDAMENTALS**

GRADE LEVEL: 10th, 11th, 12th  
 PREREQUISITE: None  
 Fees: None  
 Credit: 1/2 per semester

This course introduces principles of computers with an emphasis on basic concepts of computer maintenance, network technologies, software development, and web page development. While also providing an understanding of the Information Technologies industry, computer mathematics, and the evolution of the computer.

#### **WEB PAGE DEVELOPMENT**

GRADE LEVEL: 11th, 12th  
 PREREQUISITE: 1 year Information Tech  
 Fees: None  
 Credit: 1/2 per semester

This course prepares students to become familiar with the foundational and basic skills of Internet Technologies, writing code manually, using graphical user interface authoring tools and learning basic infrastructure networking. At the completion of this class students will be prepared for and participate in the CIW Web Foundations Associate Certification process.

## **CARPENTRY/ CABINET MAKING**

#### **WOODSHOP I**

GRADE LEVEL: 10th, 11th, 12th  
 PREREQUISITE: None  
 FEES: \$35.00/semester plus cost of materials for projects  
 CREDIT: 1/2 per semester

This class is designed to provide each student with an opportunity to gain an understanding of tools, machines, processes, and safety practices and to develop fundamental skills in woodworking. Successful completion of the class will qualify students for the United Brotherhood of Carpenters level 1 certificate.

## **THATCHER HIGH SCHOOL COURSE DESCRIPTIONS**

### **WOODSHOP II**

GRADE LEVEL:	11th, 11th, 12th
PREREQUISITE:	Woodshop I
FEES:	\$35.00/semester plus cost of materials for projects
CREDIT:	½ per semester

There are several objectives in Woodshop II. One is to develop salable skills related to the care and use of woodworking tools, machines, and materials. Students make drawings and sketches of projects. Students also read, interpret and work from drawings made by others. They select, design and construct objects that are functional, attractive and appropriate. Projects lead students to discover and understand their interests, capacities and prospective vocational and vocational opportunities in woodworking. Students are required to construct at least two projects during the year. Successful completion of the class will qualify students for the United Brotherhood of Carpenters level 2 certificate.

### **WOODSHOP III**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	Woodshop I, II, or senior with teacher approval
FEES:	\$35.00/semester plus cost of materials (non-refundable)
CREDIT:	½ per semester

Woodshop III involves much larger and more difficult projects. Cabinetmaking is taught and practiced and the student chooses a furniture project to construct. A goal of the course is to develop pride in good work and the ability to evaluate one's own accomplishments objectively with a view toward continued progress. Successful completion of the class will qualify students for the United Brotherhood of Carpenters level 3 certificate.

### **CARPENTRY**

**\*This course is no longer offered after the 2019-2020 school year.**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	Woodshop I
FEES:	\$35.00 per semester
CREDIT:	1/2 per semester

The Construction Technologies program is designed to prepare individuals to apply technical knowledge and skills in the building industry which includes units of instruction in carpentry, electrical,, masonry/brick laying, concrete finishing, HVAC and plumbing, floor systems, wall and ceiling framing, roof framing, site layout, exterior finish, cabinetry and roofing applications. Successful completion will enable the students to receive the United Brotherhood of Carpenters level 3 training certificate.

## CULINARY ARTS

Have you ever wanted to work in a restaurant? Culinary Arts I will teach you the basic skills needed. Learn and apply the principles of nutrition, workplace safety, safe food handling, personal hygiene and sanitation. Assist our student operation restaurant, as a prep cook.

### CULINARY ARTS I

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	None
FEES:	\$40.00/semester
CREDIT:	½ per semester

### CULINARY ARTS II AND III

GRADE LEVEL:	11th, 12th
PREREQUISITE:	Culinary I/ Teacher Approval
FEES:	\$40.00/semester
CREDIT:	1 per semester (includes credit for Food Lab)

#### **Culinary II:**

Students in this class will develop hands on skills in batch cooking and commercial baking while also working on a rotating basis in our student operated fast food restaurant, the “Spee D Eagle.” Culinary II students will be required to participate in a limited number of catered events outside of school time. **\*\*\*Must also take Food Lab Class\*\*\***

#### **Culinary III:**

Students in this program will learn about restaurant management through a curriculum known as ProStart. ProStart, the Arizona Restaurant Association/School-to-Career program, provides students with a combination of classroom and workplace learning that emphasizes the development of real on-the-job skills. Upon completion of the ProStart program, students will be eligible to take a nationally recognized test for certification in the hospitality food service industry. Students in this class will continue to work on a rotating basis at the Spee-D-Eagle Restaurant. They will also be required to participate in a limited number of catered events outside of school time. **\*\*\*Must also take Food Lab Class\*\*\***

## THATCHER HIGH SCHOOL COURSE DESCRIPTIONS

### BIOSCIENCE

#### BIOSCIENCE II

**\*New course starting 2019-2020 school year**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	Bioscience I (Science Credit)
FEES:	None
CREDIT:	½ per semester

Includes advanced biotechnological techniques, fundamentals of cell biology and genetics, applications of biotechnology, bioethics, and careers in biotechnology. This course offers a unique opportunity to motivated high school students who possess a strong interest in pursuing advanced education in bioscience and biomedical science. Through laboratory activities and field-based research, students will conduct independent research in an active laboratory, and learn to communicate.

### MUSIC AND PERFORMING ARTS

#### ORCHESTRA

GRADE LEVEL:	9th-12th
PREREQUISITE:	None
FEES:	\$15/semester, plus a \$50/per semester participation fee
CREDIT:	1/2

This ensemble performs at the EAC Large Group Festival, Spring Concert, EAC Honor Festival, and any other pre-arranged and approved activities (nursing home, joint concerts with other schools, variety show, other orchestra festivals etc.). Members are highly encouraged to participate in Solo & Ensemble activities and/or audition for Regional Orchestra. The Orchestra will perform a variety of selections that may include contemporary serious selections, marches, classical literature, and some "pop" oriented literature. The members need their own instrument, unless arrangements have been made for a school issued instrument. Members are also required to provide their own strings and rosin as well. The performance attire for the Orchestra is dark (black is preferred) dress pants, shirt, shoes and tie for the young men. For young ladies; dark (black is preferred) dress slacks or a mid to long length skirt or dress, with an appropriate blouse and dress shoes.

## **MARCHING BAND**

GRADE LEVEL:	9th, 10th, 11th, 12th
PREREQUISITE:	None
FEES:	\$15, plus \$50 participation fee
CREDIT:	1/2 (first semester only)

The marching band consists of students in grades 9-12 who play a musical instrument. The band performs at all home football games, two college band days, the state marching festival, the fair parade, the Green Valley parade, the homecoming parade, school pep assemblies, and other possible pre-planned approved activities. The members are required to attend all practices which include a one week band camp in August. Then, after school begins, the band meets in the mornings at 7 a.m. The members need their own instrument, unless arrangements have been made for a school issued instrument. The students will also be issued a uniform which they are to keep clean at all times. The students are responsible for purchasing the band shoes, band T-shirt, gloves and their own individually needed supplies such as reeds, sticks, mallets, etc. The marching band music will include many "pep" type songs and several serious selections which may include a theme type show. The semester concludes with the band performing the annual Christmas Concert.

## **CONCERT BAND**

GRADE LEVEL:	9th, 10th, 11th, 12th
PREREQUISITE:	None
FEES:	\$15.00 plus \$50 participation fee
CREDIT:	1/2 (second semester only)

The concert band performs at the spring concert, EAC Large Group Festival, variety show and any other pre-arranged and approved activities. Members are highly encouraged to participate in Solo & Ensemble activities as well as regional try-outs. The band will perform a variety of selections that may include contemporary serious selections, marches, classical literature, and some "pop" oriented literature. Members who are able to play more than one instrument may be asked to move to another section to help balance instrumentation. Members are required to play for the director at least three times and tie for boys, and a dress or appropriate skirt/blouse and dress shoes for girls. Students are encouraged to sight read the marching band music for the up-coming school throughout the semester. Members, by choosing to participate in Solo & Ensemble or regionals do not have to play for the director three times. They will pass the requirement by their participation in the event. Members are required to provide their own reeds, oils, sticks, mallets, etc. The attire for the concert band is dress pants, shirt, shoes and tie for boys, and a dress or appropriate skirt/blouse and dress shoes for girls. Students are encouraged to sight read the marching band music for the up-coming school year.

## **MUSIC APPRECIATION**

**\*No longer offered starting 208-2019 school year.**

GRADE LEVEL:	9th, 10th, 11th, 12th
PREREQUISITE:	None
FEES:	None
CREDIT:	1/2 (one semester only)

This course is designed to work with the text, recordings, and video, as well as teacher/class input. The course is an overview of how music from various cultures and countries has influenced our music. Projects, reports, quizzes and tests evaluate the course as well as the class.

**MIXED CHOIR** (formerly Camerata)

GRADE LEVEL:	9th, 10th, 11th, 12th
PREREQUISITE:	None
FEES:	\$15/semester -Plus costume fee
CREDIT:	½ per semester

This course covers the basics of choral performance with emphasis on correct vocal production, music theory and sight-reading, Music performed ranges from the Renaissance to the 20th century. Concerts are performed twice a semester and attendance is mandatory

**CONCERT CHOIR** (formerly A'Cappella choir)

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	Audition only
FEES:	\$25.00/semester and costume fee
CREDIT:	½ per semester

This course is for students who are committed to a challenging but rewarding choral experience. This course covers the basics and advanced techniques of choral performance with emphasis on correct vocal production, music theory, and sight reading. A wide variety of the finest and most difficult choral literature from all style periods and genres will be performed, including Jazz, Pop, Classical, and music theatre. This select group of 10th-12 graders is chosen through audition by the director. Students are required to participate in solo/ensemble contest and regional auditions. Performance tour opportunities will be available for this choir, as well as performances at selected festivals. The number of students accepted into this choir is not limited. Major concerts are performed two times per semester and attendance is mandatory. Excellent attitude and work are expected and appreciated.

**SHOW CHOIR**

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	Audition only
FEES:	\$15.00/ course fee plus \$100 Participation fee
CREDIT:	½ per semester

This choir is a select group of 10th-12 graders chosen through audition by the director. This course covers the basics and advanced techniques of choral performance with emphasis on correct vocal production, music theory, sight reading, stage presence and choreography. Music and dance styles are performed in many different varieties, including Jazz, Pop, Swing, Classical and music Theatre. Students are required to participate in solo/ensemble contests and regional auditions. Performance tour opportunities will be available for this choir, as well as performances at selected festivals. The director will accept 28 students the first semester and up to 32 students the second semester. Major concerts are performed two times per semester and attendance is mandatory. Excellent attitude and work are expected and appreciated.

# ART

## INTRODUCTION TO ART (Fine Art)

GRADE LEVEL:	9th, 10th, 11th, 12th
PREREQUISITE:	None
FEES:	\$30.00 per semester
CREDIT:	1/2 per semester (Must have 2 sem., before advancing to next art class)

This full year course is designed to introduce students to the world of visual arts. Students will learn the core elements and principles of design by creating a series of art projects using a variety of media, techniques and processes. Students will also be introduced to art from a variety of times and cultures in history. As students study art history they will learn the processes of art criticisms. Students will learn how art relate and evaluate works of art.

## Creative Art

GRADE LEVEL:	9th, 10th, 11th, 12th
PREREQUISITE:	None
FEES:	\$30.00 per semester
CREDIT:	1/2 per semester

The Creative Art course is for any student that is highly motivated to be creative. In this course students will create independently using only an art journal/sketchbook. Students will be introduced to a variety of art mediums, tools, and supplies. Students will also learn how to develop and hone in on creating their own art style as they explore, experiment, and evaluate their art created in the art journal/sketchbook.

## PAINTING I

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	Introduction to Art (1yr)
FEES:	\$30
CREDIT:	1/2 (one semester)

This is a one semester course allowing students to focus on painting techniques taught through a series of related steps and exercises. Students will learn color theory, color schemes and color mixing as students learn to use both acrylic and watercolor paints. Students will also study learn the study of a number of different painting styles and expressions both past and present. Students will create individual works emphasizing proper technique and individual creativity.

## PAINTING II

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	Introduction to Art (1yr)
FEES:	\$30
CREDIT:	1/2 (one semester)

This is a one semester introductory watercolor course designed for student exploration of transparent and opaque watercolor painting techniques. Students will be introduced to rudimentary techniques fundamental to watercolor painting. The course projects will engage students in a series of exercises designed to cultivate technical skill, visual sensitivity, creativity, and knowledge of watercolor materials and processes. Students will receive instruction on color mixing, palette organization, the use of brushes, papers, and other tools such as spray bottles and masking materials. Students will study important artists in watercolor painting and connections will be made between course projects and historical examples.

## DRAWING I

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	Introduction to Art (1yr.)
FEES:	\$30
CREDIT:	1/2 (one semester)

This one semester course emphasizes the elements and principles of design while developing students' technical drawing skills through organized compositions. Students will develop proper skills needed to show value, mass, form and depth to their subjects. Students will use a variety of drawing tools such as pencil, charcoal, pastels, oil pastels, colored pencil, markers and pen and ink to create artwork.

## Drawing II

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	Introduction to Art (1yr.)
FEES:	\$30
CREDIT:	1/2 (one semester)

Drawing II is a one semester course introducing students to processes and techniques as they relate to commercial art and graphic design. Students will gain experience in techniques such as layout, illustration, caricature, creative lettering, and logo design. All projects will focus on proper use of the art elements and the design principles in a creativity way. Projects may include creating and designing posters, program covers, t-shirt design, logos, billboards, and sign painting.

## Studio Art

GRADE LEVEL:	11th, 12th
PREREQUISITE:	Introduction to Art– 1 year drawing, painting/student must also receive written approval from the art teacher to enroll in this class. Admissions to this class depends upon previous achievements, as well as evaluation of the ability of applicants to meet high standards of individual responsibility, self creativity, grasp of fundamentals of art, emotional maturity and dependability in creative studies in the classroom.
FEES:	\$30 per semester
CREDIT:	1/2 per semester

This is a one semester course in which advanced art students focus on creating a two dimensional portfolio. Students will also select an area of emphases (acrylic, watercolor, oil, drawing etc.) in which the student will study and create artwork under a contract between student and teacher. Students will also explore career options available to students. Students can enroll in this class up to four semesters. **MUST HAVE TEACHER APPROVAL**

## World of Crafts

GRADE LEVEL:	9th,10th, 11th, 12th
PREREQUISITE:	None
FEES:	\$30 per semester
CREDIT:	1/2 per semester (one semester only)

This is a one semester course providing students opportunities to create various craft projects many based on form and function. Special emphasis on world cultures, traditions and techniques as it relates to the creation of art. (Paper cuts, mosaics, jewelry, origami, mask making, lino cuts, sand art, etc.)

## **Crafts and Three-Dimensional (3-D) Art**

GRADE LEVEL: 9th, 10th, 11th, 12th  
 PREREQUISITE: None  
 FEES: \$30.00 per semester  
 CREDIT: 1/2 per semester

This one semester course will use a variety of mediums in a more practical approach to incorporating the use of crafts and other three-dimensional art works into the context of present day American culture. Projects will include but not limited to some of the following: glass etching, glass painting, candle making, batik, wire sculpture, and paper quilling etc.

# **PHYSICAL EDUCATION**

## **BOYS PHYSICAL EDUCATION**

GRADE LEVEL: 9th, 10th, 11th, 12th  
 PREREQUISITE: None  
 FEES: None  
 CREDIT: 1/2 per semester

This class will cover the following activities: volleyball, basketball, soccer, football games. Class will also cover a number of health topics such as muscle, sprains and strains, life management skills, substance abuse, disease prevention, first aid, nutrition, consumer health, hygiene, and the benefits of physical exercise.

## **GIRLS PHYSICAL EDUCATION**

GRADE LEVEL: 9th, 10th, 11th, 12th  
 PREREQUISITE: None  
 FEES: None  
 CREDIT: 1/2 per semester

This class will cover the following activities: volleyball, basketball, soccer, football, softball, 5base, ultimate Frisbee, badminton, aerobics, ping-pong, and a variety of tag games. Class will also cover a number of health topics such as muscle, sprains and strains, life management skills, substance abuse, disease prevention, first aid, nutrition, consumer health, hygiene, and the benefits of physical exercise.

## **LIFETIME SPORTS**

GRADE LEVEL:	10th, 11th, 12th
PREREQUISITE:	None
FEE:	None
CREDIT:	1/2 per semester

This class is designed to expose students to a variety of physical activities and sports that contribute to life long health and fitness. Students will explore athletics they can pursue throughout their lives for both recreational and health purposes. Specific activities vary each semester, but generally include: basketball, badminton, ping pong, soccer, tennis, horseshoes, golf, softball, archery, walking/jogging, aerobics, 5 base, ultimate Frisbee, flag football and a variety of outdoor tag games

## **BOYS ONLY, GIRLS ONLY AND CO-ED POWER WEIGHTS**

GRADE LEVEL:	9th, 10th, 11th, 12th
PREREQUISITE:	None
FEES:	None
CREDIT:	1/2 per semester

This class allows students to work on the components of physical fitness including: strength, agility, power, flexibility, endurance, and body composition. The course will also cover basic anatomy and physiology in the classroom. This class is ideal for the serious student/athlete seeking to improve their physical capabilities. Attendance plays a major role on grades!

# **OTHER ELECTIVES**

## **DRAMA**

GRADE LEVEL:	9th
PREREQUISITE:	None
FEES:	None
CREDIT:	1/2 per semester

Students will learn and hone the fundamentals of stage acting, including blocking and movement, voice projection, character development, and other skills such as stage makeup, costume design, and set design. Students will "learn by doing," with an emphasis on producing a complete play each semester.

## **LITERATURE STUDY**

GRADE LEVEL:	9th
PREREQUISITE:	Basic reading and communication skills
FEES:	None
CREDIT:	1/2 per semester

The literature studies program is a variation of traditional Literature Circles in which groups of students read the same book and have weekly meetings to discuss their thoughts and feelings about the book.

Genre Studies/Book clubs:

- Promote a love for literature and a positive attitude towards reading;

- Reflect a student-centered model of literacy
- Encourage extensive and intensive reading;
- Invite natural discussions that lead to student inquiry and critical thinking;
- Support diverse responses to text;
- Foster interaction, cooperation and collaboration;
- Provide choice and encourage responsibility;
- Expose students to literature from multiple perspectives; and
- Nurture reflection and self-evaluation.

## **FILM STUDIES**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	Interest in Films
FEES:	None
CREDIT:	1/2 per semester

Students will study the major industrial, technological, aesthetic, and cultural developments in motion picture history. This course introduces students to the basics of film analysis, cinematic formal elements, genre, and narrative structure and helps students develop the skills to recognize, analyze, describe and enjoy film as an art and entertainment form.

## **PUBLIC SPEAKING**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	Basic reading and writing skills
FEES:	None
CREDIT:	1/2 per semester

Public Speaking is an elective course for juniors and seniors. The course is designed to improve communication skills that will enhance student goals and improve public speaking abilities. Students will learn to speak in front of an audience about both prepared and impromptu topics using proper vocabulary, presentation aids, and command of language through speech. Students will also learn to evaluate speeches and techniques, listen effectively, and understand communication in various social and formal environments.

## **YEARBOOK**

GRADE LEVEL:	10th, 11th, 12th or Instructor Approval
PREREQUISITE:	None
FEES:	None
CREDIT:	1/2 per semester

Students in this class are responsible for producing the school yearbook. Curriculum includes (homework assignments) covering rules of journalism and techniques of lay out and design. Staff members are expected to work some evenings and weekends selling advertisements, covering school activities and meeting production deadlines. A 3.0 GPA in English is recommended due to the importance of correct grammar and spelling in the yearbook. Excellent attendance is necessary due to deadlines.

**PEER TUTOR**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	National Honor Society Member
FEES:	None
CREDIT:	1/2 per semester

This is a course for NHS members to fulfill a service component of their NHS requirements. Students are required to tutor 1 semester during their time as a NHS member. The peer tutors will work with other students needing aide in a school subject.

**LEADERSHIP**

GRADE LEVEL:	11th, 12th, or Instructor approval
PREREQUISITE:	none
FEES:	None
CREDIT:	1/2 per semester

The Leadership class is designed to provide students with the opportunity to acquire the essential knowledge, skills and attitudes they will need to become effective leaders both now and in the future. Course Curriculum will include discussion and study of basic leadership principles. Students will also develop the personal, social and organizational skills that are necessary to become competent and successful contributors to their school, their community and to society. In addition to mastering the essential academic skills, students will apply what they have learned by participating in fulfilling their student leadership roles on campus. Time will be given to plan, organize and implement events pertaining to their personal leadership responsibilities.

**TEACHER'S AIDE**

GRADE LEVEL:	11th, 12th
PREREQUISITE:	70% or better GPA
FEES:	None
CREDIT:	1/2 per semester (2 semester limit)

Teacher's Aides are expected to be responsible citizens of our school. They must have an accumulative grade point average of at least 70% and be willing to perform the duties as assigned by their supervisor. This class will not be used as a study hall unless the supervisor does not have any work for the student to do. If the supervisor does not have any work for the aide to do, the aide may be loaned to another teacher or office. There is an application and interview process that must be completed the semester before starting as a TA. There is an application and interview process for all students wishing to be a TA. **\*\*\*ALL WORK DONE AS A AIDE IS CONFIDENTIAL and STUDENT MUST FILL OUT TEACHER AIDE AGREEMENT\*\*\***

**ALGEBRA 1 LAB** \*This course is no longer offered\*

GRADE LEVEL:	9th
PREREQUISITE:	Must be enrolled om Algebra 1
FEES:	None
CREDIT:	1/2 per semester

This course is designed to support our lower level math learners in their Algebra 1 class. \_It provides an additional hour of math practice and support during the school day.

## **DRIVER'S EDUCATION AND BEHIND THE WHEEL DRIVING**

\*This course is no longer offered starting 2018-2019 School year

GRADE LEVEL:	9th, 10th, 11th, 12th
PREREQUISITE:	None,. AZ Driver's permit required for Behind the Wheel
FEES:	\$20 Fee for "behind the wheel driving experience"
CREDIT:	1/2 per semester

Traffic safety: This course emphasizes the importance of being a safe, defensive and responsible driver. Various aspects of driving in an assortment of situations will be addressed in this course. It will prepare new drivers to receive their permit and license. It will also help new drivers that already have their permit or license to fine tune, improve and develop good, low-risk driving habits. Students who achieve successful completion of this portion of the course with an 80% or better on the final will receive a certificate that waives the written test for their permit.

## **GILA INSTITUTE FOR TECHNOLOGY** **(GIFT)**

\*For a complete listing of programs, please visit the high school's main office or GIFT's website at:

**[www.applytogift.org](http://www.applytogift.org)**

## **CLASSES TAKEN AT SAFFORD H.S.**

Thatcher High School Students can take the following courses at Safford High School. Please see Safford High School's website for these course descriptions.

- Agriscience/FFA 1, 2, 3 and 4 (starting in Grade 9)
- Beginning Autos, Autos 2, Autos 3 and Advanced Autos (Starting in Grade 10)
- \*Film and TV (Starting in Grade 10)