

AFNORTH  
INTERNATIONAL  
HIGH SCHOOL

# COURSE CATALOGUE SY 2006-07



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

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

On page 5 of this calendar 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 course pre-requisites in those catalogues too.

Guidance Counselors:

Mr. D. US students Grades 10 to 12  
045 527-8270

Ms. E. US students Grades 7 to 9  
045 527-8264

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Principals:

Mrs. Forbis US  
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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 9-11 2006—2007  
Graduation Requirements**

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

**Grade 12 2006—2007  
Graduation Requirements**

<b>U.S. DODEA</b>	
<b>SUBJECT</b>	<b># CREDIT</b>
<b>Language Arts/English</b> Up to 2 credits of ESL	4
<b>Social Studies</b> 1 Credit of US History * .5 Credit of Government *	3
<b>Math</b> 1 Credit of Algebra 1 Credit of Geometry	3
<b>Science</b>	3
<b>Career Education</b>	1
<b>Foreign Language</b> (2 years same language)	2
<b>Fine Arts</b>	1
<b>Physical Education</b> .5 Credit of Personal Fitness .5 Credit of Lifetimes Sports	1
<b>Computer Science</b>	1
<b>Health</b> .5 Credit of Health Ed. I	0.5
<b>Electives</b>	4.5
<b>TOTAL REQUIRED</b>	24
<b>2.0 GPA OR HIGHER</b>	
<p>*For non-U.S. students seeking a DODEA diploma, the U.S. Principal may grant a waiver to replace the U.S. History and/or U.S. Government with an equivalent country, regional, or world history course.</p>	

## 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**  
Lang Arts  
Lab 9  
**LAE 305**  
YR CRS

### LANGUAGE ARTS LAB 9 (Elective Credit)

Language Arts Lab 9 empowers students to be successful in their regular Language Arts 9 class. Students between the 25th and 50th percentile on the Terra Nova or other standardized test and /or have a D/F as semester grade (s) in Language Arts 8 will be placed into this class in conjunction with Language Arts 9. The focus of this class is “reading to learn”.

**US**  
Elective  
Credit

### **Canada**

ENGLISH  
Grade 9  
Academic  
**ENG1D**  
Prerequisite:  
None  
YR CRS

### ENGLISH, Grade 9, Academic

This course emphasizes analytic reading, writing, oral communication, and thinking skills that students need for success in secondary school academic programs and their daily lives. Students will study and interpret texts from contemporary and historical periods, including plays, short stories, and short essays, and will investigate and create media works. An important focus will be on the correct and effective use of spoken and written language.

**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**  
Lang Arts  
Lab 10  
**LAE 405**  
YR CRS

**LANGUAGE ARTS LAB 10** (Elective Credit)

Language Arts Lab 10 empowers students to be successful in their regular Language Arts 10 class. Students between the 25th and 50th percentile on the Terra Nova or other standardized test and /or have a D/F as semester grade (s) in Language Arts 9 will be placed into this class in conjunction with Language Arts 10, The focus of this class is “reading to learn”.

**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.

<p><b>US</b> Elective Credit</p>	<p><b>Canada</b> ENGLISH Grade 10 Academic <b>ENG2D</b> Prerequisite: ENG1D</p>	<p><b>ENGLISH, Grade 10, Academic</b> This course extends the range of analytic, reading, writing, oral communication, and thinking skills that students need for success in secondary school academic programs. Students will study and interpret challenging texts from contemporary and historical periods, including novels, poems, plays, and opinion pieces, and will analyze and create effective media works. An important focus will be the thoughtful use of spoken and written language.</p>
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<p><b>US</b> LANG. ARTS 11 <b>LAE501</b> YR CRS</p>	<p><b>Canada</b> LITERACY SKILLS Reading and writing Grade 11 Open <b>ELS30</b></p>	<p><b>LANGUAGE ARTS 11</b> 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. ***** <b>LITERACY SKILLS: READING AND WRITING</b> Grade 11, Open This course emphasizes the strengthening of essential reading and writing skills. Students will read short plays, stories, novels, poems, newspaper and magazine articles and opinion pieces with particular attention to locating important information, identifying main ideas and supporting details, extending personal knowledge, responding imaginatively and using specific strategies to expand vocabulary. A focus will be on writing clear, accurate, coherent narratives, summaries, reports, letters and short essays, using correct grammar, punctuation and spelling.</p>
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<p><b>US</b> Elective Credit</p>	<p><b>Canada</b> ENGLISH Grade 11 University Preparation <b>ENG3U</b> Prerequisite: ENG2D</p>	<p><b>ENGLISH, Grade 11, University Preparation</b> This course emphasizes the development of literacy, critical thinking, and communication skills. Students will analyze challenging texts, both contemporary, and historical; conduct research and analyze the information gathered; write persuasive and literary essays; and analyze the relationship among media forms, audiences, and media industry practices. An important focus will be on understanding the development of the English language.</p>
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<p><b>US</b> LANG ARTS Lab 11 <b>LAE 505</b> YR CRS</p>	<p><b>LANGUAGE ARTS LAB 11 (Elective Credit)</b> Language Arts Lab 11 empowers students to be successful in their regular Language Arts 11 class. Students between the 25th and 50th percentile on the Terra Nova or other standardized test and /or have a D/F as semester grade (s) in Language Arts 10 will be placed into this class in conjunction with Language Arts 11. The focus of this class is "reading to learn".</p>
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**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**  
LANG ARTS  
Lab 12  
**LAE 605**  
YR CRS

**LANGUAGE ARTS LAB 12** (Elective Credit)

Language Arts Lab 12 empowers students to be successful in their regular Language Arts 12 class. Students between the 25th and 50th percentile on the Terra Nova or other standardized test and /or have a D/F as semester grade (s) in Language Arts 11 will be placed into this class in conjunction with Language Arts 12. The focus of this class is "reading to learn".

**US**  
Elective  
Credit

**Canada**  
ENGLISH  
Grade 12  
College  
Preparation  
**ENG4C**  
Prerequisite:  
English,  
Grade 11,  
College  
Preparation

**ENGLISH, Grade 12, College Preparation**

This course emphasizes consolidation of literacy, critical thinking and communication skills. Students will analyze informational texts and literary works from various time periods, countries and cultures; write research reports, summaries and short analytical essays; complete an independent study project; analyze the interactions among media forms, audiences and media industry practices. An important focus will be on establishing appropriate style and using business and technical language effectively.

**US**  
AP ENGLISH  
LITERATURE  
AND  
COMPOSITION  
**LAL613**  
Weighted  
YR CRS

**Canada**  
ENGLISH  
Grade 12  
University  
Preparation  
**ENG4U**  
**(AP)**

**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.**

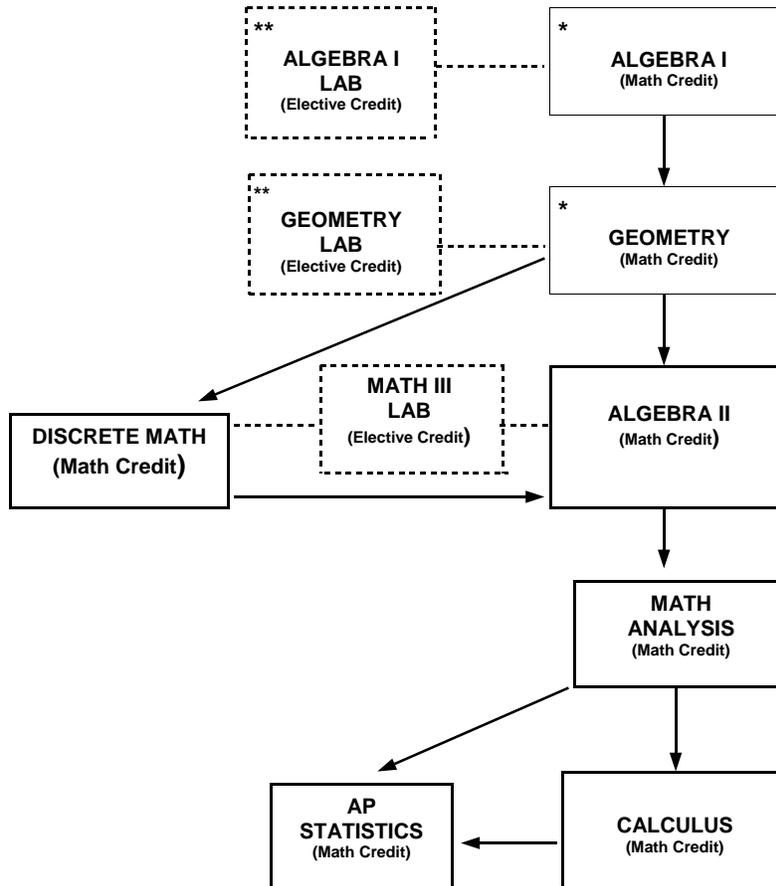
**US**  
ESL 1  
9-12  
ESL I, II, III,  
IV  
**LAA301/  
401/  
501/ 601**  
YR CRS

**ENGLISH AS A 2ND LANGUAGE I, II, III, IV**

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

**Canada**  
PRINCIPLES  
OF MATHE-  
MATICS  
Academic  
Grade 9  
**MPM1D**  
**Prerequisite:**  
**None**

**PRINCIPLES OF MATHEMATICS, Grade 9, Academic**  
This course enables students to develop generalizations of mathematical ideas and methods through the exploration of applications, the effective use of technology, and abstract reasoning. Students will investigate relationships to develop equations of straight lines in analytic geometry, explore relationships between volume and surface area of objects in measurement, and apply extended algebraic skills in problem solving. Students will engage in abstract extensions of core learning that will deepen their mathematical knowledge and enrich their understanding.

**US**  
Elective  
Credit

**Canada**  
FOUNDATIONS OF  
MATHEMATICS  
Applied  
Grade 9  
**MFM1P**  
**Prerequisite:**

**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.

<p><b>US</b> Elective Credit</p>	<p><b>Canada</b> PRINCIPLES OF MATHE- MATICS, Grade 10, Academic <b>MPM2D</b> Prerequisite: MPM1D</p>	<p><b><u>PRINCIPLES OF MATHEMATICS, Grade 10, Academic</u></b> This course enables students to broaden their understanding of relations, extend their skills in multi-step problem solving, and continue to develop their abilities in abstract reasoning. Students will pursue investigations of quadratic functions and their applications; solve and apply linear systems; solve multi-step problems in analytic geometry to verify properties of geometric figures; investigate the trigonometry of right and acute triangles; and develop supportive algebraic skills.</p>
<p><b>US</b> Elective Credit</p>	<p><b>Canada</b> FOUNDA- TIONS OF MATHEMAT- ICS Grade 10 Applied <b>MF2P</b> Prerequisite: MPM1D or MPM1P</p>	<p><b><u>FOUNDATIONS OF MATHEMATICS, Grade 10, Applied</u></b> This course enables students to consolidate their understanding of key mathematical concepts through hands-on activities and to extend their problem-solving experiences in a variety of applications. Students will solve problems involving proportional reasoning and the trigonometry of right triangles; investigate applications of piecewise linear functions; solve and apply systems of linear equations; and solve problems involving quadratic functions. The effective use of technology in learning and in solving problems will be a focus of the course.</p>
<p><b>US</b> Elective Credit</p>	<p><b>Canada</b> MATHEMATICS OF PERSONAL FINANCE Grade 11 College Preparation <b>MBF 3C</b> Prerequisite: MPM2D or MPM2P</p>	<p><b><u>FOUNDATIONS FOR COLLEGE MATHEMATICS Grade 11, College Preparation</u></b> This course enables students to broaden their understanding of mathematics as a problem-solving tool in the real world. Students will extend their understanding of quadratic relations, as well as of measurement and geometry; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; and develop their ability to reason by collecting, analyzing, and evaluating data involving one and two variables. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.</p>

<p><b>US</b> Elective Credit</p>	<p><b>Canada</b> FUNCTIONS AND APPLI- CATIONS Grade 11 University/ College Preparation <b>MCF 3M</b> Prerequisite: MPM2D or MFM2P</p>	<p><b><u>FUNCTIONS AND APPLICATIONS, Grade 11, University/College Preparation</u></b> This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modeling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to financial and trigonometric applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.</p>
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<p><b>US</b> Elective Credit</p>	<p><b>Canada</b> FUNCTIONS Grade 11 University Preparation <b>MCR3U</b> Prerequisite: MPM2D</p>	<p><b><u>FUNCTIONS , Grade 11, University Preparation</u></b> This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerical, algebraically, and graphically; solve problems involving applications of functions; and develop facility in simplifying polynomial and rational expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.</p>
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<p><b>US</b> <b>MAZ501</b> 36 Weeks Recom- mended: Alg I and Geometry</p>	<p><b><u>DISCRETE MATH</u></b> 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?</p>
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**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.

<p><b>US</b> Elective Credit</p>	<p><b>Canada</b> GEOMETRY AND DIS- CRETE MATHEMAT- ICS Grade 12 University Preparation <b>MGA4U</b> Prerequisite: MCR3U</p>	<p><b><u>GEOMETRY AND DISCRETE MATHEMATICS, Grade 12, University Preparation</u></b> This course enables students to broaden mathematical knowledge and skills related to abstract mathematical topics and to the solving of complex problems. Students will solve problems involving geometric and Cartesian vectors, and intersections of lines and planes in three-space. They will also develop an understanding of proof, using deductive, algebraic, vector, and indirect methods. Students will solve problems involving counting techniques and prove results using mathematical induction.</p>
<p><b>US</b> AP STATIS- TICS <b>MAZ611</b> <u>Weighted</u> 11-12 YR CRS RECOM- MENDED PREPARA- TION: Alge- bra II</p>	<p><b><u>ADVANCED PLACEMENT STATISTICS</u></b> 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: <b>Exploring Data:</b> Observing patterns &amp; departures from patterns. <b>Planning and Study:</b> Deciding what &amp; how to measure. <b>Anticipating Patterns:</b> Producing models using probability &amp; simulation. <b>Statistical Inference:</b> Confirming models. <b>AP EXAM REQUIRED TO RECEIVE WEIGHTED GRADE.</b></p>	
<p><b>US</b> ADVANCED PLACEMENT CALCULUS 11-12 <b>MAC612/ MAC613</b> <u>Weighted</u> YR CRS</p>	<p><b><u>ADVANCED PLACEMENT CALCULUS AB/BC</u></b> 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. <b>AP EXAM REQUIRED TO RECEIVE WEIGHTED GRADE.</b></p>	

## Science

### **US**

Elective  
Credit.

### **Canada**

SCIENCE  
Grade 9  
Academic

**SNC 1D**

Prerequisite:

None

### **SCIENCE, Grade 9, Academic**

This course enables students to understand basic concepts in biology, chemistry, earth and space science, and physics; to develop skills in the processes of scientific inquiry; and to relate science to technology, society, and the environment. Students will learn scientific theories and conduct investigations related to cell division and reproduction; atomic and molecular structures and the properties of elements and compounds; the universe and space exploration and the principles of electricity.

### **US**

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

### **Canada**

BIOLOGY  
Grade 11  
University  
Preparation

**SBI 3U**

Prerequisite:

SNC2D

### **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 SCI-  
 ENCE  
 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:  
 APPLICA-  
 TIONS 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  
 RECOM-  
 MENDED Alge-  
 bra II concur-  
 rent or prior

**Canada**  
 CHEMISTRY  
 Grade 11  
 University  
 Preparation  
**SCH 3U**  
Prerequisite:  
**SNC2D**

**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 CHEMIS-  
TRY  
**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  
APPLICA-  
TIONS IN  
THE COM-  
MUNITY  
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  
PRREPARATION:  
Algebra II

**Canada**  
PHYSICS  
Grade 11  
University  
Preparation  
**SPH 3U**  
Prerequisite:  
SNC2D

**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  
**LAE371**  
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

**Canada**  
AMERICAN  
HISTORY  
Grade 11 Uni-  
versity Prepara-  
tion  
**CHA3U**  
Prerequisite:  
CHC2D or  
CHC2P  
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**  
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  
**SSG601**  
 Weighted  
 SEM 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**  
 ECONOM-  
 ICS  
**SSN401**  
 10-12  
 SEM CRS

**Canada**  
 THE INDI-  
 VIDUAL  
 AND THE  
 ECONOMY  
 Grade 11  
**CIE3M**  
 Prerequisite:  
 CHC20 or  
 CHC2P  
 YR CRS

**ECONOMICS/THE INDIVIDUAL AND THE ECONOMY**

This course explores economic concepts relating to the Canadian economic system that will help students make informed decisions about how to use resources to satisfy wants and needs. Students will use economic concepts and models, as well as methods of economic inquiry to analyze the choices they will make during their lives as consumers, contributors and citizens in a mixed economy.

<p><b>US</b> ADVANCED PLACEMENT US HISTORY 11-12 <b>SSU611</b> Weighted YR CRS RECOM- MENDED US History</p>	<p><b>ADVANCED PLACEMENT US HISTORY</b> 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. <b>AP EXAM REQUIRED TO RECEIVE WEIGHTED GRADE.</b></p>	
<p><b>US</b> SOCIOLOGY 11-12 <b>SSS401</b> SEM CRS  PSYCHOL- OGY 11-12 <b>SSP501</b> SEM CRS</p>	<p><b>Canada</b> INDIVIDUALS AND FAMILIES IN A DIVERSE SOCIETY Grade 12, Uni- versity/College Preparation <b>HHS4M</b>  Prerequisite: Any university, university/ college, or col- lege preparation course in social sciences and humanities, English, or Canadian and world Studies</p>	<p><b>SOCIOLOGY/PSYCHOLOGY</b> <b>INDIVIDUALS AND FAMILIES IN A DIVERSE SOCIETY, Grade 12, University/College Preparation</b> 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.</p>
<p><b>US</b> Elective Credit SEM CRS</p>	<p><b>Canada</b> CIVICS Grade 10 Open <b>CHV20</b> SEM CRS .5 Credit <u>Prerequisite:</u> None</p>	<p><b>CIVICS</b> This course explores what it means to be an informed, participating citizen in a democratic society. Students will learn about the elements of democracy and the meaning of democratic citizenship in local, national, and global contexts. In addition, students will learn about social change, examine decision-making processes in Canada, explore their own and others' beliefs and perspectives on civics questions, and learn how to think and act critically and creatively about public issues.</p>

## **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: Robotics 1 & 2 1  
Computer Aided MANU I & II 1

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  
Robotics I .5  
Robotics II .5  
Computer Aided Manu I .5  
Computer Aided Manu II .5  
Java I .5  
Java II .5  
Cisco I 1  
Cisco II 1  
Math Analysis 1  
Physics 1  
Career Practicum 1

## **Professional—Technical Courses**

<p><b>US</b> DIGITAL ELECTRONICS I/II 9-12 <b>VEE301</b> <b>VEE401</b> SEM CRS</p>	<p><b>Canada</b> COMPUTER ENGINEER- ING TECH- NOLOGIES Grade 10 <b>TEE20</b> <u>Prerequisite:</u> None</p>	<p><b><u>DIGITAL ELECTRONICS I/II</u></b> <b><u>COMPUTER ENGINEERING TECHNOLOGIES</u></b></p> <p>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.</p>
<p><b>US</b> ENGINEER- ING DRAW- ING CAD <b>TED303</b> YR CRS OR Architectural Drawing <b>TED302</b> YR CRS</p>	<p><b>Canada</b> TECHNOLOGI- CAL DESIGN Grade 10 Open <b>TDJ20</b> <u>Prerequisite:</u> None</p>	<p><b><u>ARCHITECTURAL DRAWING/ENGINEERING - DRAWING CAD</u></b> <b><u>TECHNOLOGICAL DESIGN</u></b></p> <p>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 of services. They will also become aware of design-related careers. May be used as computer credit.</p>

**US**  
VIDEO  
COMM I  
9-12  
**PTV301**

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

**Canada**  
ICN36

**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

**Canada**  
ICN46

**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.

<p><b>US</b> INTERNATIONAL BUSINESS 11-12 <b>BCM502</b> YR CRS</p>	<p><b>Canada</b> INTERNATIONAL BUSINESS Grade 12, University/College Preparation <b>BBB4M</b> <u>Prerequisite:</u> Any University/College course in business studies or Canadian and World Studies. YR CRS</p>	<p><b><u>INTERNATIONAL BUSINESS</u></b> 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.</p>
<p><b>US</b> ROBOTICS I 10-12 <b>VEE406</b> SEM CRS</p>	<p><b><u>ROBOTICS I</u></b> 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.</p>	
<p><b>US</b> ROBOTICS II 10-12 <b>VEE407</b> SEM CRS</p>	<p><b><u>ROBOTICS II</u></b> 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.</p>	
<p><b>US</b> ACCOUNTING I 10-12 <b>BCA401</b> YR CRS</p>	<p><b>Canada</b> INTRODUCTION TO FINANCIAL ACCOUNTING GRADE 11 <b>BAF3M</b> YR CRS This course must be taken as a year course including Accounting I and Accounting II</p>	<p><b><u>ACCOUNTING I/INTRODUCTION TO FINANCIAL ACCOUNTING</u></b> 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.</p>

<p><b>US</b> ACCOUNTING I 11-12 <b>BCA501</b> YR CRS</p>	<p><b>Canada</b> INTRODUCTION TO FINANCIAL ACCOUNTING GRADE 11 <b>BAF3M</b> YR CRS</p> <p>This course must be taken as a year course including Accounting I and Accounting II</p>	<p><b>ACCOUNTING II</b> <b>INTRODUCTION TO FINANCIAL ACCOUNTING</b></p> <p>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.</p>
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<p><b>US</b> <b>AVIATION HISTORY/BALLOON DESIGN—JROTC I</b> 9-12 <b>VEF301</b> YR CRS</p>	<p><b>AVIATION HISTORY/BALLOON DESIGN—JROTC I</b></p> <p>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</p> <p>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.</p> <p>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</p>
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<p><b>US</b> <b>SCIENCE OF FLIGHT/AIRCRAFT MODEL BUILDING—JROTC II</b> Grade 10-12 <b>VEF401</b> YR CRS</p>	<p><b>SCIENCE OF FLIGHT/AIRCRAFT MODEL BUILDING—JROTC II</b></p> <p>Phase I: How does an aircraft fly? Human physiology and flight. Aircraft sections and parts. Learn to conduct military briefings on current aviation topics.</p> <p>Phase II: Introduction to basic ground school. Flight lessons by use of the flight simulator. Review advanced aircraft research through films and computer research.</p> <p>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.</p>
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**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/  
SCHOLARHSIPS—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  
PRACTICUM  
10/12  
**VEW301**  
(1hr)  
**VEW302**  
(2hr)  
**VEW303**  
(3hr)  
YR CRS

**Canada**  
COOPERA-  
TIVE EDUCA-  
TION  
  
Canadian  
credit should  
accompany  
credit taken in  
an elective

**US Per DoDEA: Student must be enrolled in a pathway and the CWE placement must relate to the selected pathway.**

**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.

**US**  
COMPUTER  
APPLICATIONS  
I  
9-12  
**BCT301**  
SEM CRS  
COMPUTER  
CREDIT

**COMPUTER APPLICATIONS**

This course sequence covers the fundamental computer applications that students will need to use in their high school core curriculum areas. Word, Excel, and Access will be followed in the second semester by PowerPoint, MS Publisher, and web design software. Students will also consider issues of computer hardware, computer history, ethics, security, and potential career paths in this context. Internet research as well as the use of scanned, downloaded, and/or photographed digital images will be incorporated with work in the studied applications, where

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

**MULTIMEDIA I**

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  
PROCESS  
SOFTWARE  
APPLICA-  
TION  
9-12  
**BCB303**  
SEM CRS  
COMPUTER  
CREDIT

**WORD PROCESS SOFTWARE APPLICATIONS**

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

**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  
**BCB305**  
 YR CRS  
  
 COMPUTER  
 CREDIT

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

**US**  
 SPREAD-  
 SHEET SFWR  
 APP  
 9-12  
**BCB306**  
 YR CRS  
  
 COMPUTER  
 CREDIT

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

**US**  
 PUBLICA-  
 TION SFWR  
 APPS  
 9-12  
**BCB308**  
  
 YR CRS  
 COMPUTER  
 CREDIT

**PUBLICATION SOFTWARE APPLICATIONS**  
 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**  
 JAVA PRO-  
 GRAMMING 1  
 9-12  
**BCC305**  
 SEM CRS  
  
 JAVA PRO-  
 GRAMMING II  
 9-12  
**BCC306**  
 SEM CRS

**Canada**  
 COMPUTER  
 AND INFOR-  
 MATION SCI-  
 ENCE  
 University/  
 College Prepa-  
 ration  
 Grade 11  
**ICS4M**  
Prerequisite:  
 ICS3M

**JAVA PROGRAMMING 1/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.

## Fine Arts

**US**  
FUNDAMEN-  
TALS OF ART  
9-12  
**ARA301**  
YR CRS

**Canada**  
VISUAL ARTS  
Grade 10  
Open  
**AVI10**  
Prerequisite:  
None

### **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 application of the elements and principles of design, incorporating the creative and design processes, and the relationship between form and content. Students learn to work in two and three-dimensional media, exploring drawing, print-making, 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 achievement. Students will also learn about the connections between works of art and their historical contexts.

**US**  
DRAWING  
9-12  
**ARW401**  
YR CRS

**Canada**  
DRAWING  
**AWL 4M**  
Prerequisite:  
AVI 10

### **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**  
SCULPTURE  
9-12  
**ARC401**  
YR CRS

**Canada**  
SCULPTURE  
**AWP 4M**  
Prerequisite:  
AVI 10

### **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.

<p><b>US</b> PAINTING 9-12 <b>ARP401</b> YR CRS</p>	<p><b>Canada</b> PAINTING <b>AWN 4M</b> Prerequisite: AVI 10</p>	<p><b><u>PAINTING</u></b> 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.</p>
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<p><b>US</b> STUDIO ART 9-12 <b>ARS401</b> YR CRS</p>	<p><b><u>STUDIO ART</u></b> 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, watercolor painting, acrylic painting, oil painting, sculpture, ceramics, commercial art, creative crafts, lettering, printmaking, and mixed media.</p>
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<p><b>US</b> DRAMA 9-12 <b>DRA301</b> YR CRS</p>	<p><b>Canada</b> DRAMATIC ARTS Grade 9, Open <b>ADA10</b> Prerequisite: None</p>	<p><b><u>DRAMA-THEATRE</u></b> 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.</p>
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<p><b>US</b> BEGINNING BAND 9-12 <b>MUI301</b> YR CRS</p>	<p><b>Canada</b> MUSIC Grade 9 Open <b>AMU 10</b> Prerequisite: None</p>	<p><b><u>BEGINNING BAND</u></b> 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.</p>
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<p><b>US</b> INTERMEDIATE BAND 9-12 <b>MUI302</b> YR CRS</p>	<p><b>Canada</b> MUSIC Grade 10 Open <b>AMU 20</b> Prerequisite: None</p>	<p><b><u>INTERMEDIATE BAND</u></b> 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.</p>
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**US**  
 ADVANCED  
 BAND  
 9-12  
**MUI303**  
 YR CRS

**Canada**  
 MUSIC  
 Grade 11  
 University/  
 College Prepa-  
 ration  
**AMU 3M**  
 Prerequisite:  
 AMU20

**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**  
 Under Construction

**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

**Canada**  
 MUSIC,  
 Grade 12  
 University/  
 College  
 Preparation  
**AMV 4M**  
 Prerequisite:  
 Music, Grade  
 11, Univer-  
 sity/ College  
 Preparation  
 or Open  
 Note: This  
 course is  
 taught via  
 Advanced  
 Band

**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.

## Physical/Health Education

**US**  
 PHYSICAL  
 ACTIVITY  
 NUTRITION  
 9-12  
**PEN301**  
 SEM CRS

**Canada**  
 HEALTHY  
 ACTIVE  
 LIVING EDU-  
 CATION  
 Grade 9 Open  
**PPL20**  
Prerequisite:  
 None

**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-  
 NNESS  
 9-12  
**PEF301**- 1 credit  
 YR CRS  
 Required for all  
 first time PE  
 Students

**P.E. LIFETIME SPORTS /PERSONAL FIT-  
 NNESS**

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

**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.

## **World/International Languages**

**US**  
FRENCH I  
**FLF301**  
YR CRS

**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.

**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

**Canada**  
CORE  
FRENCH  
Grade 9  
Academic  
**FSF1D**  
Prerequisite:  
Minimum of  
600 hours of  
French in-  
struction or  
equivalent.

**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

**Canada**  
CORE  
FRENCH  
Grade 10  
Academic  
**FSF2D**  
Prerequisite:  
FSF1D

**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

**Canada**  
CORE FRENCH Grade  
11  
University Preparation  
**FSF3U**  
Prerequisite: FSF2D

**FRENCH V**

This course draws on a variety of themes to promote extensive development of reading and writing skills and to reinforce oral communication skills. Students will gain a greater understanding of French-speaking cultures in Canada and around the world through their reading of a variety of materials, including a short novel or a play. Students will provide various written assignments, including a formal essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

**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

**Canada**  
GERMAN 1  
Academic  
**LWGAD**  
Prerequisite:  
None

**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

**Canada**  
GERMAN 2  
Academic  
**LWGBD**  
Prerequisite: LWGAD

**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

**Canada**  
GERMAN III  
University Preparation  
**LWGPU**  
Prerequisite: LWGBD

**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

**Canada**  
GERMAN IV  
University Preparation  
**LWGPU**  
Prerequisite: LWGPU

**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 GERMAN LANGUAGE 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**  
SPANISH I  
9-12  
**FLS301**  
YR CRS

**Canada**  
SPANISH I  
**LWSAD**  
Prerequisite:  
None

**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.

<p><b>US</b> SPANISH II 9-12 <b>FLS401</b> YR CRS</p>	<p><b>Canada</b> SPANISH II Academic <b>LWSBD</b> <u>Prerequisite:</u> LWSAD</p>	<p><b><u>SPANISH II</u></b> 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.</p>
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<p><b>US</b> SPANISH III 9-12 <b>FLS501</b> YR CRS</p>	<p><b>Canada</b> SPANISH III University Preparation <b>LWSCU</b> <u>Prerequisite:</u> LWSBD</p>	<p><b><u>SPANISH III</u></b> 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.</p>
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<p><b>US</b> SPANISH IV 9-12 <b>FLS601/</b> YR CRS</p>	<p><b>Canada</b> SPANISH IV University Preparation <b>LWSDU</b> <u>Prerequisite:</u> LWSCU</p>	<p><b><u>SPANISH IV</u></b> 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.</p>
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<p><b>US</b> AP SPANISH Language 11/12 <b>FLS614</b> YR CRS</p>	<p><b><u>ADVANCED PLACEMENT SPANISH</u></b> 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. <b>AP EXAM REQUIRED TO RECEIVE WEIGHTED GRADE.</b></p>
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<p><b>US</b> FRANCAIS LANGUE PRE- MIERE 9e Année <b>FFL301</b> YR CRS</p>	<p><b>Canada</b> FRANCAIS LANGUE PREMIERE 9e Année <b>FRA1D</b> Prérequis: None</p>	<p><b><u>FRANCAIS, 9<sup>e</sup> année, cours théorique</u></b></p> <p>Dans ce cours, l'élève développe ses compétences langagières par la lecture et l'écriture de divers textes, ce qui lui permet d'approfondir ses connaissances des textes narratifs et descriptifs et d'explorer les textes explicatifs. L'élève acquiert une plus grande aisance en communication orale en faisant diverses présentations. En littérature, il ou elle interprète le sens de quelques œuvres contemporaines ou d'une époque antérieure, examine une œuvre du Canada français et des ouvrages du Moyen Âge et de la Renaissance afin d'acquérir des repères culturels et découvre les règles de la versification en étudiant divers textes poétiques. Dans le cadre de divers projets de recherche, l'élève apprend à se servir des technologies de l'information et de la communication.</p>
<p><b>US</b> FRANCAIS LANGUE PREMIERE 10e Année <b>FFL401</b> YR CRS</p>	<p><b>Canada</b> FRANCAIS LANGUE PREMIERE 10e Année <b>FRA2D</b> Prérequis: FRA1D</p>	<p><b><u>FRANCAIS, 10<sup>e</sup> année, cours théorique</u></b></p> <p>Dans ce cours, l'élève rédige et lit une grande variété de textes, ce qui lui permet de consolider ses connaissances des textes narratifs et explicatifs et d'explorer les textes argumentatifs et dramatiques. L'élève acquiert de l'assurance en communication orale et explore le monde des médias. En littérature, l'élève étudie une comédie de Molière et des ouvrages du 17<sup>e</sup> siècle et examine diverses autres œuvres, dont des textes du Canada français et d'un autre pays francophone, ce qui lui permet d'acquérir des repères culturels importants. Enfin, dans le cadre de divers projets de recherche, l'élève utilise les ressources fournies par les technologies de l'information et de la communication.</p>
<p><b>US</b> FRANCAIS LANGUE PREMIERE 11e année <b>FFL501</b> YR CRS</p>	<p><b>Canada</b> FRANCAIS LANGUE PREMIERE 11e année <b>FRA3U</b> Prérequis: FRA2D</p>	<p><b><u>FRANCAIS, 11<sup>e</sup> année, cours préuniversitaire</u></b></p> <p>Ce cours permet à l'élève de consolider ses connaissances de la langue française. L'étude d'une œuvre contemporaine ainsi que d'œuvres marquantes du XVIII<sup>e</sup> et du XIX<sup>e</sup> siècle lui assure des repères culturels tout en lui présentant une réflexion sur des questions fondamentales. La réalisation de divers projets et le recours aux technologies de l'information et de la communication l'amènent à développer son esprit critique et son autonomie en matière d'apprentissage.</p>

**US**  
FRANCAIS  
LANGUE  
PREMIERE  
12e année  
**FFL501**  
YR CRS

**Canada**  
FRANCAIS  
LANGUE  
PREMIERE  
12e année  
**FRA4U**  
Prérequis  
FRA3U

**FRANCAIS, 12<sup>e</sup> année, cours préuniversitaire**

Ce cours permet à l'élève de perfectionner sa connaissance du français. L'étude d'œuvres marquantes, principalement des textes du XX<sup>e</sup> siècle, enrichit sa connaissance de la littérature et son bagage culturel tout en lui présentant une réflexion sur des questions fondamentales. La réalisation d'un projet autonome d'envergure l'amène à développer son esprit critique et son autonomie en matière d'apprentissage. L'élève a recours aux technologies de l'information et de la communication pour mener à bien ses recherches et ses travaux.

## Electives

**US**  
YEARBOOK  
PRODUC-  
TION  
**AAY301**  
9-12  
YR CRS

**Canada**  
COMMUNI-  
CATIONS  
TECHNOL-  
OGY  
**TGJ20**

### **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  
**LAJ401**  
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  
**LAS401**  
YR CRS

### **SPEECH**

This course is an introduction to public speaking. It includes instruction in various forms of oral communication such as oratory, extemporaneous speaking, interpretative reading of prose and poetry and the fundamentals of competitive debate

**US**  
 AVID  
 9-12  
**LAV401**  
 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 sub-culture 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 Nova stanines 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**  
 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.

AFNORTH INTERNATIONAL SCHOOL  
Ferd. Bolstraat 1  
6445EE Brunssum NL

US Section: 045-257-8260  
Canadian Section: 045-527-8201  
[www.afno-is.eu.dodea.edu](http://www.afno-is.eu.dodea.edu)