

Graduation Requirements

To graduate from Osan American High School students must earn 24 credits divided among the following subject areas. Beginning with the class of 2008, an additional two units will be required for graduation, for a total of 26 required credits.

Beginning with the class of 2007 a cumulative grade point of average of 2.0 will be required for graduation in addition to the 24 units listed below.

<u>SUBJECT AREA</u>	<u>CLASS OF 2008 and Beyond</u>
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English/Language Arts	4 credits
Mathematics	3 credits
Science	3 credits
Social Studies	3 credits
Foreign Language	2 credits
Fine Arts	1 credits
Prof. Technical Studies	2 credits+
Physical Education	1.5 credits
Health	0.5 credits
Electives	6 credits
TOTAL	26 credits

* Students must earn 3 credits in math including algebra and geometry.

** Fine Arts include art, music, humanities, and drama.

+Professional Technical Studies combines computer and career education requirements from previous years. Professional technical studies include JROTC, business education, computers, cooperative work experience and Senior Transitions (an OAHS requirement).

Weighted Grades

Advanced Placement (AP) courses will earn an additional quality point upon completion of the AP exam. No other courses earn weighted grades

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Subject area codes are listed for all high school courses:

G – meets graduation requirements in these subject areas		
GC – Computer	GM – Math	EL – Elective
GE – Social Studies	GF – Fine Arts	GP – PE
GG – US Government	GH – Health	GV – Careers
GL – Language Arts	GU – US History	
GS – Science	GD – Second Language	

ENGLISH/LANGUAGE ARTS

Language Arts 7 LAE 101

**Length of Course: 36 weeks
Grade Level: 7**

The Language Arts 7 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to, developing an understanding of listening responsibility, a tolerance for other points of view, using standard English, developing an appreciation for the importance of speech, practicing the process of composition, using proofreading skills, using the media center research facilities, and reading books to develop personal reading as a useful and pleasurable activity.

Language Arts 8 LAE 201

**Length of Course: 36 weeks
Grade Level: 8**

The Language Arts 8 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to, writing notes from information received; developing an awareness of sexism, racism, and age bias in material; discriminating among fact, opinion, assumption, and inference in spoken and written language; writing coherently; practicing the process of composition, including prewriting, drafting, revising, proofreading and publishing; identifying literary terms; using parts of speech correctly in spoken and written form; and reading books to develop personal reading as a useful and pleasurable activity.

Language Arts 9 LAE 301 (GL)

**Length of Course: 36 weeks
Grade Level: 9**

The Language Arts 9 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to, preparing oral reports in various content areas; using the dictionary and thesaurus to develop an increasingly comprehensive and precise vocabulary; practicing the process of composition, including prewriting, drafting, revising, proofreading, and publishing; identifying with literary characters and how their emotions reflect the student's own actions and emotions; and reading.

Honors Literature 9 LAE 371 (GL)

**Length of Course: 36 weeks
Grade Level: 9**

Must be taken in conjunction with Honors World History 9

The Honors English 9 course is designed to go beyond the skills of recognition, fact gathering, and recall to use higher-level thinking processing skills that emphasize critical reading, analysis, synthesis, and evaluation. In both form and subject, the literature selected for study will be challenging for even the most capable students. The class is distinguished by a difference in the quality of the work expected as well as in quantity and is a demanding study of traditional literary genres, which examines literature both as a springboard for critical thinking and a model for writing. Vocabulary development, language usage, and correct grammatical usage will be stressed. English teacher recommendation and departmental screening required.

Language Arts 10 LAE 401 (GL)

**Length of Course: 36 weeks
Grade Level: 10**

The Language Arts 10 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to outlining or mapping main ideas and details of information; using vocabulary and sentence structure appropriate to the listener and the situation; writing a paraphrase, summary, or précis; writing compositions; understanding, and explaining the type of conflict in a given literary selection; experiencing a wide range of literary forms; using the media center research facilities; and reading.

Honors Literature 10 LAE 471 (GL)

**Length of Course: 36 weeks
Grade Level: 10**

Must be taken in conjunction with Honors World History 10

The Honors English 10 course is designed to go beyond the skills of recognition, fact gathering, and recall to use higher level processing skills that emphasize critical reading, analysis, synthesis, and evaluation. The literature selected for study will be challenging for even the most capable students. The class is distinguished by a difference in the quality of the work expected as well as an increase in quantity. It is a demanding study of world literature, which examines literature not only as a springboard for critical thinking but also as a model for writing. Vocabulary development, language usage, and correct grammar will be stressed. The development of discussion and presentation skills will focus on analysis, interpretation, and evaluation. English teacher recommendation and departmental screening required. *This class does not earn a weighted grade.*

Language Arts 11 LAE 501 (GL)

**Length of Course: 36 weeks
Grade Level: 11**

The Language Arts 11 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to developing an increasingly comprehensive vocabulary; inferring conclusions; writing essays responding to social, political, and literary concepts; writing compositions of more than one paragraph using narration, exposition, and or description; recognizing and understanding the use of literary and stylistic devices; experiencing a wide range of literary works written in the United States, and reading self-selected books to develop personal reading as a useful and pleasurable activity.

AP English Language LAC 614 (GL)

**Length of Course: 36 weeks
Grade Level: 11-12**

Preparation: Language Arts 10 and teacher recommendation

The AP English 11 course emphasizes college level composition skills. The course will explore advanced non-fiction writing techniques and students will read a variety of materials at the college level. Students will study advanced forms of rhetoric typically found in a freshman level college composition class. The student must have a solid background in writing and the desire to be challenged. Students will take the standardized AP Language/Composition test in May.

**Language Arts 12
LAE 601 (GL)**

The Language Arts 12 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to, recognizing how continued development of communication skills can enhance one's future career and leisure activities, using computer technology as an aid in writing compositions (where hardware is available); writing compositions; writing in a clear and personal style; responding to literary masterpieces which are the common heritage of all people; engaging in perceptive reading and critical analysis of English literature; engaging in discussions of philosophical questions as revealed in literary works.

**Length of Course: 36 weeks
Grade Level: 12**

**AP English Literature
LAL 613 (GL)**

Preparation: Language Arts 11 and teacher recommendation

The AP English Literature 12 course is designed to explore systematically and analyze critically the chronological evolution of literature from early myths and legends to the 20th century. Each quarter is used to study representative works showing the change in techniques, thoughts, and style through each significant period. Students will take the standardized AP Literature/Composition test in May.

**Length of Course: 36 weeks
Grade Level: 12**

**Language Arts Lab
LAE 305,405,505,605 (EL)**

The Language Arts Lab course is designed to improve reading, writing, speaking, and listening skills of students not achieving at grade level. Students will learn by: connecting text to prior knowledge, understanding text structure to analyze and respond to literature, using text processing strategies “before”, “during”, and “after” reading to build a foundation for a text, make sense of reading as it occurs, and to synthesize, apply, evaluate, or bridge understanding. Students will increase skill and confidence in writing by using the Writing Process...prewriting, drafting, revision, editing, and publishing, practicing timed writing, taking notes on literature, reflecting, discussing, and evaluating writing assignments. Students will increase confidence and ability to articulate and support ideas by engaging in both formal and informal presentations and learning how to be active listeners.

**Length of Course: 36 weeks
Grade Level: 9-12**

**English as a Second Language
(ESL) LAA 101**

**ESL-Beginning Communication LAA 301
ESL-Developing Communication LAA 401
ESL-Expanding Communication LAA 501
ESL-Bridging Communication LAA 601**

The English as a Second Language courses are designed to strengthen the English language skills of students who speak other languages, including the skills of listening, reading, speaking, and writing. The content includes, but is not limited to: listening to English to practice comprehension, verbalizing experiences orally, practicing the process of composition, and developing verbal skills necessary for the world of work and/or post-secondary education.

**Length of Course: 36 weeks
Grade Level: 7-8
Grade Levels: 9-12**

**Speech
LAS 401 (EL)**

This course is designed to prepare students to create speeches that reflect careful thought in planning, organization, and delivery. The content includes, but is not limited to, identifying the purpose and audience for the speech; selecting the general topic and refining to a specific topic; making a statement of the thesis; selecting appropriate resources and information; outlining; creating a bibliography; selecting main points and supporting information; preparing the appropriate visual aids; modifying information for a particular audience; writing introductions and conclusions; using appropriate delivery techniques; evaluating delivery, content, and pattern of organization using specified guidelines; delivering oral or written critiques; and evaluating a speech according to established criteria.

**Length of Course: 18 weeks
Grade Level: 9-12**

**Journalism I
LAJ 401 (EL)**

The study of journalism will introduce students to the problems and opportunities present in mass media today. The content includes, but is not limited to, choosing and using appropriate writing techniques in preparing publishable material, utilizing accepted techniques in the preparation of journalistic material and recognizing ethical issues in the practice of journalism. This is a repeatable course.

**Length of Course: 18 or 36 weeks
Grade Level: 9-12**

**AVID
LAV 101
LAV 301, 401, 501, 601 (EL)**

AVID is not an open elective program. Students are admitted to the program only after teacher recommendation and screening by the AVID committee.

Major Concepts/Content: AVID (Advancement Via Individual Determination) is a language arts based curriculum with emphasis on the writing process and writing as a tool of learning. In addition to inquiry and collaboration, AVID also provides students with academic survival skills, i.e., time management, note taking, textbook reading, library research, test taking skills, study skills. The Cornell note-taking system is taught and students are expected to use this system in all classes.

**Length of Course: 36 weeks
Grade Level: 7-8
Grade Level: 9-12**

**Reading Lab
RED 105/205
RED 305, 405, 505, 605 (EL)**

This course is designed to improve reading achievement for students not reading at grade level through the use of a whole group instructional model with small group rotations including Literacy instruction with technology support providing models and Lexile leveled text passages for instruction. Modeled and independent reading using leveled literature to model or practice good reading strategies will be provided.

**Length of Course: 36 weeks
Grade Level: 7-8
Grade Level: 9-12**

MATHEMATICS

Mathematics 7 MAM 101

**Length of Course: 36 weeks
Grade Level: 7**

The standards and expectancies for Mathematics 7 place emphasis on solving real life problems involving ratios, percents, proportions, probability, statistics, and rational numbers. Students formulate, write, and defend real world problems involving multi-step operations. A strong emphasis on mathematical concepts and understanding also supports the development of problem solving. Students will be actively engaged, using tools and appropriate technologies such as calculators and computers. Students will be encouraged to explain, summarize, analyze, design, and evaluate mathematical ideas in writing and discussion.

MS Math Support MAS E01

**Length of Course: 36 weeks
Grade Level: 7-8**

This class will support and reinforce the basic arithmetic and algebraic concepts taught in Math 7 and Math 8 courses. Students will build on their problem solving experiences to further develop their deductive and inductive reasoning skills and methods of justifications. A variety of applications and some general problem-solving techniques will be used.

Mathematics 8 MAM 201

**Length of Course: 36 weeks
Grade Level: 8**

The standards and expectancies for Mathematics 8 places emphasis on core concepts of algebraic and geometric reasoning. Students will be involved in investigations and demonstrate understanding in the areas of data analysis, the mathematics of chance, fractal geometry and chaos theory, and functions. A strong emphasis on mathematical concepts and understanding also supports the development of problem solving. Students will be actively engaged, using tools and appropriate technologies such as calculators and computers. Students will be encouraged to explain, summarize, analyze, design, and evaluate mathematical ideas in writing and discussion.

Algebra I MAA 201C MAA 301 (GM)

**Length of Course: 36 weeks
Grade Level: 8
Grade Level: 9-12**

This course may be the most common entry-level course for students who have had a rich and varied middle level mathematics program. It expands upon basic algebraic concepts previously acquired and integrates those principals with everyday life. Students will use formulas, functions, and equations to describe and clarify relationships as well as solve first and second degree equations and use functions to model real-world phenomena. Students will have access to calculators at appropriate times. Cooperative learning and appropriate technologies are utilized throughout the course. This course generally follows middle school mathematics or an introductory math class offered in grades 9 through 12. A passing score on the diagnostic test is required for 8th grade students taking this course

Algebra I Lab MAA 305 (EL)

**Length of Course: 36 weeks
Grade Level: 9-12**

This class will support and reinforce the basic algebraic concepts taught in the Algebra I, MAA 301 course. Students will have additional opportunities to learn how to write and translate expressions into mathematical forms, solve first and second degree equations, and use the concept of a function to model real-world phenomena. They will also expand their problem solving experiences to further develop their reasoning, representation, connections, and communication skills.

Geometry MAG 401 (GM)

**Length of Course: 36 weeks
Grade Level: 9-12**

Preparation: Algebra I

This course is designed to develop and promote student reasoning and problem solving involving geometric concepts and properties. Students will learn how to plan, organize, and complete various forms of proofs using deductive reasoning. Students will have access to calculators at appropriate times. This course involves inductive reasoning, extended projects, classroom presentations by students, open-ended investigations, and written justification by students of the solutions to problems.

Geometry Lab MAG 405 (EL)

**Length of Course: 36 weeks
Grade Level: 9-12**

This class will support and reinforce the basic geometric concepts taught in the Geometry, MAG 401 course. Students will have additional opportunities to develop two- and three-dimensional reasoning skills, to understand coordinate and transformational geometry, trigonometric relationships, and to use geometric models to solve problems. They will build on their problem solving experiences to further develop their deductive and inductive reasoning skills, and methods of justifications. A variety of applications and some general problem-solving techniques will be used, including algebraic skills.

Discrete Math MAZ 501 (GM)

**Length of Course: 36 weeks
Grade Level: 10-12**

Preparation: Algebra I & Geometry

Discrete Math embraces several topical areas of mathematics, some of which go back to early stages of mathematical development while others are more recent additions to the discipline. This course is the study of mathematical properties of sets and systems that have a countable number of elements. *Discrete Mathematics* can be viewed as the mathematics necessary for decision making in non-continuous situations. It has many practical applications that are useful for solving some of the problems of our society and affords students the opportunity to be able to function as informed citizens in an increasing technological society.

**Math Lab III
MAA 405 (EL)**

This class will support and reinforce upper level mathematics courses such as Algebra II or Discrete Mathematics. Students will have additional opportunities to build on their problem solving experiences to further develop their reasoning skills, and develop methods of justifications. A variety of applications and some general problem-solving techniques will be used.

**Algebra II
MAA 401 (GM)**

Preparation: Algebra I, completion of Geometry is recommended.

This course will help students to view algebra as a language of modeling the real world through problem solving and using the language of mathematics. Students will study linear equations and inequalities, systems of linear equations, matrices and determinants, quadratic equations and relations, functions and graphs, powers, roots and radicals, exponential and logarithmic functions, polynomials and polynomial functions, rational expressions and functions, sequences and series, probability and statistics, and circular trigonometric functions. Students will have access to calculators at appropriate times.

**Math Analysis
MAD 501 (GM)**

Preparation: Algebra II

This course will involve students in units and topics of study of operations with functions and equations, circular functions, vectors, applications of matrices, complex and polar coordinates, recursion, advanced proof ideas, rates and areas, statistical inference, algebra and algorithms. Reasoning in trigonometry, probability, discrete math, structure, and the conceptual underpinnings of calculus is a major emphasis in this course.

**AP Calculus
MAC 612 (GM)**

Preparation: Math Analysis and teacher recommendation

The Calculus class is designed to provide a review of trigonometry; to present the differentiation of sines, cosines, and functions of one variable; methods of integration, the definite integral and its applications, transcendental and hyperbolic functions, and topics in plane analytic geometry, polar coordinates, vectors, parametric equations, infinite series and differential equations. Students will take the standardized AP Calculus AB test in May.

**Length of Course: 36 weeks
Grade Level: 10-12**

**Length of Course: 36 weeks
Grade Level: 9-12**

**Length of Course: 36 weeks
Grade Level: 11-12**

**Length of Course: 36 weeks
Grade Level: 12**

SCIENCE

**Science 7
SCG 102**

The Science 7 course is designed to provide students with an integration of the four primary science disciplines: biology, earth science, chemistry, and physics. Science 7 integrates the various disciplines in a thematically organized framework. The various topics the students will study include light, water, ecology, motion, geology, and plant and animal life. Teaching strategies include demonstrations, discussions, investigations, and hands-on activities.

**Length of Course: 36 weeks
Grade Level: 7**

**Science 8
SCG 202**

The Science 8 course is designed to expand the students' awareness of content and process in the integrated study of the life, earth, and physical sciences. This course includes: energy, systems and interactions, scale and structure, stability and change, and patterns. Scientific properties are logically integrated. Teaching strategies include demonstrations, discussions, investigations, and hands-on activities.

**Length of Course: 36 weeks
Grade Level: 8**

**Physics Apps in the Community
SCP 302 (GS)**

This Introduction to Physics course is designed to provide exposure to many current discoveries, events, and theories with the purpose of supporting the student in developing hypotheses – various ways of looking at evidence – as the natural phenomena of the physical universe is explored. The curriculum is discovery-based and activity/project oriented, with an emphasis on space more than earth. Some Algebra is involved.

**Length of Course: 36 weeks
Grade Level: 11**

**Biology I
SCB 401 (GS)**

The Biology I course is designed to introduce the study of living things. Therefore, the understanding of life and life processes depends on mastering the unifying principles and concepts applicable to all life forms. Topics are studied from the simplest to the most complex levels of biological organization. The life processes of organisms from different kingdoms are compared so that adaptations necessary to carry out life functions can be understood. Some topics studied throughout the year include classification of plants and animals; characteristics of life, heredity, and evolution; diversity within the plant and animal kingdoms; simple organisms; and biological influences on the environment. Departmental recommendation is required for 9th grade students.

**Length of Course: 36 weeks
Grade Level: 9**

AP Biology***Class offered every *other* year.****SCB612 (GS)**

The AP Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. After showing themselves to be qualified on the AP Examination, some students, as college freshmen, are permitted to undertake upper-level course in biology or to register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory-science course and be able to undertake other courses to pursue their majors

Length of Course: 36 weeks**Grade Level: 11-12****Chemistry Applications in the Community******SCC 502 (GS)**

Chemistry Applications in the Community is an entry-level course designed to help students understand the chemistry behind some important societal issues. Information is presented in an integrated approach with science as inquiry, science & technology, science & social perspectives, and the history and nature of science. Students study basic concepts of chemistry, while integrating physical concepts with societal issues.

Length of Course: 36 weeks**Grade Level: 10****Chemistry I****SCC 501 (GS)****Preparation: Successful completion of Algebra I**

The Chemistry I course is designed to introduce the study of chemistry topics such as atomic theory and structure, chemical bonding, principals of chemical reactions, and molecular structure. Instructional activities include fundamental chemistry concepts that will be introduced early in the course, then developed and utilized later as the student becomes more confident with the concepts being introduced. Laboratory experiments will be used to introduce topics. Major emphasis will be placed on problem solving. Exercises, questions, lab activities, and problems will be assigned regularly so that the fundamental concepts will be used deliberately and pointedly.

Length of Course: 36 weeks**Grade Level: 10-12****AP Chemistry****SCC612 (GS)****Preparation: Successful completion of Chemistry and teacher recommendation.**

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, as a college freshman, second-year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses.

Length of Course: 36 weeks**Grade Level: 11-12****Physics I****Length of Course: 36 Weeks****SCP 501 (GS)****Preparation: Successful completion of Algebra I and Geometry**

The Physics I course is designed to provide an understanding of the physical laws fundamental to all sciences. Basic concepts and ideas about matter and energy illustrate how these basics clarify more complex concepts. These basics are introduced to students in a logical sequence. Laws of mechanics, forces, and motion are developed as well as problem-solving techniques. Subsequent topics depend upon this development of mechanics to further develop other natural laws. Some topics covered in physics are: heat, measurement, forces and motion, wave theory, sound, light, magnetism, electricity, atomic structure, nuclear reactions, and high-energy physics.

Grade Level: 11**AP Physics* (NOT offered this year)*****Class offered every *other* year.****SCB 612 (GS)****Preparation: Successful completion of Physics and teacher recommendation**

The course description for Advanced Placement Physics published by College Board is to be utilized for this course. AP Physics is comparable to at least one semester of freshman college physics. Students will take the scheduled AP Physics exam in May.

Length of Course: 36 weeks**Grade Level: 11-12****Environmental Science******SCZ 401 (GS)**

Environmental Science is designed to be an elective course for students with a special interest and high motivation for an in-depth study of environmental science. The course integrates unifying science concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium, and form & function. Topics students study include, but are not limited to, the laws of matter and energy, ecosystem analysis, population dynamics, renewable and nonrenewable resources, human impact on the environment, and the relationships among economics, politics, ethics, and the environment.

Length of Course: 36 weeks**Grade Level: 11-12******Class subject to change due to enrollment.****Earth & Space Science ******SCZ 302 (GS)**

Earth and Space Science is designed to help students understand the world around them and increase their ability to evaluate that world. Information is presented in an integrated approach with science as inquiry, science & technology, science & social perspectives, and the history & nature of science. The course integrates unifying science concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium; and form & function. Scientific inquiry and understanding about inquiry are emphasized through practical implications and meaningful applications. Topics students' study includes geology, astronomy, meteorology, oceanography, and ecology.

Length of Course: 36 weeks**Grade Level: 9-12**

SOCIAL STUDIES

World Geography 7 SSC 101

**Length of Course: 36 weeks
Grade Level: 7**

The World Geography 7 course is designed to build on the background of geographical and cultural studies presented in the elementary curriculum. Students begin to look in-depth at given regions of the world with an emphasis on physical geography. The course of study places emphasis on the following regions: North and South America, Western Europe, Africa, Australia, and the Pacific world. Students will study earth movement and forms from globes, use maps and graphs to study geographic patterns, and research information on major geographic patterns.

United States History 8 SSU 201

**Length of Course: 36 weeks
Grade Level: 8**

The United States History 8 course is designed to place major emphasis on the nation's history from pre-Columbian civilizations to the Civil War and Reconstruction. Geography of the United States and social studies skills also receive emphasis. Map skills, reading and interpreting charts and graphs, and the utilization of reference books and materials are implemented throughout the program. Influences of and relations with the host nation are explored during the year.

World Regions SSC 301 (GE)

**Length of Course: 36 weeks
Grade Level: 9**

The World Regions/Cultures course is designed to study other cultures so that students can understand the global community in which they live. An overview of physical geographic concepts and skills is basic to this course. Its emphasis is on the cultures of the Middle East, North Africa, Japan, China, Southeast Asia, the Indian subcontinent, and Eastern Europe. The host nation culture is studied and used as a basis of comparison.

World History SSW 401 (GE)

**Length of Course: 36 weeks
Grade Level: 10**

The World History course is designed to build on the content in geographical and cultural studies by studying the historical development of world cultures. After an overview of ancient civilizations, the course covers from the Middle Ages to the contemporary world. Using the multidisciplinary approach, world history is a balanced program, not just a history of Western Europe. Attention is given to Asia, Africa, and the Americas.

Honors World History 9 SSW 371 (GE)

**Length of Course: 36 weeks
Grade Level: 9**

Must be taken in conjunction with Honors English 9

The content integrates readings and writings that focus on exploring, interpreting, and analyzing literature and other readings that extend and support the world history discussions and research. The course is a demanding study of world history and literature, requiring students to understand, analyze, and interpret the connections between major historical events and the writings of the time. Critical thinking, philosophical discussion, concept attainment, vocabulary development, language usage, and research will be stressed. The development of discussion and presentation skills will focus on analysis, interpretation, and evaluation. *This class does not earn a weighted grade*

Honors World History 10 SSW 471 (GE)

**Length of Course: 36 weeks
Grade Level: 10**

Must be taken in conjunction with Honors English 10

A study of world history from 1500s to modern times. Features a strong focus on student research and interdisciplinary connections. Students will develop thinking and reasoning strategies similar to those used in Advanced Placement courses. This class will incorporate critical reading, writing and research activities. Daily classroom activities include an emphasis on analytical and interpretative thinking and writing. This course provides multiple assessments including a major research project and substantial writing samples. *This class does not earn a weighted grade.*

United States History SSU 501 (GU)

**Length of Course: 36 weeks
Grade Level: 11-12**

The United States History course at the eleventh grade level is a required course designed to emphasize our nation's history from Reconstruction to the present. Both basic and advanced social studies skills receive emphasis. Influences of and relations with the host nation during these periods are explored as part of the course. Students examine immigration and migration in the United States, present oral and written reports, design diagrams, etc.

AP US History SSU 611 (GU)

**Length of Course: 36 weeks
Grade Level: 11-12**

The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. In addition to exposing students to historical content, an AP course should also train students to analyze and interpret primary sources, including documentary material, maps, statistical tables, and pictorial and graphic evidence of historical events. Students should learn to take notes from both printed materials and lectures or discussions, write essay examinations, and write analytical and research papers. They should be able to express themselves with clarity and precision and know how to cite sources and credit the phrases and ideas of others. Students will take the scheduled AP US History exam in May.

Sociology
SSS 401 (GE)

The Sociology course is designed to be a one-semester elective course offered to students in grades eleven and twelve. The course emphasizes the study of the structure of society and its groups, institutions and cultures. Students investigate social and cultural phenomena that influence the behavior of groups and individuals. Students study current social problems and utilize methods of sociological investigation and research.

Length of Course: 18 weeks
Grade Level: 11-12

Psychology
SSP 501 (GE)

The Psychology course is designed to be a one-semester elective course offered to students in grades eleven and twelve. This study of human beings focuses on physical characteristics, cognitive ability, emotional states, and social interaction. Students study the stages of human development, motivational theory, theories of personality, and mental wellness and illness. The process of scientific investigation is a major part of this course.

Length of Course: 18 weeks
Grade Level: 11-12

Street Law
SSZ 303 (GE)

The Street Law course is an elective one-semester course designed to provide students with knowledge about law that is of practical use in their everyday lives. Students will learn how every purchase, lease contract, marriage, divorce, crime, or traffic violation places them face-to-face with the law. Topics will include an introduction to law and the legal system, criminal law, torts, consumer law, family law, housing, and individual rights and responsibilities.

Length of Course: 18 weeks
Grade Level: 11-12

Contemporary Issues
SSZ 501 (GE)

The contemporary issues course examines contemporary world problems and problem areas. Emphasis will be placed upon the role of the United States in these areas. In preparation, the historical shaping of United States foreign policy will be studied in some detail, and a necessarily brief exposition of the history, nature, and development of communism will also be included.

Length of Course: 18 weeks
Grade Level: 10-12

United States Government
SSG 601 (GG)

The United States Government course is a required one-semester course designed to provide seniors with essential knowledge, skills, and attitudes related to the nation's government and its historical development.

Length of Course: 18 weeks
Grade Level: 12

FOREIGN LANGUAGES

Level I (French, Korean, Spanish)
FLF, FLK, FLS MS101C
FLF, FLK, FLS 301 (GD)

The first year program is designed for the student to give simple oral and written information by using appropriate learned vocabulary, word order and grammatical forms, and read simple passages with comprehension.

Length of Course: 36 weeks
Grade Level: 8
Grade Level: 9-12

Level II (French, Korean, Spanish)
FLF, FLK, FLS 401 (GD)

Preparation: Successful completion of Level I
The second year program is designed to provide activities, projects and experiences that will enable the student to appreciate and value the target language. There is a stronger emphasis in communication ideas based on real life situations. Higher-level grammatical structures will be practiced. Reading and writing activities will become more complex.

Length of Course: 36 weeks
Grade Level: 9-12

Level III (French, Korean, Spanish)
FLF, FLK, FLS 501 (GD)

Preparation: Successful completion of level II or teacher recommendation
The third year language course is designed to continue with speaking, reading, and writing skills. The critical thinking skills become more spontaneous and fluency in all skill areas is emphasized. The skill of translation, interpreting and analyzing information and concepts is stressed. Students are encouraged to think in the target language.

Length of Course: 36 weeks
Grade Level 9-12

Level IV (French, Korean, Spanish)
FLF, FLK, FLS 601 (GD)

Preparation: Successful completion of level III or teacher recommendation
The fourth year language course is designed to continue reviewing and reinforcing all previously presented foreign language skills. Students demonstrate self-reliance and proficiency in using proper grammar and syntax of the target language. Emphasis is placed on reading and writing skills. Fluency in speaking the language will continue to be stressed.

Length of Course: 36 weeks
Grade Level 10-12

Chinese I (Mandarin) *
FLC301 (GD)

The Mandarin Chinese I course is designed to teach students the basic everyday survival skills needed to communicate in Chinese and will follow the 5 C's of national and DoDEA Standards: Communication, Cultures, Connections, Comparisons, and Communities. This course will lay the groundwork for building Chinese language and culture skills starting at the beginning (Novice) level. The full scope of language skills will be taught: listening comprehension, speaking, reading, and writing.

Length of Course: 36 weeks
Grade Level 8-12

PHYSICAL EDUCATION/HEALTH

Personal Fitness

PEF 301 (GP)

The Personal Fitness course is designed to provide students with knowledge and the opportunities to make personal decisions about personal fitness, exercise, and lifestyles. The essential concepts of this course include WHY exercise is important, WHAT are individual exercise needs and how to evaluate them, and HOW to exercise safely. Students will be given information on how to design their own personal fitness program.

Length of Course: 18 weeks

Grade Level: 9-12

Lifetime Sports

PEL 301 (GP)

The Lifetime Sports course is designed to provide students with enjoyable and successful experiences in physical education, and to provide a basis for the individual to participate in physical activity throughout life. Instructional activities will provide students with opportunities in individual, dual, and team sports.

Length of Course: 18 weeks

Grade Level: 9-12

Physical Activity and Nutrition

PEN 301 (GP)

Recommendation Preparation: Personal Fitness and Lifetime Sports

This one semester physical activity and nutrition course is required for graduation. This course provides a variety of opportunities for students to experience alternative, non-competitive physical activities. It is designed to enable students in grades nine through twelve to develop the movement skills and conceptual knowledge necessary to implement a personal physical activity and nutrition plan. Students participate in non-competitive physical activity and meal planning with pre and post physical activity and nutrition assessments. Students access information, and obtain and analyze data, and develop their own personal activity and nutrition plan.

*Depending upon staffing

Length of Course: 18 Weeks

Grade Level: 9-12

Health Ed I

HLH 301 (GH)

The Health I course is designed to provide students with comprehensive information about contemporary health topics. Topics to be included are: mental/emotional health, family/social health, growth/development, substance use/abuse, food/nutrition, exercise/fitness, diseases/disorders, consumer/personal health, and safety/first aid. The course assists students in acquiring the knowledge and skills necessary to become independent adults and achieve optimum health. Course content will focus on attitudes and behavior and their effect on social and physical health.

Length of Course: 18 weeks

Grade Level: 9-12

Conditioning Sports & Activities Length of Course: 18-36 weeks

PEG 402 (EL)

Grade Level: 10-12

Preparation: Successful completion of Personal Fitness and Lifetime Sports

The Conditioning Sports and Activities class is designed to enable students in grades ten through twelve to continue to develop the movement skills and conceptual knowledge in sports and physical activities of the student's choosing. The course focuses on one category of sports, teaching and improving the motor skills and tactical knowledge unique to that category of sport or activity. The focus in the course will be on continued skill development and enjoyment of sports participation through enhanced understanding and application.

FINE ARTS

Beginning Band

MUI 101
MUI 301 (GF)

The Beginning Band course is designed to introduce students to the following: basic instrumental music techniques such as tone production, articulation, breath control, pitch discrimination; melodic and rhythmic concepts and patterns; practice skills and habits; solo, ensemble, and full group rehearsals; a variety of instrumental repertoire; opportunities for private instruction; experiences in performing; and sound practice habits.

Length of Course: 36 weeks
Grade Level: 7-8
Grade Level: 7-12

Intermediate Band

MUI 102
MUI 302 (GF)

Preparation: Beginning Band

The Intermediate Band course is designed to acquaint students with intermediate to advanced instrumental music skills which include, but will not be limited to, the following content: intermediate to advanced level sight-reading skills; discrimination of pitch; absolute essentials for playing in tune; intermediate to advanced rhythm concepts and patterns; techniques for achieving the essentials of unity, balance, and contrast in performing instrumental music; the study of all major and minor scales; the opportunity of performing a variety of good musical repertoire; and listening skills development.

Length of Course: 36 weeks
Grade Level: 8
Grade Level: 9-12

Advanced Band

MUI 303 (GF)

Preparation: Intermediate Band

The Advanced Band course is designed to acquaint students with advanced instrumental music skills. The content includes, but is not limited to: the interpretation and analysis of musical scores; the application of musical nuances in playing from a score; independent performance of all major and minor scales; advanced rhythm patterns; performance as a soloist and in small and large groups; a variety of music repertoire, including style, periods, forms, electronic music; intermediate to advanced level sight-reading exercised; and introduction to computer/synthesizer musical composition.

Length of Course: 36 weeks
Grade Level: 9-12

Beginning Chorus*

MUV 101
MUV 301 (GF)

The Beginning Chorus course is designed to provide students, but not limit them to, the following: learning the beginning and basic fundamentals of sight-reading vocal music, rehearsing and performing unison and two-part music, singing with small and large groups, studying intonation, experiencing a wide variety of choral literature including secular and non-secular music, singing with keyboard and other accompaniment, and participating in public performances and musical productions.

Length of Course: 36 weeks
Grade Level: 7
Grade Level: 9-12

Advanced Chorus*

MUV 302 (GF)

Preparation: Beginning Chorus

The Advanced Chorus course is designed to provide students the following advanced vocal musical learning experiences: continuing development of sight-reading ability; analyzing, rehearsing, and performing unison, two-, three-, and four-part music; singing with small and large ensembles in addition to solo opportunities; singing a cappella; experiencing a wide variety of choral literature including secular and non-secular music; singing with individual and ensemble instrumental accompaniment; and participating in choral performances. *This is a repeatable course.*

*Depending upon staffing

Length of Course: 36 weeks

Grade Level: 9-12

Guitar I, II

MUS 301, 302 (GF)

The Guitar courses are designed to introduce students to the study of the guitar. The content includes, but is not limited to: staff notation and rhythm concepts, major and minor chord recognition, strumming and picking techniques, double and triple meters, performance as soloists and in group ensembles, tuning and intonation, and guitar accompaniment techniques. *This is a repeatable course.*

Length of Course: 36 weeks
Grade Level: 9-12

Fundamentals of Art

ARA 301 (GF)

The Fundamentals of Art course is designed as the basic entry course for the art program. The course provides instruction in the use of the elements of line, color, texture, shape, and space arrangement in works of art. Students learn how to compose a balanced, rhythmic, unified design through a series of assignments that use a variety of two- and three-dimensional art media. Course emphasis is placed on basic techniques of drawing, painting, printmaking, and sculpture that can be used throughout life for communication, expression, and enjoyment.

Length of Course: 36 weeks
Grade Level: 9-12

Ceramics

ARE 401 (GF)

The Ceramics course is designed to provide a studio-oriented experience with the study of clay. Students explore the properties of clay by making utilitarian and sculptural forms that emphasize form, design, and craftsmanship. The course includes instruction in clay application, in kiln management, and in the historical role of ceramics in our culture. *This is a repeatable course.*

Length of Course: 36 weeks
Grade Level: 9-12

Studio Art

ARS 401 (GF)

Preparation: Fundamentals of Art and teacher recommendation

The Studio Art course is designed either as units of study in various media, or as an individualized course for advanced students. Students who would like to develop skills in several media would benefit from the course. Students can concentrate on selected media by choosing activities from a wide range of options: drawing, watercolor painting, acrylic painting, oil painting, sculpture, commercial art, creative crafts, lettering, printmaking, and mixed media. *This is a repeatable course.*

Length of Course: 18 or 36 weeks
Grade Level: 10-12

Commercial Art
ARM 401 (GF)

Length of Course: 36 Weeks
Grade Level: 10-12

Preparation: Fundamentals of Art and teacher recommendation

The commercial art course is designed to explore the fundamental skills required in the design and production of advertising and promotional art. Emphasis is placed on the creative processes used before producing finished artwork; e.g., sketches, client presentations, and revisions. This class will include instruction in basic drawing and composition skills, and in graphic design techniques, lettering, and layout.

Drama
DRA 301 (GF)

Length of Course: 18 or 36 weeks
Grade Level: 9-12

This course is designed to give the students opportunity to experience drama and to demonstrate knowledge of the historical background of drama. The content includes the different genres of drama (tragedy, comedy, farce, melodrama, musical), elements of playwriting; the different historical periods of drama and acting; the work of important dramatists; understanding the importance of drama as a reflection of society and the recognition of drama as a self-rewarding activity. *This is a repeatable course.*

Humanities
HUH 401 (GF)

Length of Course: 18 weeks
Grade Level: 9-12

The humanities course is designed to be an integrated study of history, literature, language, philosophy, the visual arts, theatre, dance, and music. Emphasis is placed on critical thinking, creativity, and the rights and responsibilities of the individual in a society. Students explore aspects of human behavior and human ideals.

BUSINESS/COMPUTER STUDIES (Lab)

The following classes are offered in the business/computer lab. Specific course prerequisites, content descriptions, etc. are available from the instructor. Courses are coded for either computer credit or vocational credit.

Business & Personal Finances
PTB 301 (GV)

Length of Course: 36 weeks
Grade Level: 11-12

This course is designed to make students aware of the financial challenges confronting them in daily living. Included will be such topics as how to make intelligent decisions in spending and saving; how to maintain good financial records; how to avoid financial disasters that result from the unwise use of credit and credit cards; information about banking services, insurance choices, and investment choices; and how to prepare income tax forms.

Accounting I
BCA 401 (GV)

Length of Course: 36 weeks
Grade Level: 10-12

Accounting I introduces students to accepted accounting principles and the complete basic accounting cycle, which includes financial statements for service and merchandising businesses. Additional topics covered are payroll, notes, depreciation, forms of ownership, and the importance of ethics.

Accounting II
BCA 501 (GV)

Length of Course: 36 weeks
Grade Level: 11-12

Accounting II expands the accounting concepts learned in Accounting I. Students will be introduced to partnership and corporate accounting concepts, accounting procedures for manufacturing businesses, cost and managerial concepts, and analysis tools. Notes and depreciation will be studied in greater depth.

Business Law
BCB 501 (GV)

Length of Course: 36 weeks
Grade Level: 11-12

MKTG & Entrepreneurship
PYB 501 (GV)

Length of Course: 36 weeks
Grade Level: 11-12

The marketing course enables students to gain a basic understanding of marketing principles, techniques, and career opportunities. Instruction will include the relationship of products, prices, promotions to the marketing of goods and services to consumers. Ethics and social responsibilities of free enterprise will be included.

**Computer Applications I
BCT 301 (GC)**

The Computer Applications I course is designed to provide the student with the opportunity to expand technology knowledge and apply various technology applications. This course will equip the student with the necessary technology tools for personal use, employment and advanced education.

**Length of Course: 18 weeks
Grade Level: 9-12**

**Word Proc Software App
BCB 303 (GC)**

For certification

Word Processing Software Applications provides students with the opportunity to develop professional level skills in word processing software.

**Length of Course: 18 weeks
Grade Level: 9-12**

**Publication Software App
BCB 308 (GC)**

For certification

Publication Software Applications is a course designed for students with an interest in desktop publishing. This course will prepare the student for the InDesign Certification Exam as well as provide training in the software for personal use, employment, and advanced education.

**Length of Course: 36 weeks
Grade Level: 9-12**

**Presentation Software App
BCB 304 (GC)**

For certification

Use presentation software to demonstrate a thorough understanding of creating a presentation, inserting and modifying text, inserting and modifying visual elements, modifying presentation formats, printing presentations, working with data from other sources, managing and delivering presentations, and workgroup collaboration.

**Length of Course: 18 weeks
Grade Level: 9-12**

**Database Software App
BCB 305 (GC)**

For certification

Use database management software to demonstrate a thorough understanding of creating and using databases, creating and modifying tables, creating and modifying queries, creating and modifying forms, viewing and organizing information, defining relationships, producing reports, and integrating with other applications.

**Length of Course: 36 Weeks
Grade Level: 9-12**

**Spreadsheet Software App
BCB 306 (GC)**

For certification

Use spreadsheet software to demonstrate a thorough understanding of working with cells and cell data, managing workbooks, formatting and printing worksheets, modifying workbooks, creating and revising formulas, creating and modifying graphics, and workgroup collaboration.

**Length of Course: 36 Weeks
Grade Level: 9-12**

Imaging Software App

Length of Course: 36 Weeks

BCB 307 (GC)

For certification

Use imaging software to demonstrate a thorough understanding of file formats; using the work area and work spaces; importing, exporting and saving; working with sections; creating and using layers; using masks and channels; managing color, adjusting images; drawing and editing; painting; retouching; using actions; working with type; outputting to print; and outputting for the web.

Grade Level: 9-12

**Interactive Multimedia
BCT 405 (GC/GV)**

Interactive Multimedia is designed to acquaint students with a variety of multimedia applications. A variety of technology tools will be used to produce multimedia projects that include graphics, sound, video, programming, and other appropriate technology. The emphasis of this course is the production of individual and/or group projects.

**Length of Course: 36 Weeks
Grade Level: 9-12**

**Website Dev-Mgmt
BCT 407 (GC/GV)**

In Web Site Development & Management, students will design, implement, and manage a web site. This is a hands-on laboratory course designed to teach students the concepts, skills and processes involved in web site development and management.

**Length of Course: 36 weeks
Grade Level: 9-12**

PROFESSIONAL-TECHNICAL STUDIES

CISCO Networking I BCT 502 (GC/GV)

**Length of Course: 36 weeks
Grade Level: 11**

This course prepares students to become network engineers and prepares them for entrance into a technology career field or for further technology study. The program includes a complete range of basic and advanced networking concepts – from pulling cables through such complex concepts as subnet masking rules and strategies. Successful completion of this course and the Cisco Networking 2 course should prepare the student to pass the Cisco Certified Network Associate (CCNA) examination.

CISCO Networking II BCT 602 (GC/GV)

**Length of Course: 36 weeks
Grade Level: 12**

This second course prepares students to become network engineers and prepares them for entrance into a technology career field or for further technology study including field experience in network problem solving. The program teaches students to design, build, and maintain small to medium-sized networks. Activities are conducted in a lab setting using computers, servers, and routers that students assemble into functional networks. Successful completion of this course (and Cisco Networking 1) should qualify the student to pass the Cisco Certified Network Associate (CCNA) exam.

Engineering Drawing CADD TED 303 (GV/GC)

**Length of Course: 36 weeks
Grade Level: 9-12**

Engineering Drawing covers fundamentals, concepts, equipment, and skills related to the production of drawings including geometric construction, orthographic projections, pictorial drawings, basic architectural drawing, and working drawings for manufacturing and construction. Students will complete drawing assignments using computer technology.

Applied Arch Design-CADD TED 302 (GC/GV)

**Length of Course: 36 weeks
Grade Level: 9-12**

Course content includes, but is not limited to, determining purposes, uses, and aesthetics of structures, the analysis of various architectural designs, apply principles of environmental and energy efficient design, and use current construction materials and practices. Students will prepare and present multimedia presentations using a variety of software and technologies. This is a real or simulated design project meeting the needs of actual clients.

Engineering Design-Dev TED 601 (GC/GV)

**Length of Course: 36 weeks
Grade Level: 12**

In this course, students will work in teams of two to four individuals to design and construct the solution to an original engineering problem. Each design problem is taken from a database of design problems offered to all DoDEA students enrolled in the course. As students work on their capstone project they will develop technical writing skills and use a variety of CAD, CAM, GIS, fabrication, manufacturing, and

robotics technologies. Students will also maintain an engineering journal and develop a portfolio. This course is the culmination of the pre-engineering curriculum and is intended as an opportunity for students to utilize all the skills acquired through the pre-engineering strand of courses.

Engineering Design & Tech I & II PTE 501, 601 (GV)

**Length of Course: 18 weeks (each)
Grade Level: 10-12**

Prerequisite: Engineering Drawing or Principles of Engineering

The course introduces students to the technology systems, tools, materials, and processes of industry through computer and teacher instruction and hands on real world activities. This course will provide students with a solid foundation in the following three fields. Electricity and Electronics, Quality Control, Manufacturing Processes. *It is intended that students take both level I and level II in the same school year.*

Computer Service Support VEE 309 (GC/GV)

**Length of Course: 36 weeks
Grade Level: 10-12**

This program is intended to prepare students for computer support careers. Students enrolled in this course will learn how to perform shop maintenance, repair computers, install operating systems and software, acquire employment skills, as well as operate a service and support business. The course will provide students with concepts and skills necessary to achieve certification in PC Repair and Technical Support.

Architectural Drawing TED 305 (GC/GV)

**Length of Course: 36 weeks
Grade Level: 9-12**

This course is designed to provide students with instruction and skills in computer aided drawing (CAD) fundamentals commonly used in the production of residential and commercial buildings. The course includes the study of the basic fundamentals of design, and the skills related to the production of architectural designs. The content includes, but is not limited to, designing interior and exterior elements of structures in both two-dimensional and three-dimensional representations. Students will prepare presentations of designs created using CAD technology.

Video Communications I PTV 301 (GC/GV)

**Length of Course: 36 weeks
Grade Level: 9-12**

Major Concepts/Content: The Video Communications I course for students in grades 9 through 12 is designed to introduce students to the concepts and equipment related to video production. Through a hands-on, project oriented approach, students will apply knowledge on filming, composition, linear/non-linear insert editing, lighting, storyboarding, audio and computer graphics/effects in order to communicate effectively using the video communication medium.

Major Instructional Activities: A variety of instructional activities will be used so students can successfully apply the video communication concepts. Students will learn correct filming techniques and how to edit video and sound in order to communicate clearly. Students will also combine digital video footage with non-linear computer based editing in order to produce a video project of high quality. Computer graphics, transitions, and filter effects will also be incorporated into video productions. Students will explore the historical background, and career fields

related to video/film production in order to decide if this is a career field they may be interested in.

Video Communications II
PTV 401 (GC/GV)

Length of Course: 36 weeks
Grade Level: 9-12

Major Concepts/Content: The Video Communications Seminar course will expand on the student's ability to apply concepts and skills learned in the first two courses. Students will continue to refine their video production skills while completing video communication projects at a quality level consistent with post secondary programs or entry level in the career field. Students will construct studio and/or on-site editing situations and assist others with the application of video communication concepts.

Major Instructional Activities: Students will continue to refine their video communication skills by producing a wider variety of video productions for the school and community. Projects will emphasize the application of both basic and advanced skills such as storyboarding, lighting, set design, audio techniques, advanced editing/transitions, on-site and studio based editing, and advanced computer based graphics and non-linear computer based editing.

Principals of Engineering
TEZ 301 (GC/GV)

Length of Course: 18 weeks
Grade Level: 9-12

Major Concepts/Content: The Principles of Engineering course is designed to provide students with an exposure to the various engineering and related career choices. Students will explore careers in engineering, ranging from engineer technicians with 1-2 years of post-secondary education to professional engineering specialties. The content includes, but is not limited to, studying the process of engineering and engineering systems. Student design teams will be involved in problem solving projects that will require formulating plans for product development; developing preliminary designs; preparing detail, assembly, and layout drawings; developing prototype models; using two- and three- dimensional CAD workstations. Students will use the Internet as one of many tools in researching their project designs. A variety of computer software programs will be used in developing a presentation of final project solutions. This course is strongly recommended for students aspiring to become engineers, architects, and engineer technicians. This course is part of the School-to-Work transition guidelines.

Health Science I
PTH 402 (GV)

Length of Course: 36 weeks
Grade Level: 10-12

This course investigates the health care delivery system, its services, occupations, and related sciences. Topics include the study of the language of medicine, medical mathematics, microbiology, anatomy and physiology, diseases/disorders, diagnoses, treatments, patient/ client care regimens, career development, and future technological innovations. Work-based learning strategies include service learning, field trips, and job shadowing. Skills in science, mathematics, communications, social studies and health are reinforced in this course. Projects, teamwork, demonstrations, and HOSA competitive events serve as instructional strategies that reinforce the curriculum content.

CAREER/VOCATIONAL EDUCATION

Junior Reserve Officer Training
VEF 301, 401, 501, 601 (GV)

Length of Course: 36 weeks
Grade Level: 9-12

The Air Force JROTC courses are designed to acquaint secondary school students with the historical development of flight, the aerospace environment, aircraft propulsion systems, and civil aviation. Leadership studies in the program are developed to include: communication skills, time management, project planning, self-discipline, and military career areas. Additionally, students are evaluated on the performance of assigned duties, personal uniform inspections, marching ability, proper performance of military drill and ceremonies, and military customs and courtesies.

College Entry Preparation
PPS 401 (EL)

Length of Course: 18 weeks
Grade Level: 10-11

The College Entrance Preparation course is designed to review and reinforce knowledge of content included on the Scholastic Aptitude test. In addition, the course should help students get better acquainted with the SAT and ACT, and in the process alleviate some of the anxiety with taking this important test which could result in major implications for future educational pursuit.

Transition to Post-Secondary
VEZ 302 (GV)

Length of Course: 18 weeks
Grade Level: 12

The Senior Transition course focus is on those competencies that will enable seniors following graduation to gain employment, pursue further education and training, introduce them to independent living skills in communication and use of technology, self-management, portfolio development, and positive interpersonal relationships. The independent living competencies encompass managing self-advocacy, recreation/leisure, finance and budgeting, medical services, housing, and insurance coverage.

Career Practicum
VEW 301, 302, 303 (GV)

Length of Course: 36 weeks
Grade Level: 11-12

The Career Practicum course is offered to students to give them the opportunity to acquire work experience and skills training through on-the-job experiences. Two important aspects of the cooperative work experience program are to help students better understand themselves through actual employment of their skills and aptitudes in real-life settings and to offer student opportunities to build confidence, self esteem, and reliability. Students are expected to make decisions, accept responsibilities, show initiative, and develop and practice interpersonal relationships in the world of work. This program extends student educational opportunities beyond the curricular, physical, and financial resources of the school.

DISTANCE LEARNING CLASSES

Distance Learning courses are rigorous courses offered to provide students the opportunity to take classes not ordinarily offered in a small high school. Students are expected to work independently with the support of computer assisted instruction Teacher recommendation is required.

VB Programming I, II-DL BCC 3070T, 3080T (GC)	Grade Level: 9-12 Length of Course: 18 weeks
AP Computer Science AB-DL BCC 5120T (GC)	Grade Level: 11-12 Length of Course: 36 weeks
AP German Language-DL FLG 6140T (GD)	Grade Level: 11-12 Length of Course: 36 weeks
AP Spanish Language-DL FLS 6150T (GD)	Grade Level: 11-12 Length of Course: 36 weeks
Health Education I -DL HLH 3010T (GH)	Grade Level: 9-12 Length of Course: 18 weeks
Humanities-DL HUH 4010T (GF)	Grade Level: 9-12 Length of Course: 36 weeks
AP Calculus BC-DL AC 6130T (GM)	Grade Level: 12 Length of Course: 36 weeks
AP Statistics-DL MAZ 6110T (GM)	Grade Level: 12 Length of Course: 36 weeks
AP Physics B-DL SCP 6120T (GS)	Grade Level: 11--12 Length of Course: 36 weeks
Economics-DL SSN 4010T (GE)	Grade Level: 10-12 Length of Course: 18 weeks
Marine Biology-DL SCZ6020T (GS)	Grade Level: 11-12 Length of Course: 36weeks

MIDDLE SCHOOL ROTATION CLASSES

Students in grades 7 and 8 are **assigned** to semester classes on a rotating basis. These 18 week classes **may** include the following:

Art 7/8 ARA 103	Grade Level: 7-8 Length of Course: 18 weeks
Applied Technology TEA 106	Grade Level: 8 Length of Course: 18 weeks
Computer Apps AB BCT 103	Grade Level: 8 Length of Course: 18 weeks
Korean Culture ICZ 103	Grade Level: 7-8 Length of Course: 18 weeks
Journalism LAJE 03E	Grade Level: 7-8 Length of Course: 18 weeks
Study Skills (Advisory) MED 101	Grade Levels: 7-8 Length of Course: 9 weeks
Physical Education 7/8 PEG 102,202	Grade Level: 7-8 Length of Course: 18 weeks
Pathways to Careers (Advisory) VEZ 101	Grade Level: 7-8 Length of Course: 9 weeks
Drama AB DRA 101, 201	Grade Level: 7-8 Length of Course: 18 weeks
Creative Thinking AACE03	Grade Level: 7-8 Length of Course: 18 weeks
Music AACE03	Grade Level: 7-8 Length of Course: 18 weeks
Creative Writing LACE03P	Grade Level: 7-8 Length of Course: 18 weeks
Exploratory French/Spanish *	Grade Level: 7 Length of Course: 18 weeks

*Depending upon staffing.

