



Plainview High School  
Course Description Guide  
Enrollment, College and Career Information  
2020 - 2021

1140 S. Plainview Rd.  
Ardmore, OK 73401

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## **COLLEGE AND CAREER GUIDANCE INFORMATION**

### **Scheduling Process**

This guidebook is a synopsis of the courses to be offered during the 2019-2020 school year and is designed to aid students and their parents in the selection of courses for pre-enrollment. It includes required and elective courses and activities for grades 9-12. To be offered, each course must have a specified number of pre-

enrolled students. Courses listed in this booklet which do not attract enough students during registration will not be offered. Some offerings require teacher approval and/or separate student application process.

### **Planning Process**

Please review the high school graduation requirements. Meeting these requirements is the responsibility of the student and parent. The school's staff can and will give advice about the courses that are offered, but ultimately success in high school rests upon the shoulders of each student. High school counselors and teachers are your greatest source of information when making course selections for the coming year. We recommend that students and parents work with the faculty and staff to plan the courses to be taken for the entire four years of high school, not simply those to be taken during the coming school year. Things to consider when completing a four-year plan of study are high school graduation requirements, prior successes and failures, special interests and aptitudes, college entrance requirements, and other career plans.

### **Building Your Individual Career & Academic Plan**

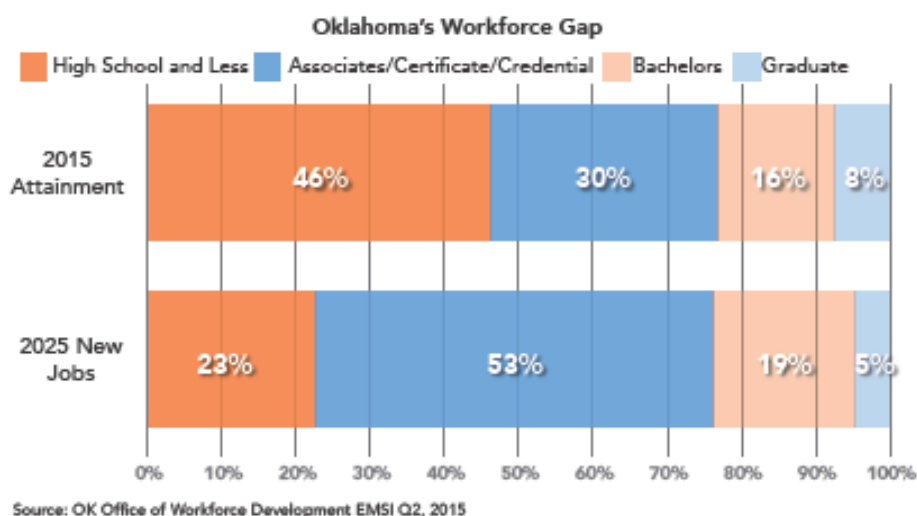
The Individual Career & Academic Plan (ICAP) is a document that will guide individuals through the coursework and activities for achieving personal career goals. An ICAP is a multi-year process that intentionally guides students and families in the exploration of career, academic and post-secondary opportunities. With the support of adults, students develop the awareness, knowledge, attitudes, and skills to create their own meaningful and powerful pathways to be career and college ready. A personalized ICAP is like a career and academic GPS to guide individuals through the coursework and activities for achieving personal career goals. An ICAP connects student's high school and postsecondary educational experiences. **Each student at Plainview Schools will have an ICAP beginning with the class of 2023.**

## WHAT IS AN INDIVIDUAL CAREER ACADEMIC PLAN?

The ICAP – developed with collaboration among student, family and educators – equips students with the awareness, knowledge and skills to create their own individualized, meaningful exploration of college and career opportunities. In order to reflect students' changing passions, aptitudes, interests and growth, the ICAP is a flexible, evolving document.

## WHY IS AN INDIVIDUAL CAREER ACADEMIC PLAN VALUABLE?

Life beyond high school requires different, and ever changing, competencies. By 2025, three of four Oklahoma jobs will require education or training beyond high school. During the ICAP process, students discover the pathways that fit their unique talents and learn what academic preparation and experiences will prepare them for in-demand careers, some of which may not exist when they graduate from high school.



### When students complete a meaningful ICAP process, they:

1. Connect the relevance of education to their future goals
2. Create secondary and postsecondary course plans to pursue their career and life goals
3. Strategically select a postsecondary pathway to align with self-defined career, college and life goals
4. Establish better communication and engagement between school and home
5. Understand and demonstrate career exploration and career planning

### AP CLASSES

AP (Advanced Placement) classes are offered to provide rigorous course opportunities. Colleges and universities are increasingly looking for and requiring satisfactory completion of AP courses for admission. AP course content is equivalent to college courses and requires more time and effort than other high school courses. **Any student whose average semester grade for said AP/honors class is 93 % or greater will have a 1 point weight added to the qualifying AP/honors course(s) to calculate the overall grade point average (GPA) for said student.**

(Example: Anytime a student has a 93 % or greater semester grade average for an AP/honors class, the student's overall GPA will be calculated using a 5 point weight for each of the qualifying AP/honors courses. Note: The 5 point weight replaces the traditional 4 point weight typically assigned for a traditional non-weighted "A" grade).

This weighted GPA will be used to determine the top ten seniors, valedictorian, salutatorian, and class rank. Though many **colleges and universities will not accept weighted GPA's, Plainview High School transcripts will contain both the weighted as well as the non-weighted grade point average.** It is for this reason that the Plainview Schools will convert all GPAs to a 4.00 scale before transmitting grades to colleges or universities. The purpose of the weighted grades is to recognize rigor in advanced courses, and in the determining of class rank. Students will be required to pay for the expense of the exams. All Southern Tech courses will be transcribed using Southern Tech letter grade.

### PRE-AP CLASSES

Students in Pre-AP classes (excluding art) will be on the regular grading scale but will receive an additional .5 grade weight for letter grades A-D (A=4.5, B=3.5, C=2.5, D=1.5, F=0).

### CONCURRENT ENROLLMENT

Juniors and Seniors may be concurrently enrolled at the Ardmore Higher Education Center if they meet the criteria for enrollment. Juniors must have either a 3.5 cumulative GPA or a 21 composite ACT score. Seniors must have a 3.0 cumulative GPA or a 19 composite ACT score. Per Senate Bill 290, all college credit will be transcribed on the high school transcript. This credit will not meet core course requirements but will count as elective credit unless the course has been approved by the Plainview Board of Education and the Oklahoma State Department of Education for core credit.

### CAREER TECH

Students will have the opportunity to enroll at Southern Technology Center (SOTC) for their junior and/or senior years. Students will attend Plainview HS for half-day and attend SOTC half-day. See the counselor for more information on the opportunities and classes available.

### GRADUATION REQUIREMENTS

Requirements for graduation shall be 24 units for the classes of 1996 and beyond. Students who lack more than one credit cannot participate in the graduation ceremony. The state of Oklahoma requires all students beginning with those who started the seventh grade in 2008-2009 to fulfill the requirements for a Personal Financial Literacy Passport in order to graduate from a public high school. The requirements shall be the satisfactory completion and demonstration of satisfactory knowledge in all 14 required areas of instruction during grades 7-12. Students must also receive instruction in CPR. Note: There are changes being made on the state level which could alter the courses required for graduation. Plainview High School officials will inform you of these changes as quickly as they are received from the State Department of Education. The state mandated curriculum choices are listed below.

#### Plainview High School Diploma

##### College Prep Requirements

- 4 years English
- 3 years Math (Algebra I, II, Geometry)
- 3 years Lab Science
- 3 years History & Citizenship
- 2 years same Foreign Language **or**
- 2 years Computer Technology
- 1 unit additional unit from courses above
- 1 unit of Fine Arts
- 24 total credits

##### Core (Work Ready) Curriculum

- 4 years English
- 3 years Math (Algebra I, & 2 others)
- 3 years Science
- 3 years History & Citizenship
- 1 unit of Fine Art
- 1 unit of Computer Technology
- 24 total credits

\*Students should check with their individual college choice for exact admission and ACT requirements as they may vary from college to college.

At graduation exercises the only items permitted to be worn above the cap and gown are the National Honor Society (NHS) stoles, medallions for recognition of OSSM students, stoles for members of the National Technical Honor

Society, National Art Honor Society cords, and honor cords for students in the top 10% of the graduating class. Students are not allowed to decorate their caps or have any additional regalia.

~~In order for a student to wear the Beta stole they must have participated in a specified percentage of the NHS activities during the year. Students will be informed at the beginning of the year what percentage of activities they must participate in.~~

## VALEDICTORIAN & SALUTATORIAN

### Selection Criteria

Selection of the Plainview High School Senior Class valedictorian(s) & top 10 seniors will be based on the following criteria:

1. The Valedictorian and Salutatorian will be selected by an overall GPA at the end of the first semester of the senior year. It should be noted that any class that is taken with a grade of 'P' (Passing) will not be counted into the GPA calculation as a letter grade; but will count toward credit earned.
2. Weighted GPA will be used as follows: Any student whose average semester grade for said AP class is 93 % or greater will have a 1 point weight added to the qualifying AP course(s) to calculate the overall grade point average (GPA) for said student. (Example: Anytime a student has a 93 % or greater semester grade average for an AP class, the student's overall GPA will be calculated using a 5 point weight for each of the qualifying AP courses. Note: The 5 point weights replaces the traditional 4 point weight typically assigned for a traditional non-weighted "A" grade. This weighted GPA will be used to determine the top ten senior honors, valedictorian, salutatorian and class rank. Colleges and universities will not accept weighted GPA's. It is for this reason that the Plainview Schools will convert all GPA back to a 4.00 scale before transmitting grades to colleges or universities. The purpose of the weighted grades is to recognize rigor in advanced course(s) and in the determining of class rank. Pre AP English will be given an additional .5 weight in the calculation of grades beginning with the freshmen class of 2014. Example: an A in a Pre AP class will be given a weight of 4.5.
3. To receive the honor of valedictorian or salutatorian the student must have been enrolled in the Plainview Schools for both his/her sixth and seventh semester.
4. To qualify for an honor under this section, students must also have completed a minimum of at least 22 units by the end of the seventh semester. Each of these 22 units must be a class in which a letter grade is awarded. A grade of a "P" (passing) will not be counted towards meeting this 22 unit requirement nor will it be used to calculate the weighted GPA average.
5. Since the use of the weighted GPA has the potential to reward the student who takes the minimum of 22 units, each senior will have the option of dropping any grade of "A" above the minimum 22 required units, prior to the calculated weighted grade point used to determine honors associated with class rank. **In no instance will a student be allowed to drop a grade below an "A" in the weighted grade point calculation.** All semester grades for all course work taken and recorded on the Plainview High School Transcript will be used for the un-weighted official GPA average that will be sent to the Colleges and Universities. The maximum GPA using the method accepted by most colleges and universities will be a 4.00 GPA.

# MATHEMATICS

**Algebra I:** The primary focus for students in this course is developing logical reasoning by making and justifying generalizations based on their experiences with fundamental algebraic concepts, especially functional relationships and problem solving in real situations. Linear and quadratic functional relationships are examined in a variety of problem situations, and these functions form the basis for the study of equations and the development of algebraic skills. Students use a variety of representations (concrete, numerical, algorithmic, and graphical) and tools as well as having regular access to technology that allows function plotting, coordinate graphing, algebraic analysis, and computation. Algebra I provides the basic foundation needed for Geometry, Algebra II, and other higher level math courses.

**Grade Level:** 9, 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** 8<sup>th</sup> grade math

**Geometry:** This course addresses the components of the basic structure of geometry such as dimensionality, congruence, and similarity through the study of size, shape, location, and direction relationships. Connections to algebra and to the world outside of school are generated through a variety of applications and settings. Students use a variety of representations (concrete, numerical, algorithmic, and graphical) as well as having regular access to technology that allows geometric constructions, coordinate graphing, algebraic analysis, and computation. This course will give students the opportunity to study the basic properties of lines, planes, polygons, circles, and geometric solids. Additional topics include theorems, deductive and inductive reasoning, three dimensional concepts, constructions, area, volume, and coordinate Geometry, and an introduction to trigonometric relationships. This course addresses the essential knowledge and skills for geometry and is designed to prepare students for Algebra II, and other higher level math courses.

**Grade Level:** 9, 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** Algebra I

**Math of Finance:** This course is designed to help students learn about earning money, checking accounts, savings accounts, running a business, credit cards, life insurance, stocks and bonds, income tax, owning homes and cars, and budgeting. This course meets high school graduation requirements. It does not count toward college prerequisite or Oklahoma's Promise scholarship credit.

**Grade Level:** 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** Algebra I

**Algebra II:** The primary focus for students in this course is developing logical reasoning by making and justifying generalizations based on their experiences with

fundamental as well as advanced algebraic concepts, especially functional relationships and problem solving in real situations. Building on the study of linear and quadratic functions from first-year algebra and the study of size, shape, location, and direction relationships from geometry, functional relationships are extended to include radical, rational, exponential, and logarithmic functions. These functions are examined in a variety of problem situations and form the basis for the study of equations and the development of algebraic skills. Students use a variety of representations (concrete, numerical, algorithmic, and graphical) and tools as well as having regular access to technology that allows function plotting, coordinate graphing, algebraic analysis, and computation. This course addresses the essential knowledge and skills for second-year algebra and, therefore, is an excellent preparation for college entrance examinations (SAT, ACT, etc.) and further study in mathematics

**Grade Level:** 9, 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** Algebra I, can be taken concurrently with Geometry

**PreAP Algebra II:** The primary focus for students in this course is developing logical reasoning by making and justifying generalizations based on their experiences with fundamental as well as advanced algebraic concepts, especially functional relationships and problem solving in real situations. Building on the study of linear and quadratic functions from first-year algebra and the study of size, shape, location, and direction relationships from geometry, functional relationships are extended to include radical, rational, exponential, and logarithmic functions. These functions are examined in a variety of problem situations and form the basis for the study of equations and the development of algebraic skills. Students use a variety of representations (concrete, numerical, algorithmic, and graphical) and tools as well as having regular access to technology that allows function plotting, coordinate graphing, algebraic analysis, and computation. At an honors or pre AP level, this course addresses the essential knowledge and skills for second-year algebra at greater depth with a broader scope and a faster pace along with higher expectations for student performance. This course is an excellent preparation for college entrance examinations (SAT, ACT, etc.) and further study in mathematics and is designed for students who plan to take an advanced placement (AP) mathematics course in high school. \*Pre AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.

**Grade Level:** 10, 11

**Length of Course:** Year

**Pre-requisite:** Algebra I and Geometry

**PreAP Calculus:** In this course, students use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Students use functions, equations, and limits as useful tools for expressing generalizations and as means for analyzing and understanding a broad variety of mathematical relationships. Students also use functions as well as symbolic reasoning to represent



and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations. Students use a variety of representations (concrete, numerical, algorithmic, and graphical), tools, and technology to model functions and equations and solve real-life problems. At an honors or pre AP level, this course addresses the essential knowledge and skills for precalculus at greater depth with a broader scope and a faster pace along with higher expectations for student performance. This course is an excellent preparation for college entrance examinations (SAT, ACT, etc.) and further study in mathematics and is designed for students who plan to take an advanced placement (AP) mathematics course in high school. \*Pre AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.

**Grade Level:** 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** Algebra I, Geometry, and PreAP Algebra II

**AP Calculus AB:** In this course, students use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Students use functions, equations, and limits as useful tools for expressing generalizations and as means for analyzing and understanding a broad variety of mathematical relationships. This college-level course is designed to prepare students for the AB Advanced Placement examination in Calculus (one semester college credit) and introduces students to the major topics in introductory calculus: functions and graphs, limits and continuity, differential calculus, and integral calculus. \*AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.

**Grade Level:** 11, 12

**Length of Course:** Year

**Pre-requisite:** Algebra I, Geometry, PreAP Algebra II, and PreAP Calculus

## **ENGLISH LANGUAGE ARTS**

**English I:** English I is a year-long required course. The English I course will follow the curricular requirements as detailed in the Oklahoma Academic Standards. In this course, students will develop fundamental language skills through analytical reading, academic writing, public speaking, and critical thinking. The course includes studies of various genres: short story, poetry, novel, drama, non-fiction, and grammar mechanics & usage. This course is intended for the average student and focusses on preparing students for both college and the workforce.

**Grade Level:** 9

**Length of Course:** Year

**Pre-requisite:** None

**Pre-AP English I:** In addition to the requirements of the traditional English I curriculum and expectations, the ninth grade Pre-AP English classes are designed to prepare students for the demands of the eleventh and twelfth grade college-level Advanced Placement courses. The Advanced Placement Program® Course Description and Teacher's Guide published by The College Board describes a suitable candidate for Advanced Placement English as follows:

“Academically talented, imaginative students who read with finesse and write with clarity and style, who are curious and responsive to academic risk-taking, and who are not deterred by hard work.”

Thus, this course will require focus and effort well above that require in the traditional English I course. Students will be expected to complete consistent independent reading, more complex writing tasks, and nuanced grammar and style tasks. Summer Reading is required.

**Grade Level:** 9

**Length of Course:** Year

**Pre-requisite:** None

**English II:** This course expands and strengthens the skills developed in English I. In this course, students will engage in the careful reading and critical analysis of literature including short stories, poetry, drama, and novels. They will consider a work's structure, style, and theme, as well as identify smaller scale elements such as figurative language, imagery, symbolism, and tone. Students will intensively study representative works from various genres and periods, concentrating on works of recognized literary merit. Accompanying the literature study is a variety of writing, both formal and informal. Grammar is studied in conjunction with writing and perfected with practice.

**Grade Level:** 10

**Length of Course:** Year

**Pre-requisite:** None

**Pre-AP English II:** Pre-AP English II focuses on preparing independent, motivated students for Advanced Placement English and college English classes. The Pre-AP class is a rigorous course with increased expectations- a greater volume of independent and in-class reading and writing assignments with an emphasis on scholarly work that exhibits sophistication and insight, and high evaluation standards. This class exposes students to a world of multicultural literature through discussion and critical analysis of various genres. Assignments focus on the development of analytical thinking skills with an emphasis placed on writing exposition and communication skills through visual and verbal presentations. Summer reading and writing assignments may also be required.

**Grade Level:** 10

**Length of Course:** Year

**Pre-requisite:** None

**English III:** This course includes American literature chronologically organized from the Colonial period to present day. The literature includes short stories, plays, poetry, essays, speeches, and drama from the textbook and is supplemented by novels such as *The Scarlet Letter* and *The Jungle*. The curriculum is designed to address major themes and challenging ideas presented by well-known authors of the time period. In addition, reading comprehension, language mechanics, and vocabulary development are continually stressed and evaluated. Students study and assess the authors' use of literary elements to convey his/her message to the intended audience as well as the author's purpose for writing. Students regularly participate in group discussions and interactions where they are encouraged to connect literature to society today. Essay writing structure and process are covered, as well as the writing of a documented research paper.

**Grade Level:** 11

**Length of Course:** Year

**Pre-requisite:** English I & II

**AP Language and Composition:** An Advanced Placement course which is an introductory college level course for willing and able students. This course will engage students in rhetorical analysis of nonfiction texts and the development and revision of well-reasoned, evidence-centered analytic and argumentative writing. This senior level advanced placement class will provide challenges typical of an undergraduate university English Composition/Humanities course. This course is designed to comply with the curricular requirements described in the AP English Course Description, which names the course's main goals as developing critical literacy and facilitating informed citizenship.

Additionally, this course will prepare the student for the AP English Language and Composition examination given in May. The test determines the level of achievement compared with sophomores in college English classes. If a student earns a grade of 3 or above on the exam, he or she will be granted college credit at most colleges and universities through the country. The specific skills required to pass this test include the following: critical inquiry, thoughtful deliberation, logical argument, complex reading, coherent writing, and articulate speaking. Students are not required to take the AP examination in May although I hope that they will. Students will receive credit for the class whether or not they take the exam. Summer Reading is required.

**Grade Level:** 11, 12

**Length of Course:** Year

**Pre-requisite:** English I & II

**English IV:** This course is a chronological survey of British literature beginning with the Anglo-Saxon period and concluding with works from twentieth century British authors. Selected works from the major authors of each literary period will be read and discussed, including poetry, novels, short stories, essays, and drama with the goal of analyzing these works as to their literary and historical significance, determining their themes, purposes, and rhetorical features. Background material concerning each time period and its culture will be presented to aid the students in their understanding of the literature. Students will study the process of essay writing and write essays for a variety of purposes, including expository, narrative, descriptive, and persuasive writing. Students will also study the process of writing a documented literary analysis in the research paper assignment. Within these literature and essay studies, students will continue to work with grammar, usage, mechanics, and vocabulary study.

**Grade Level:** 12

**Length of Course:** Year

**Pre-requisite:** English I, II, and III

**AP Literature and Composition:** An Advanced Placement course is an introductory college level course for willing and able students. This course will engage students in the careful reading and critical analysis of imaginative literature. This senior level advanced placement class will provide challenges typical of an undergraduate

university English Literature/Humanities course. This course is designed to comply with the curricular requirements described in the AP

English Course Description. Additionally, this course will prepare the student for the AP English Literature and Composition examination given in May. The test determines the level of achievement compared with sophomores in college English classes. If a student earns a grade of 3 or above on the exam, he or she will be granted college credit at most colleges and universities through the country. The specific skills required to pass this test include the following: literary analysis of selected prose and poetry, analytical writing, application of analytical skills in major novels or other major literary works. Students will consider a work's structure, style and themes as well as smaller elements such as the use of imagery, symbolism, figurative language, and tone. Students are not required to take the AP examination in May although I hope that they will. Students will receive credit for the class whether or not they take the exam. Summer Reading is required.

**Grade Level:** 11, 12

**Length of Course:** Year

**Pre-requisite:** English I & II

## SCIENCE

**Physical science** is an introduction to a nonliving science. We will learn that science is very dynamic and constantly changing. We will learn such topics as interactions and characteristics of matter (chemistry) and the interactions and characteristics of force and motion (physics).

**Grade Level:** 9

**Length of Course:** Year

**Pre-requisite:** Entry level 9<sup>th</sup> grade course

**Biology:** This general introductory-level biology course offers a broad survey of basic concepts. Topics touched upon include cell theory, energy in living systems, cellular reproduction, DNA/RNA/protein synthesis, genetics, evolution and natural selection, classification/taxonomy, and ecology/environmental science. The format is hands-on activities, laboratory exercises, and student directed projects with supporting lecture. This course prepares the student for the Biology End-of-Instruction exam required by the State of Oklahoma.

**Grade Level:** 9, 10

**Length of Course:** Year

**Pre-requisite:** 10<sup>th</sup> grade science

**Pre-Advanced Placement (Pre-AP) Biology:** Pre-AP Biology is an introductory course taught in two semesters of high school. The primary objective of the course is to provide students with a fundamental understanding of biological principles and processes. This course will prepare students for the college level AP Biology course to follow and will lay the foundations for the AP Biology Big Ideas: 1) Evolution 2) Energy 3) Information 4) Ecology

**Prerequisite:** Physical Science

**Grade Level:** 9, 10

**Length of Course:** Year

**Pre-requisite:** 10<sup>th</sup> grade science

**Advanced Placement (AP) Biology:** AP Biology is a college level course for motivated high school students who have completed one year of introductory high school biology. It is the equivalent of the first two semesters of introductory college biology and is intended to prepare them with in-depth biological knowledge sufficient to prepare them for the AP Biology exam. A passing score on the AP exam is often accepted at higher learning institutions for college credit (see [apstudent.collegeboard.org](http://apstudent.collegeboard.org) for information). AP Biology covers 4 main biological principles and processes: 1) Evolution drives diversity 2) Biological systems utilize energy 3) Information is essential to life processes 4) Biological systems interact

**Grade Level:** 9, 10

**Length of Course:** Year

**Pre-requisite:** Pre-AP Biology or 10<sup>th</sup> grade Science

**Chemistry I:** The nature of chemistry is a dynamic science in a process of continual discovery. New research leads to new applications of chemistry in other fields of science. This is why chemistry is the “central science”. Throughout this course, an emphasis will be placed on conceptual understanding. Many concepts will be reviewed such as states of matter, stoichiometry, chemical bonding and electronic structure of atoms to name a few. Other new topics will be gases, thermochemistry, chemical equilibrium, intermolecular forces and thermodynamics.

**Grade Level:** 9, 10

**Length of Course:** Year

**Pre-requisite:** 10<sup>th</sup> grade science

**Chemistry II:** A continuation and reinforcement of theoretical principles of Chemistry I with emphasis on chemical equilibria, electrochemistry, kinetics, and a presentation of the properties and reactions of selected elements. Laboratory work is devoted to the analysis of systems involving the principles and concepts studied in the classroom. To the greatest extent possible, laboratory and lecture section assignments shall remain the same as for Chemistry

**Grade Level:** 9, 10

**Length of Course:** Year

**Pre-requisite:** 10<sup>th</sup> grade science

**Physics:** The basic concepts of physics are presented in this course. Physics is the basis of all science. Mechanics (study of motion) is the first concept presented in the fall semester. Then, each form of energy: heat, light, electric, and nuclear are covered as well as the basic structure of matter. As the energy relationships are developed, the conservation laws are demonstrated and problem solving skills are emphasized. Laboratory activities are required.

**Grade Level:** 11, 12

**Length of Course:** Year

**Pre-requisite:** Algebra II (can be concurrently enrolled in Algebra II)

**Environmental Science:** This course is a survey of the patterns and processes found in the natural world and how humans impact them. Major themes include: 1) Energy conversions underlie all ecological processes 2) The Earth itself is one interconnected system 3) Humans alter natural systems 4) Environmental problems have a cultural and social context 5) Human survival depends on developing practices that will achieve sustainable systems.

**Grade Level:** 11, 12

**Length of Course:** Year

**Pre-requisite:** Biology

**Anatomy and Physiology:** Anatomy is the study of structure and physiology is the study of function. These two approaches are used to broadly study the human body. Focuses include survival needs, maintaining life, homeostasis, body chemistry, and organ systems. Each chapter of the text is devoted to a different organ system and all systems are covered. Laboratory dissections are required.

**Grade Level:** 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** Biology

## **SOCIAL STUDIES**

**Oklahoma History:** This class is a semester long course which will cover prehistoric times, Oklahoma's involvement in the Civil War, and statehood. Students will be assessed on their knowledge of Oklahoma's people, heritage, development, physical features, and culture.

**Grade Level:** 9

**Length of Course:** Semester

**Pre-requisite:** None

**Government:** This course includes a study of the basic structure and processes of government in America. Students will study foundations of government, political life, legislative branch, executive branch, judicial branch, and aspects of state and local government. Students will demonstrate comprehension of the basic principles outlined in the United States Constitution. Students will be engaged in discussion of current political and social issues facing the Government of the United States. Civic participation and responsibility will be stressed throughout the completion of this course.

**Grade Level:** 9,12

**Length of Course:** Semester

**Pre-requisite:** None

**World History:** World History studies include the development of an understanding of the people and events that occurred during the Ancient, Medieval, and Modern eras. Although Egyptian, Greek, Roman and Western European heritage will be emphasized, the contribution of all cultures of the world will be viewed and discussed throughout the year. Also, the development of literacy skills will receive a great deal of emphasis throughout the school term.

**Grade Level:** 10

**Length of Course:** Year

**Pre-requisite:** None

**US History:** This course is intended to educate and provide skills to help students answer questions about U.S. History from the post-civil war era to the present (1865-2019). Students will begin by identifying effects of the Civil War and Reconstruction era, and examining the impact of immigration and the Westward Movement on American society. Students will transition to evaluate the economic effects of the Industrial Revolution and the changing role of the U.S. in world affairs at the turn of the twentieth century. This course will also describe the social, cultural, and economic events between the World Wars, investigate and analyze the Great Depression, and the causes, events, and effects of World War II. The course will continue through the withdrawal of the U.S. military from Vietnam through modern day national security.

**Grade Level:** 11

**Length of Course:** Year

**Pre-requisite:** None

**AP US History:** This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with issues in American history from the age of discovery through present time. Through the required text and outside documents, the student will develop skills necessary to arrive at conclusions



on the basis of an informed judgment and to present reasoning and evidence clearly in essay format. Students are expected to engage in class discussions in order to broaden their understanding of nuances in historical issues as well as to develop an understanding of the historical nature of issues discussed.

**Grade Level:** 11

**Length of Course:** Year

**Pre-requisite:** None

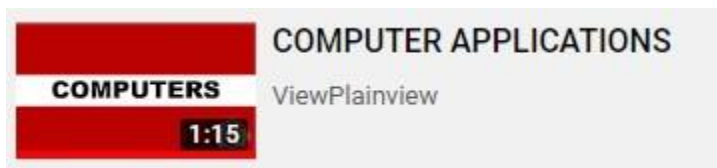
# COMPUTER TECHNOLOGY & BUSINESS EDUCATION

**Business Computer Applications I:** This class is designed to introduce Plainview High School students to the world of software and computer applications. Students will learn how to use Microsoft Office applications through class room lectures, demonstrations of using the applications, hands-on projects and lessons, and real-world examples to show the various benefits of being proficient in this subject. This class will also explore the close relationship between technology and modern society to see how computer technology benefits businesses, educational organizations, and government.

**Grade Level:** 9, 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** None



**Business Computer Applications II:** This class is designed to further the knowledge of Plainview High School students in the world of software and computer applications. Completing Computer Applications I is highly suggested before taking this course. Students will expand their use of Microsoft Office and Google Docs applications through: demonstrations of using the applications, hands-on projects and lessons, and real-world examples to show the various benefits of being proficient in this subject. This class will also explore the close relationship between technology and modern society to see how computer technology benefits businesses, educational organizations, and government.

**Grade Level:** 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** None

## **Computer Science Applications I**

This class is designed to introduce Plainview High School students to computer programming, mechanics and computer aided design software. Students will become proficient in programming languages such as JavaScript, C and C# through programming robots and drones and competing in regional and national competitions throughout the school year. Computer game programming and

database construction will also be covered. Students will learn to design and build robotic systems with CAD software and 3D printing.

**Grade Level:** 9,10, 11, 12

**Length of Course:** Year

**Pre-requisite:** None



## **FAMILY AND CONSUMER SCIENCES**

**Family and Consumer Science I, II, III, and IV:** A basic comprehensive instructional program designed to help prepare students for multiple roles as individuals and family members. Our focus is placed on leadership, decision making, consumer skills, personal and family relationships, parenting, health, nutrition, housing design, basic sewing and cooking skills. While in this class you are also presented with the opportunity to join or Family Career Community Leaders of America Organization, better known as FCCLA, to compete and network with other FCCLA members from around the country.

**Grade Level:** 9, 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** None



## **FINE ARTS**

**Art I - IV:** Students will learn basic drawing concepts including light and shade, line quality, rendering of form, composition, and illusion of depth. This course challenges students to explore styles of drawing and painting throughout art history. Students will be introduced to several 2D media and techniques including: graphite, charcoal, pastels, mixed media, watercolor, and acrylic. Emphasis will be placed on developing skills necessary for free-hand sketching, observational drawing, and

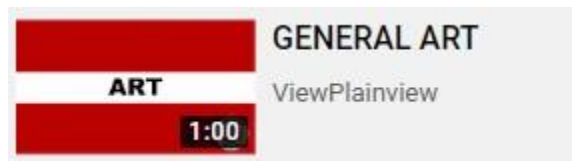
creative expression. Students will also incorporate these same skills into producing 3D works. Students will use clay as well as assemblage techniques to create original, well-designed works. Emphasis in 3D pieces will be on sculpting and assemblage processes. Students will develop skills to creatively solve design problems while communicating personal expressions in each artwork they create.

Elements and principles of design will be introduced and reinforced throughout the course in accordance with State and National Standards in the Visual Arts. This course emphasizes self-motivation, organizational skills, and time management skills.

**Grade Level:** 9, 10, 11, and 12

**Length of Course:** Year

**Pre-requisite:** None



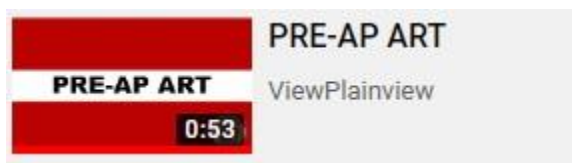
**Pre-AP Art (Drawing, 2D Design, and 3D Design):** This course is designed for all students who wish to further their artistic skills and knowledge of the arts and who have a serious interest in the fine arts. During the first semester, students continue the study of basic drawing, composition, painting, or sculptural techniques with more complex projects. During the second semester, students continue work from the first semester as well as work with additional media and techniques developing the breadth section of the AP Portfolio. Art history, aesthetics, and research are an important part of the Pre-AP program. This course emphasizes self-motivation, organizational and time management skills.

The elements and principles of design will be reinforced throughout the course in accordance with State and National Standards in the Visual Arts

**Grade Level:** 9, 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** Instructor Approval



**AP Studio Art:** The Advanced Placement Studio Art program enables highly motivated students to do college level work while in high school. This is one of the three most advanced visual arts courses available at the high school level. It is designed for students considering a future in the arts, as well as those who are serious about their art. This course emphasizes quality, concentration (a sustained development of an individual theme), and breadth (experience in a range of

approaches to art-making) of the students' work. Drawing addresses a very broad interpretation of drawing issues and media.

Students are expected to be self-motivated and to work 3-5 hours per week outside the scheduled class time. AP Art students are required to assemble a portfolio of original works to be submitted for the AP exam evaluation for possible college credit.

**Grade Level:** 11, 12

**Length of Course:** Year

**Pre-requisite:** Instructor Approval

**Music Appreciation:** The purpose of this course is to offer the study of music terminology and notation, music history, composers and their application in a nonperformance setting. Students experience a wide range of styles and cultures through research, listening, singing, playing, and creating of music of the past to the present. Homework is rare as students participate in group activities, complete individual assignments and listen, discuss and create during the class period each day.

**Grade Level:** 9

**Length of Course:** Year

**Pre-requisite:** None

**Varsity Chorus:** This is for our most advanced and most focused vocal students. Singers will perform a variety of choral literature with an emphasis on art music but also including pop, Broadway, and jazz. Proper solo and choral singing technique and sight-reading are emphasized. Performance requirements include choral competitions, festivals, community events, and concerts. Participation in all performances including the biannual musical is required. Students enrolled in this class will be strongly encouraged to audition for all-district and all-state honor choruses. A high level of commitment is expected. Evening rehearsals are required. Audition consists of vocalization and the student's vocal part on our national anthem.

Uniform is required. Students are expected to participate in a fundraiser to purchase uniforms. Students are responsible for black dress shoes and appropriate hosiery.

**Grade Level:** 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** Admission by teacher approval or audition only



**Freshman Chorus:** The development of the voice through proper vocal technique and the singing of choral literature will be the focus. Students study a variety of musical styles. Sight-reading, part-singing, and musicianship are practiced and demonstrated through performance in competitions, concerts, and community events. Singers will have the opportunity to audition for all-district and all-state choruses. Rehearsals are sometimes held outside of class time and are required of all students enrolled in the course.

Uniform is required. Students are expected to participate in a fundraiser to purchase uniforms. Students are responsible for black dress shoes and appropriate hosiery.

**Grade Level:** 9

**Length of Course:** Year

**Pre-requisite:** Admission by audition or teacher approval

**Marching/Concert Band:** This class uses traditional and modern techniques of instrumental performance and marching fundamentals to create a performing ensemble that participates in many invitational, regional, district, and state competitions, as well as athletic events and community performances. Students must be enrolled in both semesters of the class.

Students are encouraged to audition for district and state honor bands, as well as solo/ensemble competitions. Color guard is an extension of the marching band. Membership will be determined by auditions. Students participating in color guard must be able to play a band instrument.

**Grade Level:** 9, 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** Three successful years of band in middle school or band director approval.



### **Jazz Band:**

Jazz Band is an ensemble class that focuses on the basics of jazz, including jazz style, improvisation, and jazz literature. We also spend time listening to major jazz artists. The group performs at some basketball games and community events, as well as invitational and State Jazz Contests. There are also opportunities for honor jazz bands as well.

**Grade Level:** 9, 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** Instructor Approval

# FOREIGN LANGUAGE

**Spanish I:** Spanish 1 is an introductory course with the main goal of providing a balanced focus on the listening, speaking, reading, and writing skills. Students will learn to talk about themselves, their family and friends, their activities at school and during leisure time, their likes and dislikes, food, home, and the chores that they do at home. The purpose of learning Spanish is to communicate with the people who speak the language and to understand their cultures. Therefore, in this course students will also study about the Spanish culture through a wide range of practices, products, and perspectives.

**Grade Level:** 9, 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** None



**Spanish II:** Spanish 2 builds on the basic Spanish vocabulary and structures learned in Spanish I in order to strengthen self-expression and basic communication skills. Listening comprehension, speaking, reading, and writing skills are further developed through expanded application of vocabulary and the use of other tenses. Spanish is the language of the classroom, with use of English being limited to explanation of grammar and clarification of instructions when needed. Communication is made relevant to the students by using youth-related themes and by personalizing content. Students will expand their knowledge of the Hispanic culture through cultural themes that are interwoven in each unit. In Spanish 2 there is a continued emphasis on oral proficiency, and increased stress on spontaneous use of the language through communicative activities and situational dialogues.

**Grade Level:** 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** Spanish I

# LEADERSHIP

**Mentor:** This year-long elective course is designed for High School juniors and seniors as an opportunity for community service. The service placements include mentoring and tutoring Plainview kindergarten students. Students will spend each day with their buddy working on the goals set forth by their classroom teacher to recognize letters, letter sounds, sight words, counting, and eventually reading. Class assignments including writing about mentoring, tutoring methods, group activities, and keeping a log book of time spent at the elementary school. Kindergarten student placement occurs in September.

**Grade Level:** 11, 12

**Length of Course:** Year

**Pre-requisite:** Teacher Recommendation and Application Required

**Leadership:** Students study all aspects of leadership; self-awareness, leadership theories and styles, communication, organization, group processes, problem solving, and evaluation. The skills learned in class are used in class, school and community projects.

**Grade Level:** 9-12

**Length of Course:** Year

**Pre-requisite:** None



# YEARBOOK

**Yearbook:** This course is designed to explore all facets of producing a yearbook. Photography, layouts, caption writing, proofing, editing, and overall thematic designed will be studied. Writing ability is important but qualities such as dependability, ability to make deadlines, and willingness to work independently are also important. Video production skills are not required but are helpful. Producing an award-winning, student- accepted yearbook is the ultimate goal of this course. Must have instructor approval.

**Grade Level:** 9, 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** None





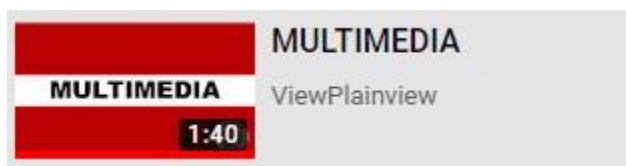
## AUDIO/VISUAL

**Multimedia Journalism:** This course emphasizes multimedia storytelling and modern reporting in a collaborative project-based environment. Students will gain experience combining text, photographs, video clips, audio, and graphics to encourage audience engagement. The course promotes understanding of the evolving media landscape as students aim to produce professional-grade multimedia stories featuring Plainview High School student life and achievement.

**Grade Level:** 10,11, 12

**Length of Course:** Year

**Pre-requisite:** Teacher Recommendation Required



## MISCELLANEOUS

### **Learning Lab**

This course is a student motivated, self-paced, online curriculum. The student works at own pace to achieve graduation credits. Credits earned are dependent on an individual student basis. The instructor monitors progress of each student as they progress through their curriculum classes initiated by the online course.

**Grade Level:** 9, 10, 11, 12

**Length of Course:** Year

**Pre-requisite:** Instructor Approval

**Personal Finance:** This course will introduce many areas that will help enhance financial security: understanding ways to maximize one's earnings potential, developing strategies for managing financial resources, exploring skills for the wise

use of credit and discovering ways to manage risk are some of the topics that will be covered.

**Grade Level:** 11,12

**Length of Course:** Semester

**Pre-requisite:** None

# PHYSICAL EDUCATION & ATHLETICS

**Competitive Athletics:** Competitive athletics offers students the opportunity to represent the school in athletic events. Students are required to practice and participate at times assigned by the coach and to provide their own transportation home following practice. Students compete in football, basketball, wrestling, cross-country, track, softball (slow and fast pitch), baseball, and golf.

**Grade Level:** 9, 10, 11, 12

**Length of Course:** Year

**Prerequisite:** Coaches approval to be in athletics

**Physical Education (P.E.):** The purpose of this course is to introduce boys and girls to a curriculum that is enriching and motivating to all students at all fitness levels and abilities.

This course will help students learn to make good lifetime health and fitness choices. The emphasis will be on cooperation, acceptance, and the joy of participation rather than on competition. The following units will be covered: fitness and fitness activities, innovative games, tennis, badminton, basketball, volleyball, flag football, Frisbee, and an introductory to weight training/strength and conditioning.

Since students grades are based on class participation, all students are expected to partake in every activity with great effort and attitude every day.

**Grade Level:** 9

**Length of Course:** Year

**Pre-requisite:** None



## **College and Career Guidance Information**

**Scholarships** are available to those students who have achieved excellence in academics and also score high on a College Entrance Examination. There are also special scholarships for those who have an outstanding talent, such as athletics, music, art, etc. All scholarships available through the school will be posted in the counselor's office and on the Plainview website: [www.plainview.k12.ok.us](http://www.plainview.k12.ok.us) Click on the "schools" tab and then click on "high school". On the left hand side scroll down to the "counselor's office" link and click. This page will list upcoming opportunities for high school students. At the bottom of the page will be "calendar links" listing upcoming events including scholarships, tests, and important dates.

**OKCollegeStart.org** is the state's official website that provides information about higher education in Oklahoma for students, counselors, and parents. It is designed to be the most comprehensive and current source for college planning for Oklahoma students. Together, students and parents can explore colleges and careers, develop a plan to prepare for life beyond high school, and apply for colleges and financial aid/scholarships.

**Oklahoma Career Guide** - an easy online tool available for all Oklahomans to explore and guide their future. You can take assessments, identify occupations, establish education plans and, ultimately, connect to employers. Whether you are a student searching for career and college options or an adult looking for a new career path, OK Career Guide is the powerful tool to provide all the career and educational resources you will need to chart your course for the future.

**Oklahoma's Promise** allows eighth-, ninth- or 10th-grade students from families with an income of \$55,000 or less to earn a college tuition scholarship. Students must also meet academic and conduct requirements in high school. Created in 1992 by the Legislature to help more Oklahoma families send their children to college, Oklahoma's Promise was originally designated as the Oklahoma Higher Learning Access Program. The program is administered by the Oklahoma State Regents for Higher Education. Visit [www.okhighered.org/okpromise](http://www.okhighered.org/okpromise) for more information.

The Oklahoma College Assistance Program (OCAP), formerly known as the Oklahoma Guaranteed Student Loan Program, provides college access, aid awareness, financial literacy and student loan management programs and services that benefit students, parents, schools and community partners. An operating division of the Oklahoma State Regents for Higher Education founded by the State Legislature in 1965, we've served as Oklahoma's designated guarantor for the Federal Family Education Loan Program (FFELP) for more than 50 years.

*(Information found within this catalog is only a guide and should not be the sole determining factor of any decision that is made)*

(April 2, 2019)