

COURSE CATALOG SY 2007-08



<http://www.afno-is.eu.dodea.edu>

In this catalog you will find a listing of all of the Grade 9 to 12 courses offered at AFNORTH International School. Use this catalog to plan your high school schedule.

On page 5 of this catalog you will find the courses required for graduation. Discuss your course selections with your parents and your Guidance Counselor.

If you are planning to attend a college or university when you graduate, check college pre-requisites.

Guidance Counselors:

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045 527-8270

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Length of Courses

YR CRS	These courses will be offered for a full year (36 weeks)
SEM CRS	These courses will be offered for half of a year (18 weeks)
SEM/YR CRS	These courses may be selected for a full or a half-year

Distance learning courses through both the U.S. and Canadian section are available upon request. See your counselor for details.

**Grade 9-12 2007—2008
Graduation Requirements**

U.S. DODEA	
SUBJECT	# CREDIT
Language Arts/English Up to 2 credits of ESL	4
Social Studies 1 Credit World Regions or World History 1 Credit of US History .5 Credit of Government	3
Math 1 Credit of Algebra I 1 Credit of Geometry 1 credit 400 level or above	3
Science 1 Credit Biology 1 Credit Chem or Physics or Application courses	3
Professional Tech Studies .5 Credit Computer 1.5 Pathway	.5 1.5
Foreign Language (2 years same language)	2
Fine Arts	1
Physical Education .5 Credit of Personal Fitness .5 Credit of Lifetimes Sports .5 Physical Activity and Nutrition	1.5
Health Education	0.5
Electives	6.0
TOTAL REQUIRED	26
2.0 GPA OR HIGHER	
HONORS DIPLOMA:	
4 AP Classes with exams 3.8 GPA or Higher	

English/Language Arts

US
Lang. Arts 9
LAE301
YR CRS

LANGUAGE ARTS 9

Ninth grade English emphasizes the basic competencies in Language Arts, specifically listening, speaking, reading, and writing. Selected literature, such as the short story, non-fiction, poetry, drama and the novel are integrated into the course activity. Extensive practice in composition derives from class literary experiences, instruction and discussion.

US
HONORS
LIT
WORLD
HISTORY 9
LAE371
Concurrent
Enrollment in
Honors World
History 9

HONORS LIT — WORLD HISTORY 9

This is an integrated course for students interested in taking 9th grade Honors Social Studies and English. The course uses the chronological study of world history from Ancient Civilization to 1500 A.D. and covers the themes of culture, science/technology and society, geography, and time/continuity and change. 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 themes of geography provide the focus for preparing students to understand how humans adapt to the environment. 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 presentations skills will focus on analysis, interpretation, and evaluation.

US
Lang Arts 10
LAE401
YR CRS

LANGUAGE ARTS 10

Tenth grade English emphasizes basic language skills, especially grammar, usage, mechanics, spelling, and vocabulary development. Composition and creative writing have particular importance. A study of drama, poetry, the novel and short story is integrated into the course work.

US
HONORS
LIT 10
LAE471

YR CRS
Concurrent
enrollment in
Honors World
History 10

HONORS LIT — WORLD HISTORY 10

This is an integrated course for students interested in taking 10th grade Honors Social Studies and English. The course uses the chronological study of world history from 1500 to the present and covers the themes of culture, science and technology, economics, and government. 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.

US
LANG. ARTS
11
LAE501
YR CRS

LANGUAGE ARTS 11

Eleventh grade English continues the sequential development of skills in reading, writing, listening, speaking, observing, and clear thinking. The course study will include principles of organization, sentence structure, and paragraph construction required for composition in school and career endeavors. A variety of chiefly American literature - novels, plays, short stories, and poetry -- is read and studied, both for literary merit and as a basis for discussion and writing experiences.

US
AP ENGLISH
LANGUAGE
AND COMPO-
SITION
LAC614
Grade 11 &
12
Weighted
YR CRS

Advanced Placement English Language and Composition
AP Language and Composition requires a high commitment to the material presented as well as a strong work ethic. This course helps students move beyond the standard five-paragraph essay to the realm of writing effectively across the curriculum in a variety of modes. Including expository, analytical and argumentative writing as well as personal and reflective writing. Students read for an awareness of linguistic and rhetorical choices rather than literary conventions. By the end of the course, students should be able to analyze and interpret samples of effective writing, apply similar strategies to their own writing; create and sustain arguments based on reading, research, or personal experience; write in a variety of genres and contexts, both formal and informal; produce expository and argumentative compositions that introduce a complex idea and develop it with specific evidence, explanations, and transitions. Reading may be drawn from autobiographies and diarist, biographies, history writers, essayists, fiction writers, journalists, political writers, and science and nature writers. **AP EXAM IS REQUIRED TO RECEIVE WEIGHTED GRADE.**

US
LANG
ARTS 12
LAE601
YR CRS

LANGUAGE ARTS 12
Twelfth grade English emphasizes the study of British and World literature. A variety of literary selections provide the subject matter for oral and written assignments designed to increase mastery of proper English grammar and usage and promote the effective use of a variety of speaking, writing and listening techniques.

US
AP ENGLISH
LITERATURE
AND
COMPOSITION
LAL613
Weighted
YR CRS

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION
Emphasis is placed on an in-depth reading of texts drawn from multiple genres, periods, and cultures from the sixteenth to the twentieth century. Students will read, discuss, and write in order to understand, to explain, and to evaluate literary works. Writing assignments will focus on the critical analysis of literature and will include expository, analytical, argumentative essays, and creative projects.
AP EXAM IS REQUIRED TO RECEIVE WEIGHTED GRADE.

US
ESL 1
9-12
ESL

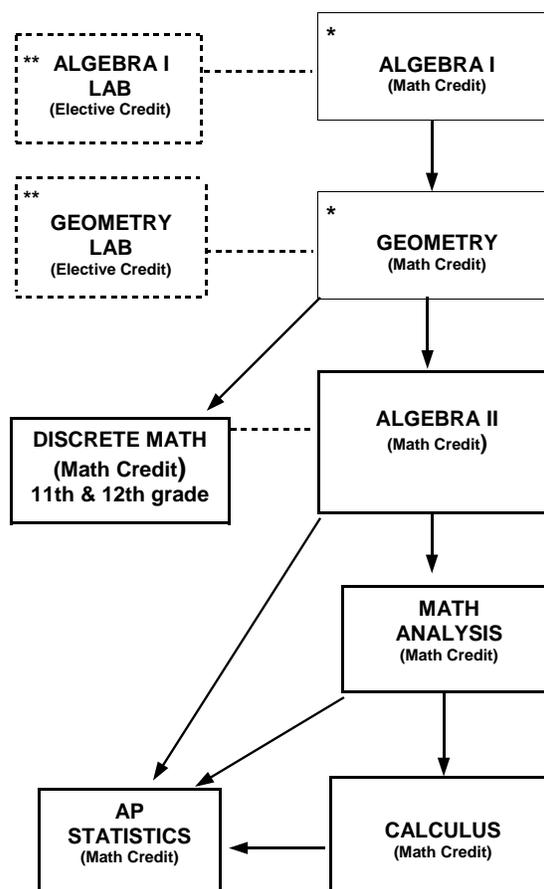
**LAA301/
401/
501/ 601**
YR CRS

ENGLISH AS A 2ND LANGUAGE
(Beg Comm./Dev Comm./Expand Comm./
Bridge Comm.)

The course is 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: verbalizing concrete and abstract experiences orally; practicing the sound system and syntax of English; listening to English to practice comprehension; practicing the process of composition, including prewriting, drafting revising, proofreading, and publishing; and developing verbal skills necessary for the world and/or post-secondary education.

Mathematics

DODEA RECOMMENDED MATH SEQUENCE



**** ANY STUDENT TAKING ALGEBRA I, GEOMETRY, OR ALGEBRA II:**

- 1. RECEIVED LESS THAN A "C" IN A PREVIOUS MATH COURSE, AND/OR**
- 2. RECEIVED A SCORE OF LESS THAN 50% IN MATH ON THE TERRA NOVA TEST WILL BE REQUIRED TO ENROLL IN THE CORRESPONDING LAB IN CONJUNCTION WITH ALGEBRA I, GEOMETRY, AND ALGEBRA II.**

US
ALGEBRA I
9-12
MAA301
YR CRS

ALGEBRA I
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 principles with everyday life. The processes of problem solving, reasoning, communication and making connections are emphasized. Students will use formulas, functions, and equations to describe and clarify relationships. Students will learn how to write and translate expressions into mathematical form, solve first and second degree equations, use the concept of a function to model real-world phenomena.

US
ALGEBRA I
Lab
MAA 305
YRS CRS
Elective
Credit
Course

ALGEBRA I LAB
Algebra I lab is an elective credit class for students currently enrolled in Algebra I. The goal of this class is to assist students in passing Algebra I. Enrollment provides students with additional time and alternative methods for learning concepts and skills developed in Algebra I. Students will be placed in this class if their TOTAL math score on the Terra Nova or on a similar achievement test is BELOW the 50th percentile and/or D/F in Grade 8 math. Grades in Algebra I Lab are NOT dependent upon grades in Algebra I. Parent, student, and teacher signatures are required for entrance and exit from class.

US
Elective
Credit
(as scheduled)

FOUNDATIONS OF MATHEMATICS, Grade 9, Applied
This course enables students to develop mathematical ideas and methods through the exploration of applications, the effective use of technology, and extended experiences with hands-on activities. Students will investigate relationships of straight lines in analytic geometry, solve problems involving the measurement of 3-dimensional objects and 2-dimensional figures, and apply key numeric and algebraic skills in problem solving. Students will also have opportunities to consolidate core skills and deepen their understanding of key mathematical concepts.

US
GEOMETRY
10-12
MAG401
YR CRS

GEOMETRY

This course is designed to develop and promote student reasoning and problem solving involving geometric concepts and properties. Topics of study will include: deductive reasoning using points, lines, and planes; segments, angles and triangles; quadrilaterals; polygons; and three-dimensional figures. Algebraic concepts are integrated with the geometric concepts throughout the course. Applications to real life situations are prevalent throughout the course

US
GEOMETRY
LAB
10-12
MAG 405
YR CRS
Elective
Credit Course

GEOMETRY LAB

Geometry Lab is an elective credit class for students currently enrolled in Geometry. The goal of this class is to assist students in passing Geometry. Enrollment provides students with additional time and alternative methods for learning the concepts and skills developed in Geometry. Students are placed in Geometry Lab if their TOTAL math score on the Terra Nova or similar achievement test is below the 50th percentile and/or a D/F semester grade (s) in Algebra I. Grades in Geometry Lab are not dependent upon grades in Geometry. Parent, teacher, and student signatures are required for entrance into and exit from the class.

US
MAZ501
36 Weeks
Recom-
mended:
Alg I and
Geometry

DISCRETE MATH

This discrete mathematics course by design shows a different view of mathematics than as seen in traditional mathematics courses. It is an applications driven course that is based upon the study of events that occur in small, or discrete, chunks. Discrete concepts are used extensively in business, industry, government, and the digital world. The major areas of study are counting and probability, graph theory, the mathematics of social choice (voting and fair division), and coding and encryption. Some of the questions investigated in discrete math are: What does a bar code mean? What is the most efficient way a delivery truck can visit ten destinations? Should you buy a lottery ticket?

US
ALGEBRA II
10-12
MAA401
YR CRS

ALGEBRA II

This course will help students view algebra as a language of modeling the real world through problem solving and manipulating symbols. Student reasoning will be applied to linear equations and inequalities, systems of linear equations, matrices and determinants, quadratic equations and relations, functions and graphs, powers, roots, radicals, exponential and logarithmic functions, polynomials and polynomial functions, rational expressions and functions, sequences and series, probability and statistics, and circular trigonometric functions.

US
MATH
ANALYSIS
MAD501
11-12
YR CRS

MATH ANALYSIS

The purpose of this pre-calculus course is to help prepare students for college mathematics. It begins with a review of coordinate geometry, quadratic equations, polynomial algebra, and other topics from Algebra with Geometry Course III. It then continues with the study of exponents, logarithms, trigonometric functions, formulas, identities, and their applications, advanced graphing techniques, polar coordinates, conic sections, and vectors. Topics on sequences and series, statistics, probability, and introductory calculus may also be presented.

US
MATH LAB
III
MAA405
10-12
YR CRS

MATH LAB III

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. Students must be enrolled in Alg II or Discrete Math to enroll in Math Lab III. Students are placed in Math Lab III if their TOTAL math score on the Terra Nova or similar achievement test is below the 50th percentile and/or a D/F semester grade(s) in their previous math class. The Grade in Math Lab III is not dependent upon grades in Alg II or Discrete Math. Parent, teacher, and student signatures are required for entrance into and exit from the class.

US
AP STATIS-
TICS
MAZ611
Weighted
11-12
YR CRS
RECOM-
MENDED
PREPARA-
TION: Alge-
bra II

ADVANCED PLACEMENT STATISTICS

Advanced Placement Statistics acquaints students with the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students will frequently work on projects involving the hands-on gathering and analysis of real world data. Ideas and computations presented in this course have immediate links and connections with actual events. Computers and calculators will allow students to focus deeply on the concepts involved in statistics. Students are exposed to four broad conceptual themes:

Exploring Data: Observing patterns & departures from patterns.

Planning and Study: Deciding what & how to measure.

Anticipating Patterns: Producing models using probability & simulation.

Statistical Inference: Confirming models.

AP EXAM REQUIRED TO RECEIVE WEIGHTED GRADE.

US
ADVANCED
PLACEMENT
CALCULUS
11-12
MAC612
Weighted
YR CRS

ADVANCED PLACEMENT CALCULUS AB

The standards for AP Calculus incorporate the syllabus of the College Board for this course. Students are engaged in authentic applications involving limits and continuity, derivatives, integrals, transcendental functions and infinite series. Graphing calculators are required for this course as mandated by the College Board. Students should be encouraged to talk about the mathematics of change in calculus, to use the language and symbols of calculus to communicate and to discuss problems and methods of solutions.

AP EXAM REQUIRED TO RECEIVE WEIGHTED GRADE.

Science

US

BIOLOGY
9-12
SCB401
YR CRS
Recommended:
Geometry
concurrent or
prior for
Freshmen
selecting this
course.

BIOLOGY.

This course furthers students' understanding of the processes involved in biological systems. Students will study biochemistry cellular functions, genetic continuity, internal systems and regulation, the diversity of living things, and the anatomy, growth, and functions of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation.

US

AP
BIOLOGY
11-12
SCB612
Weighted
YR CRS

ADVANCED PLACEMENT BIOLOGY

The AP Biology Examination seeks to be representative of the topics covered by the survey group. Accordingly, goals have been set for percentage coverage of three general areas:

I. Molecules and Cells, 25%

II. Heredity and Evolution, 25%

III. Organisms and Populations, 50%

These three areas have been subdivided into major categories with percentage goals for each major category specified. The percentage goals should serve as a guide for designing an AP Biology course and may be used to apportion the time devoted to each category. The examination is constructed using the percentage goals as guidelines for question distribution. The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. The ongoing information explosion in biology makes these goals even more challenging. Primary emphasis in an AP Biology course should be on developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are the following: a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns.

**AP EXAM REQUIRED TO RECEIVE
WEIGHTED GRADE.**

US
ENVIRONMENTAL
SCIENCE
10-12
SCZ401

ENVIRONMENTAL SCIENCE
This course is designed for students with a special interest and high motivation for an in depth study of environmental science. Course activities include laboratory and field studies. Topics include, but are not limited to the laws of matter and energy, ecosystem analysis, population dynamics, renewable and nonrenewable resources, man's impact on the environment and the relationships between economics, politics, ethnics and the environment.

US
HUMAN
ANATOMY AND
PHYSIOLOGY
10-12
SCX401
YR CRS

HUMAN ANATOMY AND PHYSIOLOGY
This course will focus on the structures and functions of the human body. It will offer students an opportunity to examine the relationship between the structures and functions of tissues within the body and how they work.

US
EARTH AND
SPACE SCIENCE
9-12
SCZ302

EARTH AND SPACE SCIENCE
This course focuses on the Earth as a planet and on the basic concepts and theories of Earth science and their relevance to everyday life. Students will examine the Earth's place in the solar system and after a general introduction of Earth science will explore in more detail the materials of the Earth, its internal and surficial processes and its history. The course draws on astronomy, biology, chemistry, mathematics and physics in its consideration of geological processes that can be observed directly or inferred from other evidence.

US
CHEMISTRY:
APPLICATIONS IN THE
COMMUNITY
9-12
SCC502
YR CRS

CHEMISTRY: APPLICATIONS IN THE COMMUNITY
This is a course for college-bound students who will be non-science majors. It is organized around societal issues involving chemistry, to include: water; resources; petroleum; air; food; nuclear issues; industry. The course is approximately fifty percent lab-based and features decision-making activities which give students practice in applying their chemistry knowledge.

US
 CHEMISTRY
SCC501
 10-12
 YR CRS
 RECOMMENDED Algebra II concurrent or prior

CHEMISTRY

This course focuses on the concepts and theories that form the basis of modern chemistry. Students will study the behaviors of solids, liquids, gases, and solutions; investigate changes and relationships in chemical systems; and explore how chemistry is used in developing new products and processes that affect our lives and our environment. Emphasis will also be placed on the importance of chemistry in other branches of science.

US
 AP CHEMISTRY
SCC612
Weighted
 11-12
 YR CRS

ADVANCED PLACEMENT CHEMISTRY

The course descriptions for advanced placement courses published by the College Boards are to be utilized for the course.
AP EXAM REQUIRED TO RECEIVE WEIGHTED GRADE.

US
 PHYSICS APPLICATIONS IN THE COMMUNITY
 9-12
SCP302
 YR CRS

PHYSICS APPLICATIONS IN THE COMMUNITY

This course introduces basic concepts of physics with an emphasis on real world situations. The students will design and conduct investigations into motion, electricity, optics, and sound. The course will focus on labs to illustrate concepts and projects to apply knowledge to practical problems.

US
 PHYSICS
SCP501
 10-12
 YR CRS
 RECOMMENDED PREREQUISITE: Algebra II

PHYSICS

This course develops students' understanding of the basic concepts of physics. Students will study the laws of dynamics and explore different kinds of forces, the quantification and forms of energy (mechanical, sound, light, thermal, and electrical), and the way energy is transformed and transmitted. They will develop scientific-inquiry skills as they verify accepted laws and solve both assigned problems and those emerging from their investigations. Students will also analyze the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.

US
AP PHYSICS B
SCP612
Weighted
11-12
YR CRS
RECOMMENDATION
Math Analysis
.

ADVANCED PLACEMENT PHYSICS B

This course is a rigorous course which includes the following topics: Newtonian Mechanics, Fluid Mechanics and Thermal Physics, Electricity and Magnetism, Waves and Optics and Atomic and Nuclear Physics. These topics are mastered through a variety of methods to include lecture, demonstration, problem solving and laboratory investigations.

**AP EXAM REQUIRED TO RECEIVE
WEIGHTED GRADE.**

Social Sciences

Any non-U.S. student seeking a DODEA diploma may be granted, by the U.S. Principal, a waiver to replace the U.S. History with an equivalent country, regional, or world history course.

Any non-U.S. student seeking a DODEA diploma may be granted, by the U.S. Principal, a waiver to replace the U.S. Government with an approved equivalent national government, civics, or comparative governments course.

US
WORLD
REGIONS
9-12
SSC301
YR CRS

WORLD REGIONS

World Regions is a course covering the cultural regions of both the eastern and western hemisphere. The geography, history, economy, government, and sociology of each region will be explored through lecture, research, and individual and group projects. Emphasis will also be given to the development of social studies skills and to an awareness of current events in the regions studied.

US
WORLD
HISTORY
9-12
SSW401
YR CRS

WORLD HISTORY

The course continues the chronological study of ancient world civilizations begun in grade six. After an overview of ancient civilizations, the course emphasizes the period from the Middle Ages to the contemporary world. Using the multidisciplinary approach, world history is a balance program, not just a history of Western Europe. Attention is given to Asia, Africa, and the Americas. The host nations' history and culture are used for comparison.

US
HONORS
WORLD
HISTORY—LIT 9
SSW371
YR CRS

Concurrent
Enrollment
in Honors World
History 9

HONORS WORLD HISTORY - LIT 9

This is an integrated course for students interested in taking 9th grade Honors Social Studies and English. The course uses the chronological study of world history from Ancient Civilization to 1500 A.D. and covers the themes of culture, science/technology and society, geography, and time/continuity and change. 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 themes of geography provide the focus for preparing students to understand how humans adapt to the environment. 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 presentations skills will focus on analysis, interpretation, and evaluation.

US
HONORS
WORLD HIS-
TORY—LIT 10
SSW471

YR CRS
Concurrent
Enrollment in
Honors Lit 10

HONORS WORLD HISTORY — LIT 10
This is an integrated course for students interested in taking 10th grade Honors Social Studies and English. The course uses the chronological study of world history from 1500 to the present and covers the themes of culture, science and technology, economics, and government. 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.

US
MODEL
UNITED
NATIONS/
CONTEMPO-
RARY ISSUES
**SSZ403/
SSZ501**
SEM/YR CRS

**MODEL UNITED NATIONS/
CONTEMPORARY
ISSUES**
The course is designed to study the major operations and functions of the United Nations and the role of diplomacy in the organization's work. The major political, economic, and cultural concerns of Asia, Africa, the Americas, Europe, and the Middle East will be studied with major emphasis on assigned countries.

US
US
HISTORY
11-12
SSU501
YR CRS

US HISTORY
This course examines the development of American social, political and economic structures from colonial times to the present. Students will analyze the chronology of events and evaluate the roles played by specific individuals and groups throughout American history. Students will conduct research and analysis and communicate in a variety of ways their knowledge and understanding of the United States, Canada's closest neighbor and most important cultural influence and economic partner.

US
US
ECONOMICS
10-12
SSN401
SEM CRS

Economics
The economics course is a one-semester course designed to acquaint students with the major concepts in the study of economics. Students study how scarce resources are allocated among competing demands. The production, distribution, and accumulation of wealth are discussed and analyzed. Supply and demand, business organization, money and banking, the role of the federal government, and comparisons among economic systems are major topics of study.

US
STREET LAW
9-12
SSZ303
SEM CRS

STREET LAW

This course is 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. Students will study some of the current issues and controversies relating to the law and legal system. Student will learn the different methods of solving legal problems, including, negotiation, mediation, and the trial process.

US
US
MINORITIES
I
9-12
SSZ304
SEM CRS

US MINORITIES I

This course is a sociological study of minority groups in United States history. This consists of a general overview of the sociological framework for the study of minorities to cover such concepts as: discrimination, racism, and dominant-minority relations; the "old" and "new" immigrants from Europe; Native-Americans; East Asian-Americans; and South and Southwest Asian-Americans. Factors promoting the group's entrance to the United States, the struggle for acceptance and assimilation, and the present status of the group to include goals for the future are discussed for each minority grouping.

US
US GOV-
ERNMENT
12
SSG601
SEM CRS

US GOVERNMENT

This course examines the basic set up of the United States Government. Students study the structure of and relationship among the three branches of Government. They also study the qualifications and duties of various officials and examine the relationship between the Federal Government and the states. In addition, a strong emphasis is placed on individual rights and responsibilities in a democracy.

US
A.P. GOV-
ERNMENT—
POLITICS
12
SSG612
Weighted
YR CRS

AP GOVERNMENT— POLITICS

This AP course in U.S Government and Politics will give students analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes within the government. Political beliefs and behaviors, constitutional underpinnings, the relationships between political parties, interest groups, and the media, public policy, and civil rights will be emphasized.
AP EXAM REQUIRED TO RECEIVE WEIGHTED GRADE.

US
ADVANCED
PLACEMENT
US HISTORY
11-12
SSU611
Weighted
YR CRS

ADVANCED PLACEMENT US HISTORY

The AP American History course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in American History. Students should learn to assess historical materials and to draw conclusions from these materials. The course is chronological in nature and covers early Colonial History to the present.

**AP EXAM REQUIRED TO RECEIVE
WEIGHTED GRADE.**

US
SOCIOLOGY
11-12
SSS401
SEM CRS

PSYCHOL-
OGY
11-12
SSP501
SEM CRS

SOCIOLOGY/PSYCHOLOGY

This course applies current theories and research from the disciplines of anthropology, psychology, and sociology to the study of individual development, family behavior, intimate and parent-child relationships, and the ways in which families interact within the diverse Canadian society. Students will learn the interpersonal skills required to contribute to the well-being of families, and the investigative skills required to conduct and evaluate research about individuals and families.

PATHWAYS: 2006—2007

Need 4 Units

Certificates for specific pathways will be issued at graduation for students who have completed the required number of credits in the pathway. Students must complete the required classes in the pathway and then recommended courses so that they have a total of 4 credits in that pathway. Additional courses can be taken in the pathway. As early as possible, students must declare the certificate for which they will be working.

Administration and Information Support

Required: Word Proc. Soft Applications .5
Presentations Soft Applications .5
Spreadsheet Soft Applications .5

Rcmd: Data Base Soft Applications 1
Publications Soft Applications 1
Acct I 1
Computer Applications I .5
Career Practicum 1

National Security

Required: JROTC I 1
JROTC II 1
JROTC III 1

Rcmd: JROTC IV 1
Speech 1
Street Law .5
Career Practicum 1
Psychology .5
Sociology .5

Journalism and Broadcasting

Required: Speech or Journalism 1
Video Communications I 1

Rcmd: Drama Theater 1
Speech or Journalism
Word Proc Soft Applications .5
Video Communications II 1
Career Practicum 1

Manufacturing Production Process Development

Required: Engineer Design & Tech I

Rcmd: Engineering Drawing—CAD 1
Math Analysis 1
Physics 1
Digital Electronics I .5
Digital Electronics II .5
Career Practicum 1

Business Financial Management and Accounting

Required: Accounting I 1
Accounting II 1

Rcmd: Word Proc Soft Applications .5
Present Soft Applications .5
Data Base Soft Applications 1
Spread Sheet Soft Applications 1
Computer Applications I .5
Career Practicum 1

Network Systems

Required: Cisco I 1
Cisco II 1

Rcmd: Digital Electronics I .5
Digital Electronics II .5
Java I .5
Java II .5
Fundamentals of Art 1
Algebra II 1
Career Practicum 1

Audio and Video Technology and Film

Required: Video Communications I 1
Video Communications II 1

Rcmd: Interactive Multimedia 1
Drama Theater 1
Career Practicum 1

Engineering and Technology

Required: Engineering Drawing—CAD 1

Rcmd: Digital Electronics I .5
Digital Electronics II .5
Engineer Design & Tech I
Java I .5
Java II .5
Cisco I 1
Cisco II 1
Math Analysis 1
Physics 1
Career Practicum 1

Computers/Professional—Technical Courses

US
DIGITAL
ELECTRONICS
I/II
9-12
VEE301
VEE401
SEM CRS

DIGITAL ELECTRONICS I/II **COMPUTER ENGINEERING TECHNOLOGIES**

This course examines computer hardware and the control of external components from an engineering perspective. Students will learn how to solve problems and will study the functions of key computer components and peripherals, logic gates, fundamental programming concepts, internal numbering and character representation systems and operating systems and networks. Students will also develop an awareness of potential careers in the field of computer engineering. Electronic components and circuits are examined using digital trainers designed to provide practical hands on activities as well as theoretical coverage of the electronics topic.

US
APPLIED
ARCHITECTURAL
DESIGN CAD
PTE 405
YR CRS
OR
ENGINEERING
DRAWING CAD
PTE 305
YR CRS

APPLIED ARCHITECTURAL DESIGN—CAD/ ENGINEERING-DRAWING CAD **TECHNOLOGICAL DESIGN**

This course requires students to design and develop innovative products and services. Students will learn the following: how to identify user needs related to specified design problems; the physical properties of selected materials and their application in product design; techniques to create physical products and services; various presentation techniques; how to test and evaluate design solutions; and the implications of technology on the development of products or services. They will also become aware of design-related careers. May be used as computer credit.

US
VIDEO COMM I
9-12
PTV301
YR CRS

VIDEO COMMUNICATIONS I

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/nonlinear insert editing, lighting, storyboarding, audio and computer graphics/effects in order to communicate effectively using the video communication medium.

US
VIDEO
COMM II
9-12
PTV401
YR CRS
Prerequisite:
Video Comm
I

VIDEO COMMUNICATIONS II

The Video Communications II course expands on the student's application of skills developed in the first course. Students will use the project-oriented approach to refine their video production techniques while exploring concepts related to, but not limited to, studio production, on-site editing, video switching, lighting, script-writing, computer graphics, interview techniques, and computer based digital video processing.

US
Networking 1
(Cisco Academy 1)
Grades 11-12
BCT502
YR CRS

CISCO NETWORKING 1

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 concept – from pulling cables through such complex concepts as subnet masking rules and strategies.

US
CISCO
Networking
II
Grades 11-12
BCT602
YR CRS

CISCO NETWORKING II

Cisco Networking Academy Program (CCNA 3 & CCNA 4)

CCNA 3: Switching Basics and Intermediate Routing.
The course focuses on advanced IP addressing techniques, intermediate routing protocols, command-line interface configuration of switches, Ethernet switching, Virtual LANs, Spanning Tree Protocol, and VLAN Trunking Protocol.

CCNA 4: WAN Technologies.
The course focuses on advanced IP addressing techniques, Port Address Translation, DHCP, Wan technology and terminology, PPP, ISDN, DDR, Frame Relay, network management, and introduction to optical networking.

Upon completion, students will be eligible to become a CISCO Certified Administrator. DoDEA will provide a voucher that can be redeemed at any CISCO testing site.

US
INTERNATIONAL
BUSINESS
11-12
PTB401S
SEM CRS

MANAGEMENT INTERNATIONAL BUSINESS S

This course provides an overview of the importance of international business and trade in the global economy and explores the factors that influence success in international markets. Students will learn about the techniques and strategies associated with marketing, distribution and managing international business effectively.

US
ENGINEER
DESIGN &
TECH I
10-12
PTE501
SEM CRS

ENGINEER DESIGN & TECH I

The course Robotics introduces students to the technology system, tools, materials process 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 areas: Robotics, Hydraulics and Design.

US
ENGINEER
DESIGN &
TECH II
10-12
PTE601

ENGINEER DESIGN & TECH II

The course Robotics II is a follow up course for students that successfully completed Robotics I. Students will continue learning the technology systems, tools, materials and process of industry through computer and teacher instruction and hands on real world activities. This course will provide students with an intermediate to mastery proficiency in the following three fields: Robotics, Design and Mechanical System.

US
ACCOUNTING I
10-12
BCA401
YR CRS

**ACCOUNTING I/
INTRODUCTION TO FINANCIAL ACCOUNTING**

This course introduces students to the fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills that will assist them in future studies and/or career opportunities in business. Students will acquire an understanding of accounting for a service and a merchandising business, computerized accounting, financial analysis, and current issues and ethics in accounting.

US
ACCOUNT-
ING I
11-12
BCA501
YR CRS

ACCOUNTING II
INTRODUCTION TO FINANCIAL ACCOUNTING

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.

US
BUSINESS
LAW
11-12
BCB501
YR CRS

BUSINESS LAW

Business Law provides the student with a survey of the American legal system. This course develops an understanding of law as applied to society and to the individual. Topics include the judicial system, contracts, warranties, guarantees, consumer protection, real property, landlord and tenant relationships, sole proprietorship, partnerships and corporations.

US
BUSINESS &
PERSONAL
FINANCE
10-12
BCA301

BUSINESS & PERSONAL FINANCES

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.

US
AVIATION
HISTORY/
BALLOON
DESIGN—
JROTC I
9-12
VEF301
YR CRS

**AVIATION HISTORY/BALLOON DESIGN—
JROTC I**

Phase I: Review design, building and initial attempts to fly from Medieval Period to the 19th Century. Flying boats, cape fliers, bi and tri planes. Development of balloon flight from Montgolfier Brothers to Zeppelin dirigibles.
Team training

Phase II: Hands on lab for design and building of balloons from raw materials. Flight of three to nine foot balloons, Initial flight checkout on nine foot dirigible.

Phase III: Leadership training plus enforcement of proper manners and behavior expected of a cadet. Reinforce study habits. Military Customs and Courtesies. Review scholarship opportunities. Drill Team/Color Guard

US
SCIENCE OF
FLIGHT/
AIRCRAFT
MODEL
BUILDING—
JROTC II
Grade 10-12
VEF401
YR CRS

SCIENCE OF FLIGHT/AIRCRAFT MODEL
BUILDING—JROTC II

Phase I: How does an aircraft fly? Human physiology and flight. Aircraft sections and parts. Learn to conduct military briefings on current aviation topics.

Phase II: Introduction to basic ground school. Flight lessons by use of the flight simulator. Review advanced aircraft research through films and computer research.

Phase III: Assignment of job positions within the flight. Training on attributes and behavior of a leader. Review of human behavior and how to praise or how to correct/discipline. Learn how an organization works.

US
SPACE/
ROCKETRY
BUILDING &
LAUNCH—
JROTC III
Grade 11-12
VEF501
YR CRS

SPACE/ROCKETRY BUILDING & LAUNCH—
JROTC III

Phase I: Study the design and building of solid and liquid rockets and boosters from WWII to today. Develop term paper reports on space topic of choice. Visit European space museums.

Phase II: Build and launch a level 1 and a level 3 rocket.

Phase III: Assigned a leadership position requiring management of personnel and resources.

Participate in Promotion Selection Boards and Disciplinary Boards. Review AF scholarship opportunities—college search—and ‘What am I going to do after high school?’

US
SENIOR
MANAGE-
MENT
TRAINING/
SCHOLARH-
SIPS—JROTC
IV
Grade 12
VEF601
YR CRS

SENIOR MANAGEMENT TRAINING/
SCHOLARHIPS—JROTC IV

Assigned senior leadership positions within the Corps. Learn to improve skills managing and directing personnel within your department or under your command from Squadron Commander—Logistics OIC—Flight Commander. Learn time management techniques by developing skill at using a day/timer computer. Set up-attend joint JROTC Units leadership training laboratories. Lab- Blue Shadow Program/ Management of Drill Competition Meet/ Community Service

US
 CAREER
 DECIS MAK-
 ING
 Grade 9-12
VEZ301S
 SEM CRS

CAREER DECIS MAKING

Career Decision Making is designed to provide students with in-depth research of the world of work through self/career awareness, occupational exploration, career interests, work activities, work situations and environment, attitudes toward work, and career planning. Using the information obtained in this course, students are able to understand and to focus on career planning and work relationships. Through the study of various occupations and work opportunities, students will focus on emerging careers in order to make sound decisions as related to career planning. Topics to be studied include: self and career assessments, career exploration, job application activities and techniques, college and technical preparation opportunities, personal qualities required in a work environment, and electronic information sources.

US
 CAREER
 PRACTICUM
 11-12
VEW302
 (2hr)

CAREER PRACTICUM/COOPERATIVE EDUCATION

Career Practicum is a program in which high school students explore vocational and general work activities. The student is evaluated by the instructor and his/her work site supervisor. In addition to receiving letter grades, the CWE student receives selected and precise work experiences and hands-on skills. Financial compensation may be offered. (2 hour - end of day only)

US Per DoDEA: Student must be enrolled in a pathway, the CWE placement must relate to the selected pathway and all required courses must be completed prior to course enrollment.

US
 TRANSIT TO
 POST-SEC
 Grade 9-12
VEZ301S
 SEM CRS

TRANSITION TO POST-SECONDARY

The Transition to Post-Secondary course is designed to offer students the academic and transitional skills necessary to succeed both in a general education classroom and in the world of work. Academic aspects of this course will focus on the reinforcement of reading, written language, mathematical skills and their applications to the work place, independent living situations, and community participation. Preparation for transition encompasses those competencies that will enable student to gain employment and pursue further education and training. General employability competencies include skills in communication and self-assessment and use of technology, self-management, portfolio development and achievement of positive interpersonal relationships. Independent living competencies include knowledge and strategies for managing self-advocacy, recreation/leisure, finance and budgeting, medical services, and housing and transportation.

US
COMPUTER
ANIMATION
Grade 9-12
TES301
YR CRS

COMPUTER ANIMATION

The Computer Animation course is designed to provide students with the instruction and skills to create digital illustrations, modeling and animation, character animation, digital motion imagery, and game design. The content includes, but is not limited to, 3D modeling, materials and textures, rendering, and computer animation. Students will also create, record, and edit digital audio, video, and photographic imagery. This course will utilize software programs to develop animation, morphing, 3-D graphics, and virtual reality projects. It is recommended that aspiring graphic designers, computer animators, electronic game designers, engineers, CAD technicians, architects, interior decorators take this course. This course may be used as an Applied Engineering Technology major as part of the School-to-Work transition guidelines.

US
COMPUTER
SRV/SUPP
Grade 9-12
VEE309
YR CRS

COMPUTER SRV/SUPP

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. This distributed learning model of instruction provides a blend of instruction with hands-on experiences that reflects current industry practices. During the course, students will identify and use hand tools, PC hardware and software, and will explore electronics theory. Installation, upgrade and repair will be explored in new and older personal computer systems. A number of operating systems also will be reviewed. Students will train in a simulated work environment using a distributed learning instructional model.

US
INTERACTIVE MUL-
TIMEDIA
10-12
BCT405
YR CRS
COMPUTER OR
GEN VOC CREDIT

INTERACTIVE MULTIMEDIA

Multimedia I acquaints students with a variety of computer applications selected from among graphics, sound, video, photography, or other available technology. The emphasis of the course is the production of group and individual projects. Digital still and video photography are extensively used. Can be used as a vocational or computer credit.

US
WORD PROC-
ESS SOFT-
WARE APPLI-
CATION
9-12
BCB303
SEM CRS
COMPUTER
CREDIT/GEN
VOC

**WORD PROCESS SOFTWARE APPLICA-
TIONS**

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

US
PRESENTA-
TION SFWR
APP
9-12
BCB304
SEM CRS
COMPUTER
CREDIT/GEN
VOC

PRESENTATION SOFTWARE APPS

Presentation Software Applications provides students with the opportunity to develop professional level skills in presentations software.

US
DATABASE
SFWR APP
9-12
BCB305S
SEM CRS
COMPUTER
CREDIT/GEN
VOC

DATABASE SOFTWARE APPLICATIONS S

Database Software Applications provides students with the opportunity to develop professional level skills in database management.

US
SPREAD-
SHEET SFWR
APP
9-12
BCB306S
Sem CRS
COMPUTER
CREDIT/Gen
Voc

SPREADSHEET SOFTWARE APPLICATIONS S

Spreadsheet Software Applications provides students with the opportunity to develop professional level skills in spreadsheet software.

US
PUBLI-
CATION SFWR
APPS
9-12
BCB308S
SEM CRS
COMPUTER
CREDIT/Gen
Voc

PUBLICATION SOFTWARE APPLICATIONS S

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.

US

IMAGING SFWR APP
9-12
BCC307
YR CRS

IMAGING SFWR APP

Imaging Software Applications provides students with the opportunity to develop professional level skills in imaging software. Instruction will be provided in a lab utilizing individualized instruction and electronic learning services. Students successfully completing this course will be **eligible** to take at least one of the user or specialist exams for imaging software certification.

US

JAVA PRO-
GRAMMING I
9-12
BCC305
SEM CRS

JAVA PRO-
GRAMMING II
9-12
BCC306
SEM CRS

**JAVA PROGRAMMING I/II
COMPUTER AND INFORMATION SCIENCE**

This course helps students examine computer science concepts. Students will outline stages in software development, define standard control and data structures, identify on and off-line resources, explain the functions of basic computer components, and develop programming and problem-solving skills by using operating systems and implementing defined practices. As well as identifying careers in computer science, students will develop an understanding of the ethical use of computers and the impact of emergent technologies on society. These standards are met using problem solving through the JAVA programming language.

US

VB PROGRAM I
9-12
BCC307
SEM CRS

VB PROGRAM I

Programming in Visual BASIC I is a one-semester course that will use the Visual BASIC Language. The emphasis of this course is to write computer programs to solve complex problems.

US

VB PRO-
GRAM II
9-12
BCC308
SEM CRS
PREREQUI-
SITE: VB
PROGRAM I

VB PROGRAM II

Programming in Visual BASIC II is a one-semester course designed to be a continuation of Visual BASIC I. The emphasis of this course is to write computer programs to

Fine Arts

US

ART APPRE-
CIATION S
9-12
ARA302S
SEM CRS

ART APPRECIATION S

The art appreciation course is designed for students who want a broad introduction to the world of art, with or without exploratory work in the studio. The course includes a brief overview of the major styles and periods of world art, facilitated by the use of slides, films, and reproductions. Emphasis will be

US

COMMERCIAL ART S
9-12
ARM401S
SEM CRS
PREREQUISITE: FUNDA-
MENTALS OF ART

COMMERCIAL ART S

The commercial art course is designed to explore the fundamental skills re- quired in the design and production of advertising and promotional art. Em- phasis is placed on the creative processes used before producing finished art- work; 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.

US

FUNDAMENTALS OF ART
9-12
ARA301
YR CRS

FUNDAMENTALS OF ART

VISUAL ARTS

This course emphasizes learning through practice; building on what students know; and introducing them to new ideas, materials, and processes for artistic thinking and experimentation. Student learning will include the refined appli- cation of the elements and principles of design, incorporating the creative and design processes, and the relationship between form and content. Stu- dents learn to work in two and three-dimensional media, exploring drawing, printmaking, painting, graphic arts and sculpture. Students will experience art as a basis for self-discovery and expression and to understand other cultures and ages through the study of their artistic achieve- ment. Students will also learn about the connections between works of art and their historical contexts.

US
HUMANITIES
9-12
HUH401S
SEM CRS

HUMANITIES S

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.

DRAWING

In this course students learn basic drawing techniques and theory to develop the skill of drawing through accurate observation and interpretation. After skills have been learned and practiced, students progress to explore a wide variety of drawing media and to develop ideas as a means of personal expression. This course is excellent for those who feel that they never could learn to draw accurately, as well as for advanced students who are interested in drawing as a means of creative expression. Homework is an integral part of the course.

US
DRAWING
9-12
ARW401
YR CRS

PRINTMAKING

The printmaking course is designed to offer students the opportunity to apply the fundamentals of art to various printmaking processes including relief (linoleum and woodcuts), stencil (paper and silkscreen, lithography, intaglio (etching and engraving), and calligraphic printing. Students gain knowledge of the materials and equipment that are unique to printmaking.

US
PRINTMAKING
9-12
ARK401S
SEM CRS

SCULPTURE

In this course students learn basic sculpture techniques and theory to develop the skill of sculpting through accurate observation and interpretation. After skills have been learned and practiced, students progress to explore a wide variety of sculptural media as a means of personal expression.

US
SCULPTURE
9-12
ARC401
YR CRS

US
STUDIO ART
9-12
ARS401
YR CRS

US
PAINTING
9-12
ARP401
YR CRS

PAINTING

This course is designed for students who want to develop skills in advanced drawing and painting in a variety of media. Emphasis will be placed upon using media for personal expression, interpretive use of color theory and visual conceptualization in developing personal style.

STUDIO ART

The Studio Art course is designed either as units or study in various media, or as an individualized course for advanced students. Students who would like to develop skill in several media would benefit from this course. Students can concentrate on selected media by choosing activities from a wide range of options such as drawing, water-color painting, acrylic painting, oil painting, sculpture, ceramics, commercial art, creative crafts,

US
SHAKESPEARE
9-12
LAL501
YR CRS

SHAKESPEARE

The Shakespeare course is designed to familiarize, and, in many cases, introduce the student to in-depth and extended study of the writings, life, times, and art of Shakespeare and the theory and practice of literary criticism.

US
DRAMA
9-12
DRA301
YR CRS

DRAMA-THEATRE

This course emphasizes the active exploration of dramatic forms and techniques, using material from a wide range of authors, genres and cultures. Students will construct, discuss, perform and analyze drama and then reflect on the experiences to develop an understanding of themselves, the art form and the world around them.

US
MUSIC APPRECIATION
9-12
MUG301S
SEM CRS

MUSIC APPRECIATION

The music appreciation course is designed to Provide students, but not limit them to, the following experiences: listening to a wide variety of musical styles, historical periods, and major thematic trends in music; interpreting the characteristics of style; comparing and analyzing the basic elements of various art forms for similarities and differences; comparing the role of music in different cultures; and understanding that music is basic to human experience.

US
 BEGINNING
 BAND
 9-12
MUI301
 YR CRS

BEGINNING BAND
 This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use.

US
 INTERMEDIATE
 BAND
 9-12
MUI302
 YR CRS

INTERMEDIATE BAND
 This course emphasizes performance of music at an intermediate level that strikes a balance between challenge and skill. Student learning will include participating in creative activities and listening perceptively. Students will also be required to develop a thorough understanding of the language of music, including the elements, terminology, and history.

US
 ADVANCED
 BAND
 9-12
MUI303
 YR CRS

ADVANCED BAND
 This course emphasizes the appreciation, analysis, and performance of various kinds of music, including baroque and classical music, popular music, and Canadian and non-Western music. Students will perform technical exercises and appropriate repertoire, complete detailed creative activities, and analyse and evaluate live and recorded performances. They will continue to increase their understanding of the elements of music while developing their technical and imaginative abilities.

US
 PIANO I
 9-12
MUS303
 YR CRS

PIANO I
 Piano I is a course designed for students beginning in music and keyboard skills. The content includes, but is not limited to, basic hand positions, various rhythms, and learning the notes on the music staff. Finger positions, posture, and notation are emphasized from the first lessons. Tempo markings and dynamics are introduced in various styles of music. The repertoire will include folk songs, marches, classical music, traditional tunes, holiday music, as well music from many different countries. The accompaniment will then follow, challenging students to play with both hands at the same time. Sight-reading and advanced ear training exercises will broaden the ability of each student. Some students will progress at a much faster rate than others in the class. There is no limit to the level each pianist can reach in this first year of class.

US
PIANO I
9-12
MUS304
YR CRS

PIANO II

The Piano II course is designed to further develop students' music and keyboard skills. The content includes, but is not limited to, refining listening skills, and reading and writing notation in bass and treble clefs; reading, writing, and playing more complex rhythm concepts and patterns, constructing major and minor scales with arpeggiated triads and dominant seventh chords played in both hands; playing in varied examples of duple and triple meter; playing technically advanced melodies to enhance left- and right-hand independence, playing varied accompaniment styles and duets; and experimenting with more complex examples of classical and contemporary piano repertoire.

US
SHOW CHOIR
9-12
MUV303
YR CRS

SHOW CHOIR
MUSIC-VOCAL/CHORAL

The show choir course is designed to provide students vocal jazz competencies and experiences. The content includes, but is not limited to the following concepts: sight-reading, music notation vocally, singing three and four-part music, practicing and using vocal improvisation, using back-up accompaniment and ensemble tone color/quality, performing in public performances and musical productions, interpreting contemporary vocal music scores, studying of melodic, rhythmic, and harmonic structure in vocal jazz and popular choral music, studying intonation, singing a cappella, singing with instrumental accompaniment, and creating and performing appropriate choreography.

US
PHYSICAL ACTIVITY
NUTRITION
9-12
PEN301
SEM CRS
REQUIRED

Physical/Health Education

PHYSICAL ACTIVITY AND NUTRITION

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, obtain and analyze data, and develop their own personal physical activity and nutrition plan.

US
P.E. LIFETIME
9-12
PEL301- .5 credit
YR CRS
PERSONAL FIT-
NESS
9-12
PEF301- 1 credit
YR CRS
REQUIRED

P.E. LIFETIME SPORTS /PERSONAL FITNESS

The Physical Education curriculum is designed to provide students with the knowledge and skill to enjoy a lifetime of health and physical fitness. All students will participate in a comprehensive physical fitness program entitled "Physical Best". A semester of personal fitness and a semester of lifetime sports are required for first time PE students. The personal fitness course includes classroom instruction and laboratory/activity periods. Lifetime sports could include, depending on semester and season, volleyball, running, table tennis, archery, badminton, soccer, softball, tennis, golf, bowling, and some team sports.

US
HEALTH
ED
9-12
HLH301
SEM CRS
REQUIRED

HEALTH ED

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 necessary to achieve optimum health.

US
FRENCH I
FLF301
YR CRS

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FRENCH I

The beginner's course in French provides the student with basic skills in understanding the spoken and written language. These skills are built on a foundation of phrase study, vocabulary, simple grammar and everyday conversation. All French courses are based on a four-skill approach -- listening, speaking, reading and writing.

World/International Languages

US
FRENCH II
FLF401
YR CRS

FRENCH II

A continuation of French I. This course provides further study and use of grammar, vocabulary, reading and oral practice through class conversation. The main thrust of the course is communication via skits, oral presentations and compositions.

US
FRENCH III
FLF501
YR CRS

FRENCH III

This course emphasizes the further development of oral communication, reading, and writing skills. Students will build on and apply their knowledge of French while exploring a variety of themes, such as relationships, social trends, and careers. Thematic readings, which include a selection of short stories, articles, and poems, will serve as stepping stones to oral and written activities.

US
FRENCH IV
FLF601
YR CRS

FRENCH IV

This course enables students to increase their knowledge of the French language, further develop their language skills, and deepen their understanding and appreciation of francophone culture around the world. Exploring a variety of themes, students will develop and apply critical thinking skills in discussion, in their analysis and interpretation of texts, and in their own writing.

US
FRENCH V
FLF602
YR CRS

FRENCH V

The foreign language V courses provide special projects and activities for independent study. Students read and write reports on the different classical works written in the host nation/target language. Students are encouraged to write original stories, poems, and essays in the target language. They also view films, videos, plays, filmstrip/cassette sets, and other materials about the host nation's culture, spoken in the target language. When using the computer for writing skills, compositions, and independent study, first drafts are typed, polished, corrected, and modified before printing the final, finished product. Students are encouraged to interact and use the language with native speakers.

US
FRENCH VI
FLF603
YR CRS

FRENCH VI

The foreign language VI is designed to continue reinforcing and expanding language.

US
AP FRENCH LANGUAGE
FLF615
Weighted
YR CRS

ADVANCED PLACEMENT FRENCH LANG

At the advanced placement level, students have achieved the proficiency of a native speaker. These students use culturally appropriate language with few, if any errors. The DODEA Advanced Placement course in language and literature are consistent with the College Board Advanced Placement Programs. The courses are designed to challenge students who wish to complete foreign language courses in high school that are comparable in content and difficulty to foreign language college level courses. AP students demonstrate proficiency in listening, speaking, reading, and writing skills.

AP EXAM REQUIRED TO RECEIVE WEIGHTED GRADE.

US
GERMAN 1
9-12
FLG301
YR CRS

GERMAN I

This course is designed to enable students to begin to communicate with native speakers of language of German. Students will use simple language and read age-and language appropriate passages for various purposes. They will explore aspects of the culture of countries where the language under study is spoken, including social customs and the arts, by participating in cultural events and activities involving both print and technological resources.

US

GERMAN II
FLG401
YR CRS

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GERMAN II

This course provides students with the language learning experiences that will enable them to communicate in the language of German. Students will continue to develop and apply their speaking skills in a variety of contexts and will participate in activities that will improve their reading comprehension and writing skills. They will also continue to explore aspects of the culture of countries where the language under study is spoken by taking part in community sponsored events and activities involving both print and technological resources. Although students will continue to expand their vocabulary and repertoire of language structures, the language they will use at this level will still be simple.

US

GERMAN III
FLG501
YR CRS

GERMAN III

This course offers students opportunities to further develop their knowledge of German and to enhance their communication skills. Students will use increasingly sophisticated language in a variety of activities that will enable them to speak and write with clarity and accuracy. Students will also enhance their thinking skills through the critical study of literature and continue to explore aspects of the culture of countries where the language is spoken through a variety of print and technological resources.

US

GERMAN IV
FLG601
YR CRS

GERMAN IV

This course prepares students for university studies in German. Students will enhance their ability to use the language with clarity and precision and will develop the language skills needed to engage in sustained conversations and discussions, understand and evaluate information, read materials for both study and pleasure and write clearly and effectively. Students will also have opportunities to add to their knowledge of the culture of countries where the language is spoken through the use of community resources and computer technology.

US
 AP GER-
 MAN LAN-
 GUAGE
 11/12
FLG614
 Weighted
 YR CRS

ADVANCED PLACEMENT GERMAN LANG

At the advanced placement level, students have achieved the proficiency of a native speaker. These students use culturally appropriate language with few, if any errors. The DODEA Advanced Placement course in language and literature are consistent with the College Board Advanced Placement Programs. The courses are designed to challenge students who wish to complete foreign language courses in high school that are comparable in content and difficulty to foreign language college level courses. AP students demonstrate proficiency in listening, speaking, reading, and writing skills.

AP EXAM REQUIRED TO RECEIVE WEIGHTED GRADE.

US
 SIGN LAN-
 GUAGE
 9-12
FLZ531

SIGN LANGUAGE

Under construction.

US
 SPANISH I
 9-12
FLS301
 YR CRS

SPANISH I

This course is designed to enable students to begin to communicate with native speakers of language of Spanish. Students will use simple language and read age-and language appropriate passages for various purposes. They will explore aspects of the culture of countries where the language under study is spoken, including social customs and the arts, by participating in cultural events and activities involving both print and technological resources.

US
 SPANISH II
 9-12
FLS401
 YR CRS

SPANISH II

This course provides students with the language learning experiences that will enable them to communicate in the language of Spanish. Students will continue to develop and apply their speaking skills in a variety of contexts and will participate in activities that will improve their reading comprehension and writing skills. They will also continue to explore aspects of the culture of countries where the language under study is spoken by taking part in community sponsored events and activities involving both print and technological resources. Although students will continue to expand their vocabulary and repertoire of language structures, the language they will use at this level will still be simple.

US
SPANISH III
9-12
FLS501
YR CRS

SPANISH III

This course offers students opportunities to further develop their knowledge of Spanish and to enhance their communication skills. Students will use increasingly sophisticated language in a variety of activities that will enable them to speak and write with clarity and accuracy. Students will also enhance their thinking skills through the critical study of literature and continue to explore aspects of the culture of countries where the language is spoken through a variety of print and technological resources.

US
SPANISH IV
9-12
FLS601
YR CRS

SPANISH IV

This course prepares students for university studies in Spanish. Students will enhance their ability to use the language with clarity and precision and will develop the language skills needed to engage in sustained conversations and discussions, understand and evaluate information, read materials for both study and pleasure and write clearly and effectively. Students will also have opportunities to add to their knowledge of the culture of countries where the language is spoken through the use of community resources and computer technology.

US
AP SPAN-
ISH Lan-
guage
11/12
FLS614
YR CRS

ADVANCED PLACEMENT SPANISH LANG

At the advanced placement level, students have achieved the proficiency of a native speaker. These students use culturally appropriate language with few, if any errors. The DODEA Advanced Placement course in language and literature are consistent with the College Board Advanced Placement Programs. The courses are designed to challenge students who wish to complete foreign language courses in high school that are comparable in content and difficulty to foreign language college level courses. AP students demonstrate proficiency in listening, speaking, reading, and writing skills.

AP EXAM REQUIRED TO RECEIVE WEIGHTED GRADE.

Electives

US
 YEARBOOK
 PRODUC-
 TION
AAY301
 9-12
 YR CRS

**YEARBOOK PRODUCTION/
 COMMUNICATIONS TECHNOLOGY**

This course is designed to give the students the experience of preparing a school yearbook for production using digital technology. They will be involved in all aspects of the preparation including planning, research, photography, copy writing and page layout. They will also be involved in the after-production aspects including advertising, sales and distribution. The emphasis will be on student-oriented activities and encourage a hands-on approach in those individual and cooperative activities. The page layout will be done completely on the computer using a page lay-out software compatible with the chosen printing company. Photographs will generally be taken using a digital camera, but print photographs will also be used and will be scanned in to the pages. Students' initiative, creativity, organizational skills and ability to work in groups will be encouraged.

US
 JOURNALISM
 I/II
 9-12
LJ401
 YR CRS

**JOURNALISM
 COMMUNICATIONS TECHNOLOGY**

The course is an overview of the field of journalism. It includes press freedoms and responsibilities as well as the practical aspects of producing a newspaper. Writing projects will include: news stories; feature stories; editorials; sports stories; columns; reviews. Students are involved in both group and individual projects and will contribute to the school newspaper. Journalism is an elective in the Language Arts department.

US
 COLLEGE
 ENTRANCE-
 PREP
 10-12
PPS401
 SEM CRS

COLLEGE ENTRANCE PREP

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.

US
SPEECH
9-12
LAS401S
SEM CRS

SPEECH

The speech 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. When the school elects to offer the course for 36 weeks, the second semester will focus primarily on debate. Content includes, but is not limited to, learning to appreciate the value of debating and the skills needed for it; using proper debating technique, including three types of formal debate -Lincoln-Douglas, formal college debating, and formal debating with cross-examination; writing and delivering constructive speeches, rebuttals, and cross-examinations; and researching a topic thoroughly.

US
AVID
9-12
LAV301
LAV401
LAV501
LAV601
SEM/YR
CRS

AVID 9,10,11,12 (Recommended to be a 4 yr program)

In AVID, students enroll in rigorous courses and receive extra encouragement and academic support through tutorials not offered in traditional classroom settings. AVID also supplies support through: study skills and time management; academic preparation into college, particularly in composition and organization; motivation to seek a college education and awareness of career possibilities, and encouragement to stick to a plan. AVID creates a subculture in which academic achievement is an acceptable goal. AVID is not a program for students with discipline or attendance problems. AVID is not a study skills program, but study skills are addressed in the curriculum. Students selected for AVID must be enrolled in rigorous courses as identified: 8th grade Algebra, HS Honors English, and AP classes for seniors. Minimum qualifications include: Terra Novastanines 5-7 in language and math; GPA 2.0-3.5 (MS) and 2.0-3.0 (HS); completed application/teacher recommendation; and signed contract. **(A 4 yr program. To be scheduled where possible)**

US

READING
LAB
9-12
**RED305/
RED405/
RED505/
RED605**

YR CRS

READING LAB 9, 10, 11, 12

This course is designed to improve the high school student's reading skills. The SRI (Scholastic Reading Inventory) will be administered at the start of the term, at mid term and at the end of the term to evaluate student growth. Students will work independently using the Scholastic Read 180 computer program to improve vocabulary, spelling, and reading comprehension skills. Students will work in large group and small group on reading strategies. Students will also use class time for pleasure reading.

US

RESEARCH
PROJECT
9-12
INS341
YR CRS

RESEARCH PROJECT

The research project course is designed to develop students' abilities to plan, conduct and present a firsthand, original investigation of an original research hypothesis, using appropriate research design. The course emphasizes the development of skills including cognitive, learning-to-learn, problem-solving, decision-making, inquiry, synthesis, analysis, and communication skills. The focus of the investigation/research is original, using real problems and discovery of new or original information. Students may be involved in assigned or prototype project(s) prior to embarking on the original investigation/research projects. An emphasis of the original investigation/research is to bring about some form of change or to contribute something new. Students use the modes of investigation and research procedures used by a practicing professional. The outcome of the investigation/research project is a product, such as a written report and/or construction that is done in a professional manner and is presented to an audience.

US

LEARNING
STRATEGIES
AAC331

LEARNING STRATEGIES Grades

ONLY FOR STUDENTS WITH AN I.E.P.

AFS

40

2.0

The Department of Defense Dependents Schools (DoDDS) is committed to high academic standards. Students must have a minimum cumulative grade point average of 2.0 to graduate from a DoDEA high school.

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