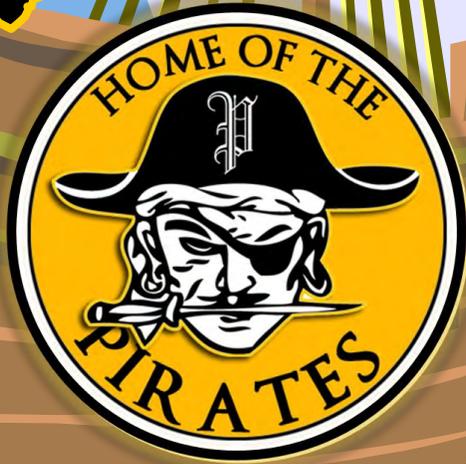
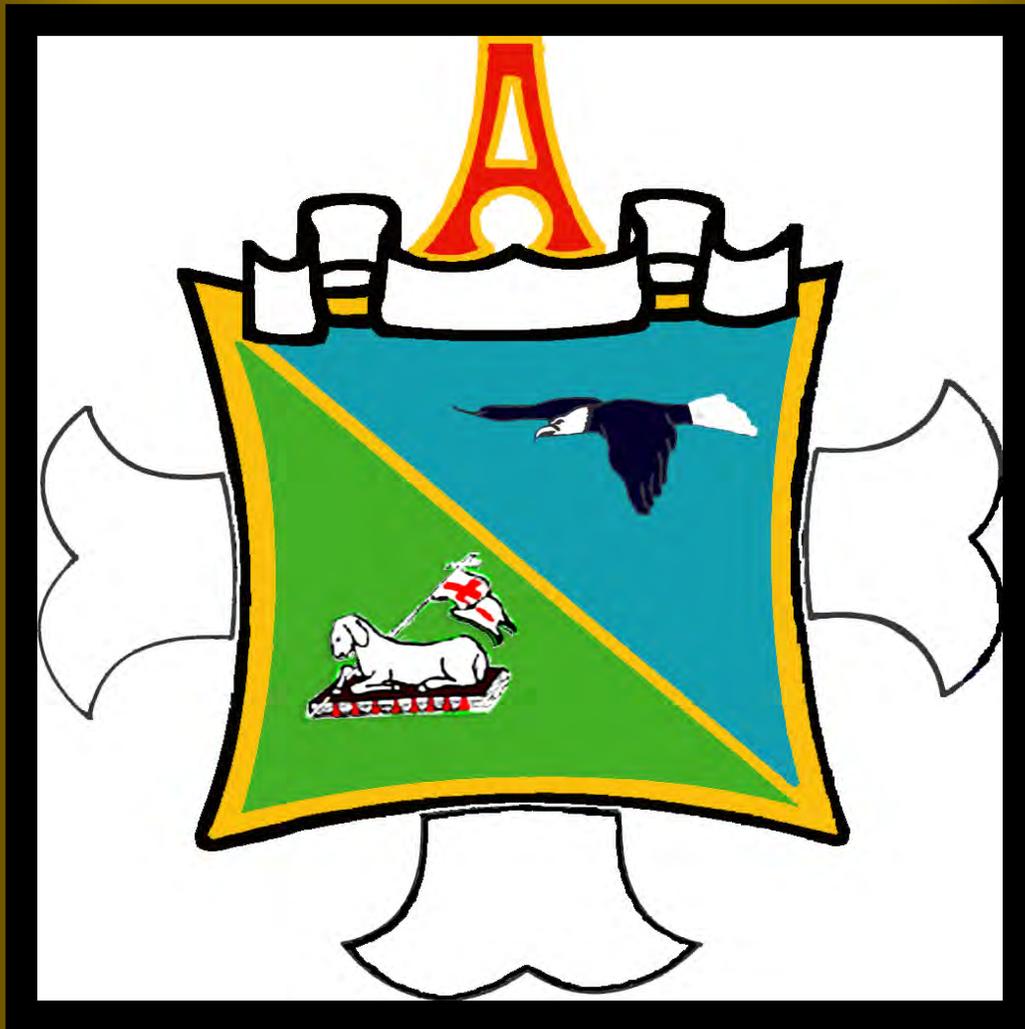


ARTS



**PROGRAM
of STUDIES**



“CHARACTER”

**Your thoughts become words,
Your words become actions,
Your actions become habits,
Your habits become your character,
Your character becomes your destiny.**

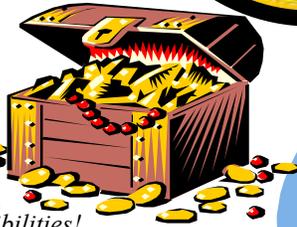
Frank Outlaw



ANTILLES High School



A treasure trove of academic possibilities!



**1062 VICTORY ROAD
FORT BUCHANAN, PR 00934**

SCHOOL CODE: 541900

WEBSITE:

www.dodea.edu/AntillesHS

in Beautiful PUERTO RICO!



DR. THOMAS WHITTLE
Principal

MR. EDWIN CABALLERO
Asst. Principal

MR. MANDY QUEVEDO
Guidance Director



Dear Parents and Students:

Antilles High School proudly presents our Program of Studies!

In every way, Antilles High School is striving for excellence. Our comprehensive curriculum provides a unique opportunity for an individualized high school experience for each and every student in a setting which emphasizes high expectations, the use of technology as a tool for high-level thinking, and an increase in the academic core subjects of Language Arts, Mathematics, Science, Social Studies, and World Languages. Antilles High also offers its students the opportunity to focus in on the electives of their choice via our Career/Technical Education and Online Learning Programs.

AHS is committed to the individual success of each student!

Academic achievement is a primary goal for each student. Extra special attention is given to the Course Selection Process which provides each student with the opportunity to customize their high school experience to suit their academic and future career goals.

AHS is committed to the community!

Business partnerships, active community/school partnerships such as a Parent-Teacher Organization, a School Advisory Committee, a comprehensive volunteer program are all in place, and students participating in our Career Practicum Program with partners from around Fort Buchanan.

AHS is committed to the family!

At Antilles High, parents receive a progress report of student progress every 4½ weeks and a report card every 9 weeks. Our dynamic Guidance Counselors meet with each and every family individually as part of the new student orientation and the class selection and scheduling process.

Active family and community involvement, an emphasis on a safe and orderly campus where every teen is treated with dignity and respect, and a commitment to provide each student with the highest caliber of education are the cornerstones of the AHS mission.

Together, we are striving for excellence!

Welcome to your future!
Welcome to Antilles High!

Sincerely,

Dr. THOMAS WHITTLE
Principal



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GRADUATION REQUIREMENTS



TOTAL CREDITS = 26
CUMULATIVE GPA = 2.0

REQUIRED COURSES	REQUIRED CREDITS	YOUR CREDITS
ENGLISH/LANGUAGE ARTS Two credits of ESL may be substituted for two credits of English	4	ENG 9 <input type="checkbox"/> <input type="checkbox"/> ENG 10 <input type="checkbox"/> <input type="checkbox"/> ENG 11 <input type="checkbox"/> <input type="checkbox"/> ENG 12 <input type="checkbox"/> <input type="checkbox"/>
MATHEMATICS Two credits must be in coursework that includes Algebra and Geometry (*Beginning with entering Freshmen, SY 2015-2016 — Class of 2019: One credit must be in coursework that includes Algebra II) (One of the required credits may be earned in Middle School)	4*	ALG I <input type="checkbox"/> <input type="checkbox"/> GEOM <input type="checkbox"/> <input type="checkbox"/> ALG II <input type="checkbox"/> <input type="checkbox"/> OTHER <input type="checkbox"/> <input type="checkbox"/>
SCIENCE Including Biology, plus Chemistry or Physics	3	BIO <input type="checkbox"/> <input type="checkbox"/> CH/PH <input type="checkbox"/> <input type="checkbox"/> OTHER <input type="checkbox"/> <input type="checkbox"/>
SOCIAL STUDIES Including World History, US History, and US Government	3	W HIST <input type="checkbox"/> <input type="checkbox"/> US HIST <input type="checkbox"/> <input type="checkbox"/> US GOV <input type="checkbox"/> <input type="checkbox"/> ELEC <input type="checkbox"/> <input type="checkbox"/>
WORLD LANGUAGE Two credits of the same world language	2	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
HEALTH EDUCATION	.5	<input type="checkbox"/>
PHYSICAL EDUCATION Including Lifetime Sports, Personal Fitness, and Activity & Nutrition	1.5	PF <input type="checkbox"/> LS <input type="checkbox"/> AN <input type="checkbox"/>
ART EDUCATION Fine Arts and/or Performing Arts	1	<input type="checkbox"/> <input type="checkbox"/>
CAREER & TECHNICAL EDUCATION ½ credit must be in Computer Education	2	COMP <input type="checkbox"/> OTHER <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
ELECTIVES	5	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

HONORS DIPLOMA

To qualify for an Honors Diploma, the student must meet all standard graduation requirements and fulfill the following:

- **3.8 or higher = Grade Point Average** (through the end of 8 semesters)
- **4 or more credits = Advanced Placement courses** (must take requisite exams) (1 credit must be in **AP** Mathematics)
- **.5 credit in a specialized course** (in Math, Science, Social Studies, or CTE)



RECOMMENDED CURRICULUM



9th GRADE

1st SEM	2nd SEM
ENGLISH 9	
MATH	
SCIENCE	
WORLD HISTORY 9	
WORLD LANGUAGE	
PE Personal Fitness	PE Lifetime Sports
Electives	

10th GRADE

1st SEM	2nd SEM
ENGLISH 10	
MATH	
SCIENCE	
WORLD HISTORY 10	
WORLD LANGUAGE	
PE Activity/Nutrition	HEALTH
Electives	

11th GRADE

1st SEM	2nd SEM
ENGLISH 11	
MATH	
SCIENCE	
US HISTORY	
Career & Technical Education	
Electives	

12th GRADE

1st SEM	2nd SEM
ENGLISH 12	
MATH	
SCIENCE	
US GOV'T	Elective
Career & Technical Education	
Electives	



*** NOTE ***

For college-bound students, additional credits in **Math, Science, and World Language** are always highly recommended.



ACADEMICS

at-a-glance



LANGUAGE ARTS

LAE301	*Language Arts 9
LAE371	*World Literature 9 Honors linked with Global Studies 9 Honors
LAE401	*Language Arts 10
LAE471	*World Literature 10 Honors linked with AP World History
LAE501	*Language Arts 11
LAC614	*AP English Language
LAE601	*Language Arts 12
LAL613	*AP English Literature

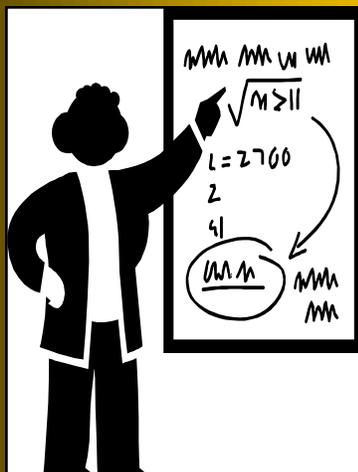
*summer reading/writing assignments required

LANGUAGE ARTS SUPPORT

REDx05	Reading Lab
--------	-------------

ENGLISH as a SECOND LANGUAGE

LAAx01	•ESL Communication Starting/Emerging/Developing Expanding/Bridging
--------	--



MATHEMATICS

MAA301	Algebra I
MAZ405	Algebraic Modeling
MAG401	Geometry
MAA401	Algebra II
MAZ501	Discrete Math
MAD501	Pre-Calculus
MAZ611	AP Statistics
MAC612	AP Calculus
MATH SUPPORT	
MAA305	Algebra I Lab
MAG405	Geometry Lab
MAA405	Math Lab III

SOCIAL STUDIES

SSW305	Global Studies 9
SSW371	Global Studies 9 Honors linked with World Literature 9 Honors
SSW401	Global Studies 10
SSW612	AP World History linked with World Literature 10 Honors
SSU501	United States History
SSU611	AP United States History
SSG601	United States Government



SCIENCE

SCB401	Biology
SCC501	Chemistry
SCC502	Chemistry Applic
SCP501	Physics
SCX401	Human Anatomy
SCZ401	Environmental Sci
SCZ602	Marine Biology
SCB612	AP Biology
SCC612	AP Chemistry

WORLD LANGUAGE

FLS301	Spanish I
FLS401	Spanish II
FLS501	Spanish III
FLS602	Spanish V
FLS603	Spanish VI
FLS614	AP Spanish Literature
FLS615	AP Spanish Language
online	French, German, Japanese

ONLINE VIRTUAL SCHOOL

See Page 52 for a complete listing of other available Academic courses!

ELECTIVES

at-a-glance



PHYSICAL EDUCATION & HEALTH

• PEL301	• Lifetime Sports
• PEF301	• Personal Fitness
• PEN301	• Activity/Nutrition
HLH301	Health



ART EDUCATION

FINE ARTS

ARA301	Fundamentals of Art
ARE401	Ceramics
ARW401	Drawing

PERFORMING ARTS

DRA301	Drama-Theater
DRA401	Advanced Drama
MUS30x	Guitar I & II
MUI305	Strings Ensemble
MUI301	Beginning Band
MUI302	Intermediate Band
MUI303	Advanced Band
MUI304	Jazz Ensemble
MUV301	Beginning Chorus
MUV302	Advanced Chorus
MUV303	Show Choir

SPECIAL ELECTIVES

LAVx01	AVID 9 10 11 12
AAY301	Yearbook Production
SSP501	Psychology



CAREER & TECHNICAL EDUCATION

CYBER SECURITY PATHWAY

PTI309	Computer Services Support
CTP331	Coding for Everyone
CTP332	Coding for Everything
PTI331	Cyber Security

VIDEO COMMUNICATIONS PATHWAY

PTV301	Video Communications I
PTV401	Video Communications II
PTV501	Video Communications III

ENGINEERING & TECHNOLOGY PATHWAY

PTE301	Principles of Engineering
CTE502	Robotics Engineering
CTE504	Green Technology Engineering
PTE603	Engineering Design and Development

NATIONAL SECURITY PATHWAY

VERx01	Army JROTC I II III IV
--------	------------------------

BUSINESS MANAGEMENT PATHWAY

PTB401	Business Management Foundations
PTB501	Marketing/Entrepreneurship
PTB301	Business/Personal Finances
PTI306	MICROSOFT EXCEL AND MICROSOFT ACCESS Spreadsheet and Database Software Applications
PTB503	Business Law

OTHER

PTW503	Career Practicum
--------	------------------

ONLINE VIRTUAL SCHOOL

See Page 52 for a complete listing of other available Elective courses!

IMPORTANT REMINDERS



GRADE CLASSIFICATION

Students will be promoted to the next grade level based on the cumulative number of credits earned, per the following criteria:

GRADE LEVEL	CREDITS EARNED
9th Grade Freshman	0
10th Grade Sophomore	6
11th Grade Junior	12
12th Grade Senior	19
Total Credits Needed for Graduation	26+

HONORS AND ADVANCED PLACEMENT PROGRAM

AHS offers a wide range of Honors and Advanced Placement (AP) courses. Academically-talented students who wish to attend college should take as many Honors and AP courses as possible. AP classes will be weighted with an additional 1.0 quality point value. All AP courses use college-level texts and materials in the curriculum. CollegeBoard AP Exams are administered annually in May. Achieving the established minimum score on the exam may qualify the student for college credit.



COURSE SELECTION

After serious discussion with their parents and guidance counselor, students are expected to choose their courses *very carefully* during the course selection process. If students need to change a course, however, they must see their guidance counselor. The counselor will then verify the change request with any applicable teacher recommendations and make the necessary adjustments if possible.

SCHEDULE CHANGE POLICY

Any schedule change request to add or drop a class must be submitted during the first five days of the new semester. A request to drop an academic core class must be approved by the parent.

Keep in mind that a schedule change request does not guarantee that a change will occur. Consideration will be given to each student based on availability, class space, and with minimal change in the current schedule.

ENGLISH 9



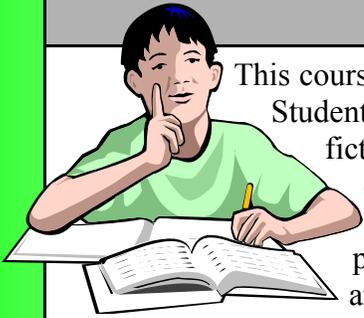
1 CREDIT

★ GRADUATION REQUIREMENT ★

LANGUAGE ARTS 9

LAE301

Year - 1.0 credit



This course continues the critical reading and writing strategies expected of English students. Students will study and critique the genres of short stories, poetry, drama, fiction, and non-fiction. They will also expand their writing abilities by creating focused, coherent, detailed essays that show a well-defined point of view and well thought out arguments. Students will progress through the various stages of writing including prewriting, writing, editing, and revising. Among the major literary works studied are *Of Mice and Men*, *Romeo and Juliet*, and *The Odyssey*. Research paper required.

OR

★ WORLD LITERATURE 9 HONORS AND
★ GLOBAL STUDIES 9 HONORS

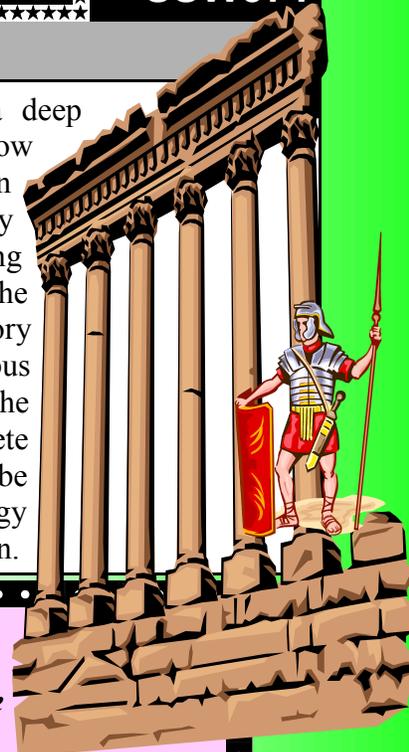
9th Grade
HONORS PROGRAM

LAE371
SSW371

Year - 2.0 credits



These integrated courses are designed to provide students with a deep understanding of the way in which civilizations develop, and how civilizations succeed, fail, and evolve. The complete course description and syllabus for these combined classes is extensive, but it is readily available at the DODEA website at www.dodea.edu. After accessing the DoDEA home page, simply type the words “honors history” into the search box. One of the top choices should be the Honors World History and Literature web page. This selection provides access to a quarter by quarter syllabus for the combined history and literature classes, as well as a thorough description of the Time Traveler Project: During the course of the school year, each student will complete an in-depth study of a particular civilization. The focus of this “time travel” will be research to show how geography, culture, history, and science and technology contributed to the successes, failures, and evolution of the student’s chosen civilization.



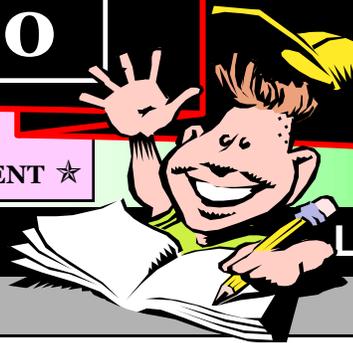
★ IMPORTANT NOTICE ★

- *This integrated Honors 9 Program is for students who should have demonstrated strong comprehension of 8th Grade English and History.*
- The Honors Literature 9 course is linked with the Honors World History 9 course. The honors grade is based on competent and timely completion of challenging and enriching reading and writing assignments/projects. All students are eligible for the honors class. However, it is strongly suggested that any student considering an honors class possess adequate reading and writing skills, be independently motivated to expand their experience and talents in literature and composition, and be prepared to meet exacting deadlines. *Once honors has been selected, the student is expected to remain for the entire year.... so choose the honors option wisely, while considering all other course demands.* Students who anticipate taking an AP-level course in 11th or 12th grade should view the honors option as essential preparation.
- *Grade marks in Honors Literature 9 and Honors World History 9 are not GPA-weighted.*

ENGLISH 10

1 CREDIT

★ GRADUATION REQUIREMENT ★



LANGUAGE ARTS 10

LAE401

Year - 1.0 credit



Sophomore English is a survey course with a focus on the study of literature and the continued development of reading and writing skills. It includes the study of various literary genres from diverse periods and cultures, and the writing of essays, journals, short stories, and poetry. Students will learn to derive meaning from written texts, make appropriate connections with literature, past and present, and learn to express themselves appropriately both orally and in writing. *Of Mice and Men, To Kill A Mockingbird, Julius Caesar, The Tempest, and Night* are among the works commonly taught in this course. Research paper required.

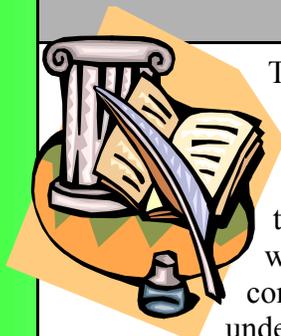
OR

★ WORLD LITERATURE 10 HONORS AND
★ AP WORLD HISTORY

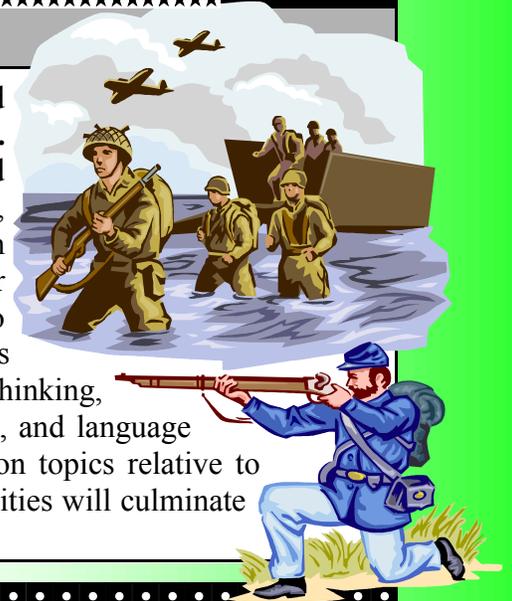
10th Grade
HONORS PROGRAM

LAE471
SSW612

Year - 2.0 credits



These courses are a *demanding* study of world literature and history from the **1500s to the present**. Course content begins with the Renaissance and continues through European changes in governments, the Industrial Revolution, the making of the modern world via World Wars, the Cold War, and other contemporary issues. Students are required 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, and language usage will be stressed. Students will also conduct in-depth research on topics relative to major historical events, people, and regions. Many of the learning activities will culminate in shared products for English and History.



★ IMPORTANT NOTICE ★

- *This integrated Honors 10 Program is for students who should have demonstrated strong comprehension of 9th Grade English and History.*
- The Honors Literature 10 course is linked with the AP World History course. The Honors and AP grade is based on competent and timely completion of challenging and enriching reading and writing assignments/projects. All students are eligible for the Honors and AP classes. However, it is strongly suggested that any student considering an Honors or AP class possess adequate reading and writing skills, be independently motivated to expand their experience and talents in literature and composition, and be prepared to meet exacting deadlines. ***Once Honors and AP has been selected, the student is expected to remain for the entire year.... so choose the Honors and AP options wisely, while considering all other course demands.*** Students who anticipate taking other AP-level courses in 11th or 12th grade should view the Honors option as essential preparation.
- *Grade marks in Honors Literature 10 are not GPA-weighted.*

ENGLISH 11

1 CREDIT

★ GRADUATION REQUIREMENT ★

LANGUAGE ARTS 11

LAE501

Year - 1.0 credit

Junior English is a survey course in American Literature. Students will understand how major artistic and philosophical movements contribute to the development of distinctly American works. They will read a variety of authors and genres from the Puritan Age through modern times. It is expected that junior students have mastered basic structured writing and language mechanics. Because of the difficulty of some of the readings, students will be introduced to a variety of reading and note-taking strategies. They will write extensively, especially analytical papers that focus on careful development and a mature and polished style. Vocabulary, listening, and speaking skills will be addressed on a weekly basis. The year will end with a research project in which students will demonstrate all skills taught during the school year. Among the major works studied are *Fahrenheit 451*, *The Crucible*, and *The Adventures of Huckleberry Finn*. Research paper required.



↪ OR ↩

ADVANCED PLACEMENT

★ AP ENGLISH LANGUAGE & COMPOSITION

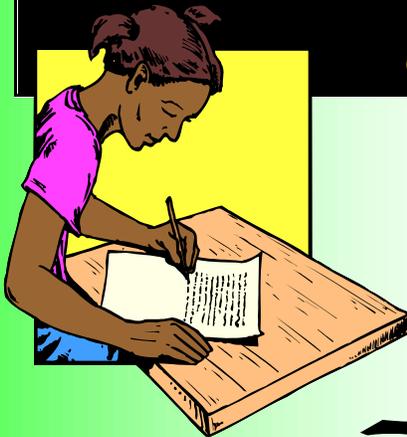
LAC614

This course may be taken in lieu of English 11

Year - 1.0 credit

This is a college-level course.

Go to Page 53 for the course description details!



ENGLISH 12

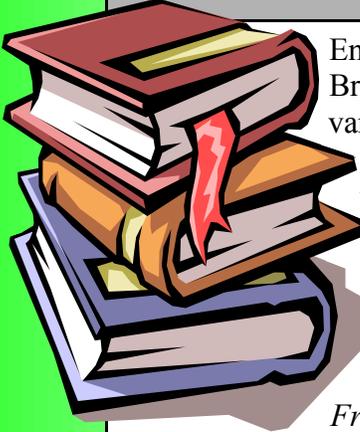
1 CREDIT

★ GRADUATION REQUIREMENT ★

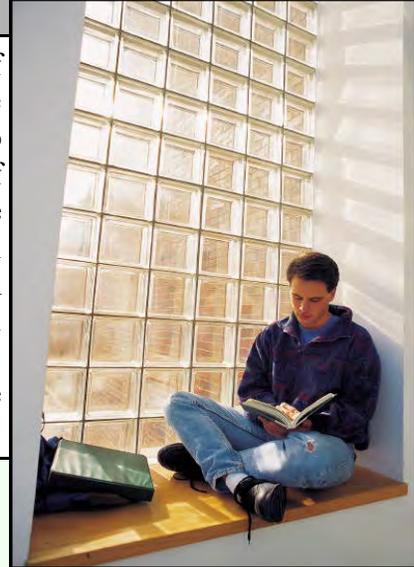
LANGUAGE ARTS 12

LAE601

Year - 1.0 credit



English 12 is focused primarily on the study of British literature and on writing essays in the various rhetorical modes. Students will also read selected literature from other areas of the world, as well as spending time developing oral language and interpersonal communication skills. A full-length research paper (with citations and references) will be completed during the second semester. Among the major works studied are *Frankenstein* and *Macbeth*.



OR

ADVANCED PLACEMENT

★ AP ENGLISH LITERATURE & COMPOSITION

LAL613

This course may be taken in lieu of English 12

Year - 1.0 credit

This is a college-level course.
Go to Page 53 for the course description details!



E.S.L.

ENGLISH as a SECOND LANGUAGE

Students are screened and placed in the appropriate course level by the ESL Dept.
Two credits of ESL may be substituted for two credits of English to meet graduation requirements.

ESL - STARTING COMMUNICATION	LAA301
ESL - EMERGING COMMUNICATION	LAA401
ESL - DEVELOPING COMMUNICATION	LAA501
ESL - EXPANDING COMMUNICATION	LAA601
ESL - BRIDGING COMMUNICATION	LAA602

Grade Level: 9, 10, 11, 12

Year - 1.0 credit

These language courses are designed to strengthen listening, reading, speaking, and writing skills. Course content includes 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, and developing writing and verbal skills necessary to function successfully in a regular mainstream English curriculum, as well as in social settings for personal enjoyment and to participate more fully in American society.



Speaking!



Reading!



Writing!



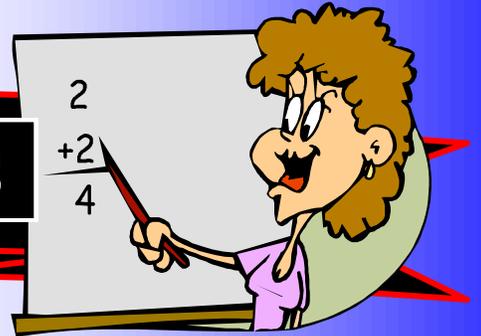
Listening!



MATHEMATICS

4 CREDITS

★ GRADUATION REQUIREMENT ★



The student's current math teacher recommendation, as well as diagnostic test results, are relied upon whenever possible to ensure appropriate placement of a student at any particular math level, based on the student's conceptual understanding and preparation for succeeding course content.

College-bound students should take Math courses every year in high school!

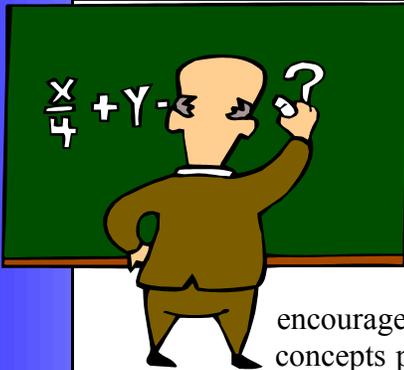
ALGEBRA I

★ GRADUATION REQUIREMENT ★

MAA301

Grade Level: 9, 10, 11, 12

Year - 1.0 credit



This course expands upon basic math concepts previously acquired and integrates those principles with everyday life. This gives students a better understanding of how algebra is relevant to their future lives and careers. Students will use formulas, functions, and equations to describe and clarify relationships. Students also will learn how to write and translate expressions into mathematical form, solve first and second degree equations, and use these concepts to model real-world phenomena. Although not required, students are

encouraged to purchase a TI83 or TI84 graphing calculator so that concepts presented using this technology in class can be explored further at home. This calculator is suitable for all upper level math courses through Calculus.



GEOMETRY

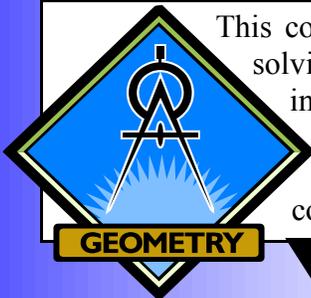
★ GRADUATION REQUIREMENT ★

MAG401

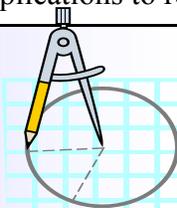
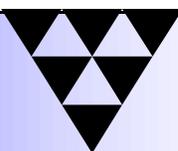
Grade Level: 9, 10, 11, 12

Year - 1.0 credit

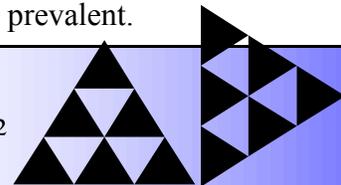
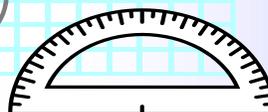
Preparation: Algebra I

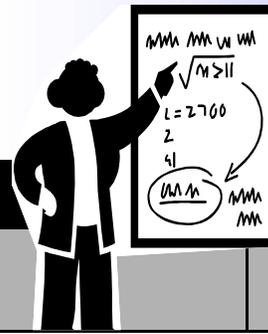


This course is designed to develop and promote student reasoning and problem solving involving geometric concepts and properties. Topics of study will include deductive reasoning using points, lines, and planes; segments, angles and triangles; quadrilaterals; polygons; and three-dimensional figures.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



$$A = \pi r^2$$





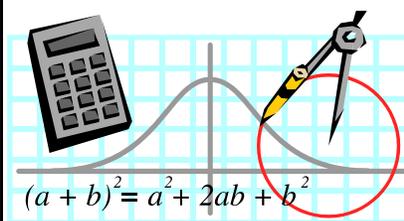
ALGEBRAIC MODELING

MAZ405

Grade Level: 10, 11, 12

Year - 1.0 credit

Preparation: Algebra I and Geometry



This course helps students to understand the connection between math and their daily lives. Students will explore Algebra I topics by modeling real world situations. Whether the student will go on to study early childhood education, graphic arts, automotive technologies, criminal justice or something else, the student will discover that the practical applications of mathematical modeling will continue to be useful well after they have finished this course.

ALGEBRA II

MAA401

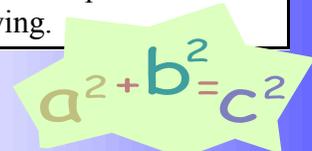
Grade Level: 10, 11, 12

Year - 1.0 credit

Preparation: Algebra I and Geometry



Students are engaged in advanced algebraic concepts through the study of functions, polynomials, complex numbers, matrices, and sequences and series. Students will be encouraged to talk about mathematics, use the language and symbols of algebra to communicate, and discuss problems and methods of problem-solving.



DISCRETE MATH

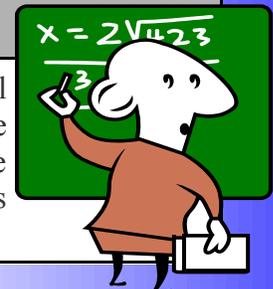
MAZ501

Grade Level: 10, 11, 12

Year - 1.0 credit

Preparation: Algebra II

This course shows a different view of math than is seen in traditional mathematics courses. It is an applications-driven course. 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.



ADVANCED FUNCTIONS

MAZ504

Grade Level: 10, 11, 12

Year - 1.0 credit

Preparation: Algebra II

This course is **beyond the Algebra II level**. It will prepare the student for college mathematics and provide an in-depth study of modeling and applying functions. Home, work, recreation, consumer issues, public policy, and scientific investigations are just a few of the areas from which applications should originate.

PRE-CALCULUS

MAD501

Grade Level: 11, 12

Year - 1.0 credit

Preparation: Geometry and Algebra II



Students taking this course are involved in the study of operations with functions and equations, circular (trigonometric) functions, vectors, applications of matrices, complex and polar coordinates, recursion, advanced proof ideas, rates and areas, statistical inference, algebra, and algorithms.



ADVANCED PLACEMENT

🌟 **AP STATISTICS**

MAZ611

🌟 **AP CALCULUS AB**

MAC612

🌟 **AP CALCULUS BC**

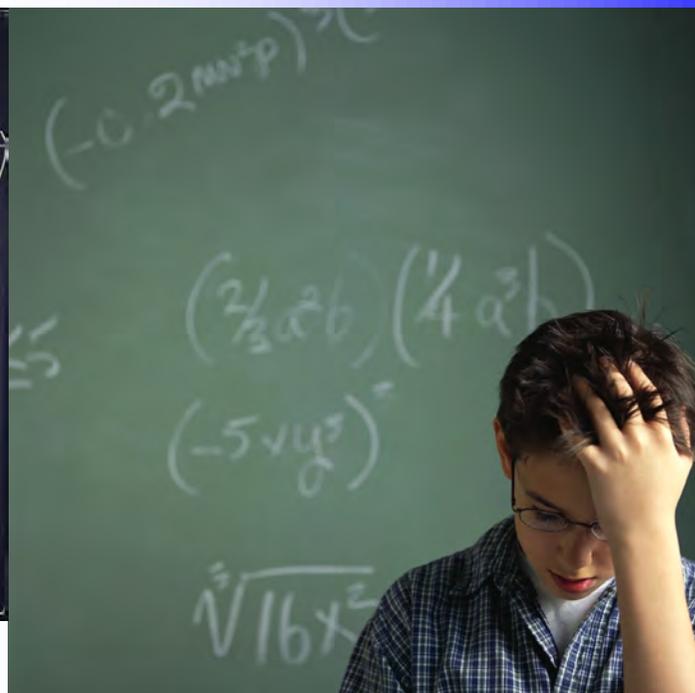
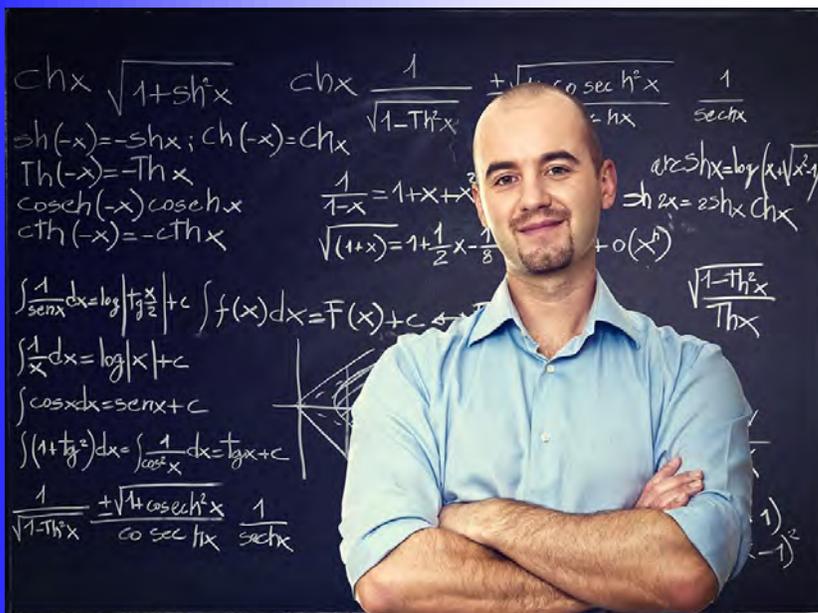
MAC613

Grade Level: 11, 12

Year - 1.0 credit

These are college-level courses.

Go to Page 53 for the course description details!



>>> MATH SUPPORT <<<

Although these courses do not fulfill math graduation credit requirements, they will be counted as elective credit.

ALGEBRA I LAB

MAA305

Grade Level: 9, 10, 11, 12

Year - 1.0 credit

This course is an elective class for students currently enrolled in Algebra I. It is designed to support and reinforce algebraic and algebra concepts taught in their regular Algebra I class. Enrollment provides students with additional time and alternative methods for learning the concepts and skills developed in Algebra. Emphasis will be upon recognizing connections between geometry and algebra as they occur in real-life situations.

ELECTIVE

GEOMETRY LAB

MAG405

Grade Level: 9, 10, 11, 12

Year - 1.0 credit

This course is an elective class for students currently enrolled in Geometry. It is designed to support and reinforce geometric concepts taught in their regular Geometry class. Enrollment provides students with additional time and alternative methods for learning the concepts and skills developed in Geometry. Geometric concepts are taught while concurrently reinforcing connections to algebraic concepts that are integrated throughout the class. Geometric computer software is used as part of the instructional activities.

ELECTIVE

MATH LAB III

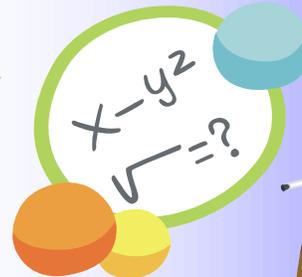
MAA405

Grade Level: 10, 11, 12

Year - 1.0 credit

This course is an elective class for students currently enrolled in Algebra II. It is designed to support and reinforce algebraic and algebra concepts taught in their regular Algebra II class. Students will have additional opportunities to build on their problem-solving experiences to further develop their reasoning skills and develop methods of justifications.

ELECTIVE



**is an essential part
of everyone's life!**

SCIENCE

3 CREDITS

★ GRADUATION REQUIREMENT ★

For all students, the current science teacher recommendation is relied upon, whenever possible, to ensure appropriate placement of a student at a particular science level, based on the student's conceptual understanding and preparation for succeeding course content.

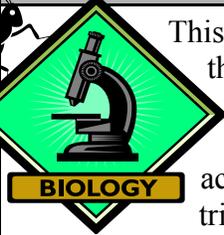
BIOLOGY

★ GRADUATION REQUIREMENT ★

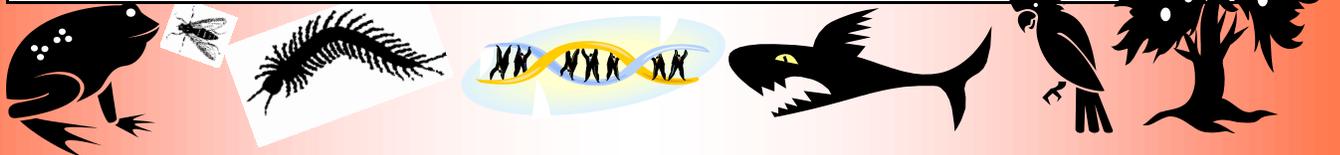
SCB401

Grade Level: 9, 10

Year - 1.0 credit



This course is a general survey of the study of LIFE. Topics include: the chemistry of life, cell structures and processes, heredity, Mendelian genetics, evolution, classification, plant and animal physiology, and living things in their environment. Instructional activities include: laboratory investigations, science technology, field trips, scientific inquiry, and a hands-on, minds-on experience.



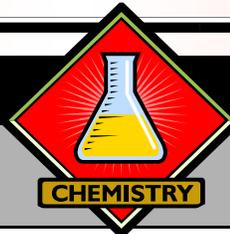
“There is no feeling quite like the thrill of discovery or the sense of accomplishment that comes from rising to a difficult challenge. Science can be thought of as a voyage into the unknown. This voyage can be exciting and rewarding for all.”

Albert Einstein

CHEMISTRY

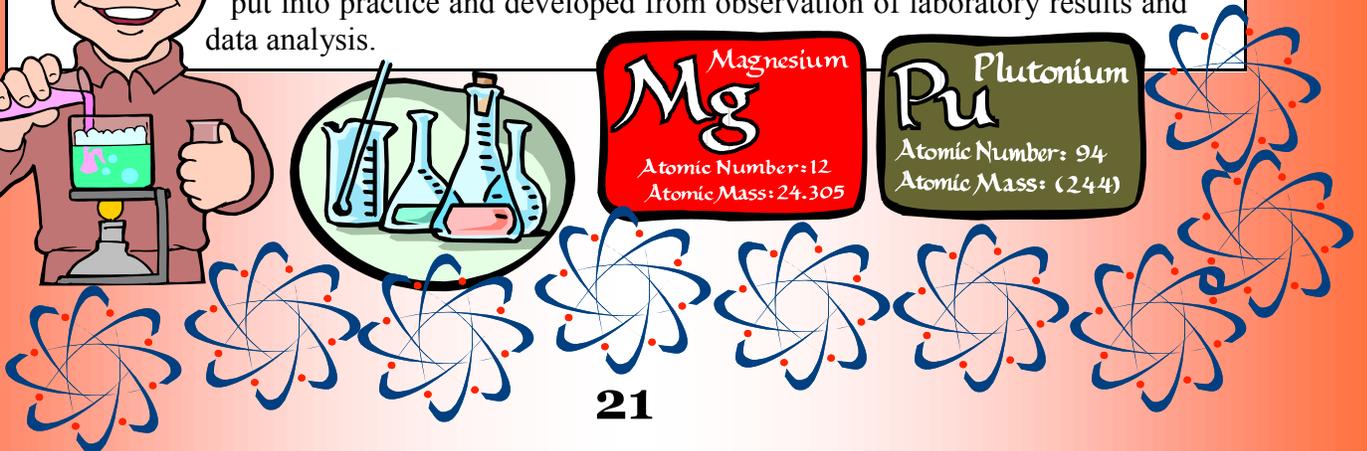
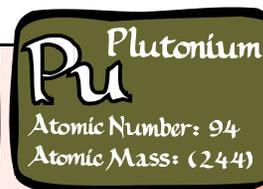
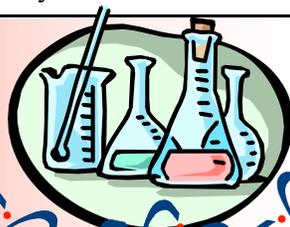
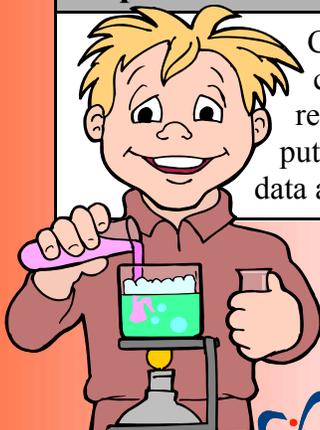
SCC501

Grade Level: 10, 11, 12
Preparation: Algebra I



Year - 1.0 credit

Chemistry is the study of matter, its composition and relationships, and the changes it undergoes. Content includes theory, problem-solving (required reasoning and math skills), and laboratory exercises. Chemical theories are put into practice and developed from observation of laboratory results and data analysis.

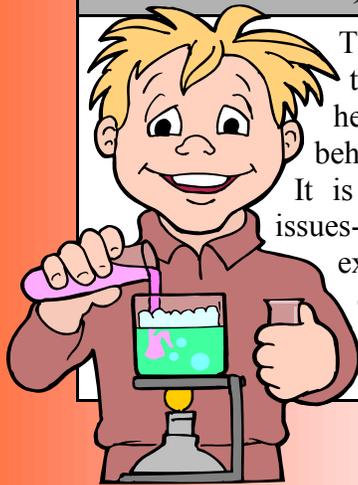


CHEMISTRY APPLICATIONS

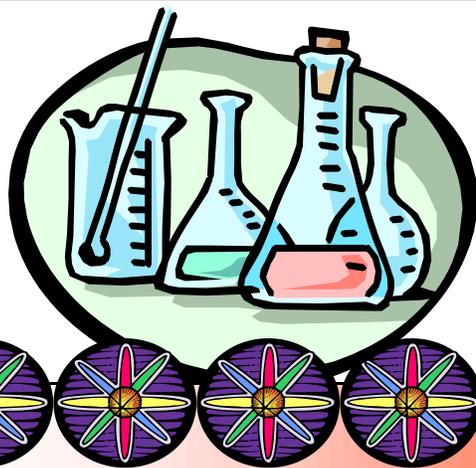
SCC502

Grade Level: 10, 11, 12

Year - 1.0 credit



This is a less math-intensive course that offers an engaging approach to help students understand the chemistry behind some important societal issues. It is a student-centered, activity-based, issues-oriented chemistry course. Students explore topics including the chemistry of water, metals, and petroleum to understand how chemical concepts apply to their everyday lives.



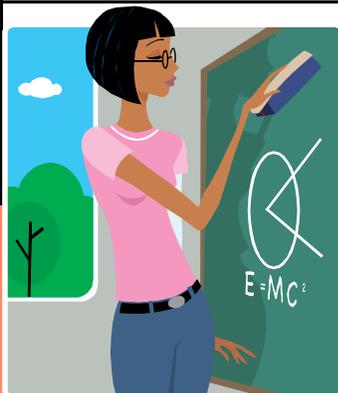
PHYSICS

SCP501

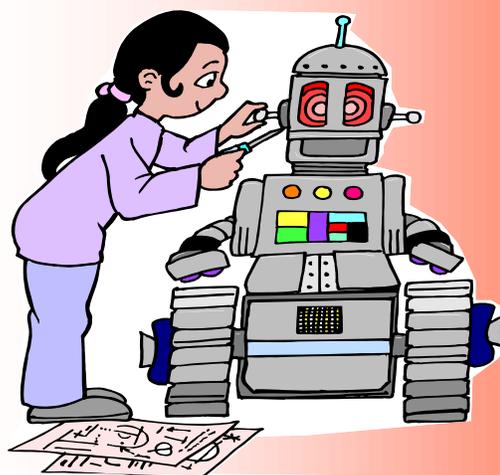
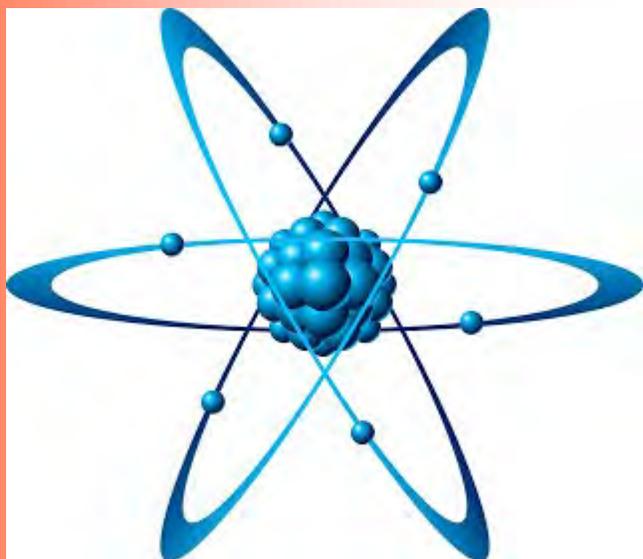
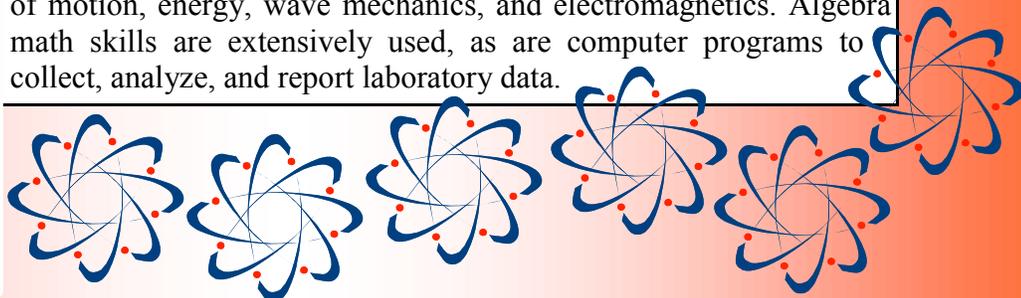
Grade Level: 11, 12

Year - 1.0 credit

Preparation: Algebra II



This **advanced physics** course provides an understanding of the physical laws fundamental to all sciences. Topics include the study of motion, energy, wave mechanics, and electromagnetics. Algebra math skills are extensively used, as are computer programs to collect, analyze, and report laboratory data.



PHYSICS

ENVIRONMENTAL SCIENCE **SCZ 401**

Grade Level: 10, 11, 12
Preparation: Biology

Year - 1.0 credit

This course investigates how living things interact with each other and the influence of man on the environment. Class and lab experiences will be supplemented with field studies in areas near the base. Topics include the laws of matter and energy, ecosystem analysis, population dynamics, renewable and nonrenewable resources, human impact on the environment, and the relationships among economics, politics, ethics, and the environment.



HUMAN ANATOMY and PHYSIOLOGY

SCX401

Grade Level: 11, 12

Year - 1.0 credit

Preparation: Biology and Chemistry



This course is a detailed study of the structure and function of the human body. A combination of lecture, laboratories, textbook, and field trips are designed to create a diverse learning experience that results in a broad understanding of the human body as a system. Each of the body's organ systems are studied in detail, as well as the functions and interconnections between them.

This course is ideal for students who have an interest in the health professions career field.



MARINE BIOLOGY

SCZ602

Grade Level: 11, 12

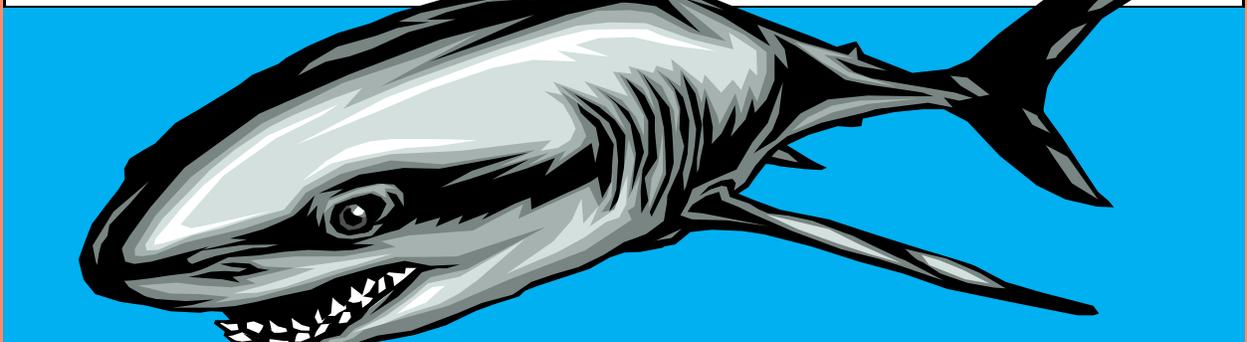
Year - 1.0 credit

Preparation: Biology and Chemistry



This is an introductory course for the identification and classification of marine organisms. Topics include ecological concepts communities, seaweeds, planktonic forms, marine bacteriology, marine biological resources, and marine pollution.

identification and classification of marine of the sandy beach and rocky shore marine life cycles, nekton, benthos,





ADVANCED PLACEMENT



★ AP BIOLOGY
★ AP CHEMISTRY

SCB612
SCC612

Grade Level: 11, 12

Year - 1.0 credit

These are college-level courses.
Go to Page 53 for the course description details!

DNA the molecule of life

Trillions of cells
Each cell:

- 46 human chromosomes
- 2 meters of DNA
- 3 billion DNA subunits (the bases: A, T, C, G)
- Approximately 30,000 genes code for proteins that perform most life functions

The diagram illustrates the relationship between a cell, chromosomes, DNA, a gene, and a protein. A cell is shown at the top right. Below it are several chromosomes. A large DNA double helix is shown in the center, with a specific segment labeled as a 'gene'. The bases of the DNA are labeled with their letters: A, T, C, and G. Below the DNA, a blue protein molecule is shown, with an arrow pointing from the gene to it, indicating that the gene codes for the protein.



PERIODIC TABLE OF THE ELEMENTS

A young man with brown hair and a striped polo shirt is smiling and standing in front of a large, detailed periodic table of elements. The table is filled with element symbols, atomic numbers, and names. The man is positioned in the lower right foreground, partially overlapping the table.

SOCIAL STUDIES

3 CREDITS

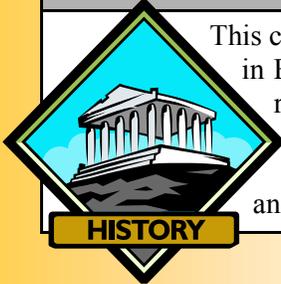
★ GRADUATION REQUIREMENT ★

GLOBAL STUDIES 9

SSW305

Grade Level: 9

Year - 1.0 credit



This course starts with a study of the social, cultural and technological changes that occurred in Europe, Africa, and Asia in the beginnings of human society through 1500 CE. After reviewing the ancient world, the study will turn to the history and geography of great civilizations as well as the diffusion of ideas and technologies. The focus will be on the development of Europe that influenced the rise of Western Civilization 500-1500 and the origins and accomplishments of the Renaissance period.

↪ OR ↩

★ GLOBAL STUDIES 9 HONORS AND
★ WORLD LITERATURE 9 HONORS

9th Grade
HONORS PROGRAM

SSW371
LAE371

Year - 2.0 credits

This is an INTEGRATED HONORS PROGRAM
See Page 11 for details!



GLOBAL STUDIES 10

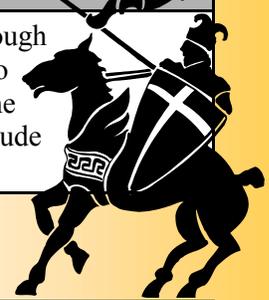
SSW401

Grade Level: 10

Year 1.0 credit



This course begins with the Renaissance and continues through European changes in their governments from monarchy to democracy and/or communism, the Industrial Revolution, and the making of the modern world through World Wars. Topics include study of the Cold War and other contemporary issues.



↪ OR ↩

ADVANCED PLACEMENT

★ **AP WORLD HISTORY AND
WORLD LITERATURE 10 HONORS**

10th Grade
HONORS PROGRAM

SSW612
LAE471

This course may be taken in lieu of Global Studies 10

Year - 1.0 credit

**This is a college-level course.
Go to Page 53 for the course description details!**

This is an INTEGRATED HONORS PROGRAM
See Page 12 for details!



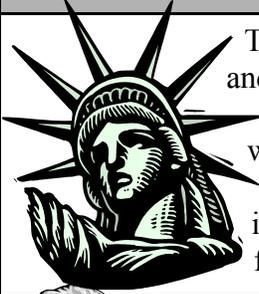
UNITES STATES HISTORY

SSU501

Grade Level: 11

★ GRADUATION REQUIREMENT ★

Year - 1.0 credit



This course is a survey of U.S. History from the colonial period to the present and an investigation of the origins and the development of its political, social, and economic institutions. The course examines the United States' rise to world power and the major social, economic, and political changes of the late 19th and 20th centuries. First semester includes the colonial period to the industrial transformation of the 1870s to 1890s. Second semester continues from the 1890s to the present.



OR



ADVANCED PLACEMENT

★ AP UNITED STATES HISTORY

SSU611

This course may be taken in lieu of U.S. History

Year - 1.0 credit

This is a college-level course.
Go to Page 53 for the course description details!

UNITES STATES GOVERNMENT

SSG601

Grade Level: 12

★ GRADUATION REQUIREMENT ★

Semester - .5 credit



U.S. Government is the study of our political structure and how it operates. Students will study the origins of the political ideas which shaped our Constitution. Topics include political philosophy, principles of the Constitution, organization and operation of each branch of government, civil rights, political parties, etc.



SOCIAL STUDIES ELECTIVES

PSYCHOLOGY

SSP501

Grade Level: 11, 12

Semester - .5 credit

This course begins with and then focuses on the emotional states, and social study the stages of human personality, as well as mental wellness and illness.



an introduction to the field of psychology physical characteristics, cognitive activity, interaction of human behavior. Students will development, motivational theory, theories of



KEEP
CALM
AND
STUDY
PSYCHOLOGY



WORLD LANGUAGE

2 CREDITS
 OF THE SAME WORLD LANGUAGE
 ★ GRADUATION REQUIREMENT ★

*“Everyone speaks a foreign language...
 somewhere in the world.”*

★ SPANISH I
 ★ FRENCH I



FLS301
 FLF301

Grade Level: 9, 10, 11, 12

Year - 1.0 credit

Students learn to understand and communicate in the target language using simple sentences containing basic language structures. This communication is evidenced in all four language skills - listening, speaking, reading, and writing. Students begin to explore and study the themes of personal and family life, school, recreation, and community, and to enhance their understanding of that particular culture.



★ SPANISH II
 ★ FRENCH II



FLS401
 FLF401

Grade Level: 9, 10, 11, 12
 Preparation: Level I

Year - 1.0 credit

Students gain increased proficiency in understanding, speaking, reading, and writing through expanded vocabulary and a more thorough study of sentence structure and verb forms. They learn to function in real-life situations using more complex sentences and language structures. They read material on familiar topics and produce short writing samples. The goal of the program is to provide students with the confidence to express themselves in the target language.

WORLD LANGUAGE

★ SPANISH III *Gracias* FLS501
 ★ FRENCH III *Merci* FLF501

Grade Level: 9, 10, 11, 12 Year - 1.0 credit
 Preparation: Level II

Students continue to develop and refine their proficiency in all four language skills - listening, speaking, reading and writing. They communicate using more complex language structures on familiar topics. At this level, students comprehend the main ideas of authentic materials that they read and hear and are able to identify significant details when the topics are familiar. Expanded development of grammar, cultural understanding, reading, writing, and conversation skills continue.

★ SPANISH V *Bienvenido* FLS602
 ★ SPANISH VI FLS603

Grade Level: 9, 10, 11, 12 Year - 1.0 credit
 Preparation: Levels III, IV, or V

Students develop more sophisticated communication skills in all four areas: listening, speaking, reading and writing. Authentic reading selections are emphasized at these levels. Students communicate using more complex language structures and express abstract ideas with reasonable fluency. Students are able to create and listen with understanding to reports and presentations. They are also able to describe, summarize, and discuss selected themes and topics.



Dante Alighieri



Sor Juana Inés de la Cruz

ADVANCED PLACEMENT

★ **AP** SPANISH LANGUAGE

FLS615

★ **AP** SPANISH LITERATURE

FLS614

Grade Level: 11, 12

Year - 1.0 credit

Preparation: Level V or VI

**These are college-level courses.
Go to Page 53 for the course description details!**



Welcome to ANTILLES HIGH SCHOOL'S

CAREER AND TECHNICAL EDUCATION PROGRAM

2 CREDITS

★ GRADUATION REQUIREMENT ★

FOCUSING EDUCATION ON THE FUTURE!

Our impressive variety of CTE course offerings in **computer, technical, and career education** helps students to prepare for college and careers by linking what they learn in school with the knowledge and skills they need for future success. All courses are designed to prepare our students to be technologically literate and employable in a global workforce.

Career Cluster and Pathway Endorsements will help students to focus on what they want to do with their lives after graduation and are great additions to a high school transcript. The endorsements show prospective employers, scholarship boards, colleges/universities, training programs, and the military that a student has:

- Completed a comprehensive, in-depth, and applied course of study in a specialized area.
- Developed transferable work habits including self-reflection, self-direction, and perseverance through purposeful and meaningful learning experiences.
- Participated in learning opportunities that are diverse, rigorous, and connected to the world outside of the school building.

Students who complete the three credits of study in the courses required for a specific Pathway will earn a Pathway Endorsement on their graduation transcript!





CareerClusters®
PATHWAYS TO COLLEGE & CAREER READINESS

Information Technology

Students are given the opportunity to design, develop, and manage different types of software programs and hardware.

PATHWAY

NEW! **CYBER SECURITY**

REQUIRED COURSES

Course Name	Cr
Computer Services Support	1
Coding for Everyone	.5
Coding for Everything	.5
Cyber Security	1



CYBER SECURITY

PTI331

Grade Level: 10, 11, 12

Year - 1.0 credit



This course develops foundational understanding of cyber security and how it relates to information and network security. Students are introduced to the characteristics of cybercrime, security principles, technologies, and procedures to defend networks. Students will build technical and professional skills to pursue careers in cyber security.



COMPUTER EDUCATION
CAREER EDUCATION



COMPUTER SERVICES SUPPORT  **PTP309**
 Grade Level: 9, 10, 11, 12 Year - 1.0 credit

COMPUTER EDUCATION
CAREER EDUCATION



This course is designed to prepare students for computer support careers by providing them with concepts and skills necessary to achieve certification in PC Repair and Technical Support. Students will learn how to perform shop maintenance, repair computers, install operating systems and software, acquire employment skills, and operate a service and support business. Content includes hands-on experiences that reflect current industry practices, as students will identify and use hand tools, PC hardware and software, and explore electronics theory. Installation, upgrade, and repair will be explored in new and older personal computer systems, and a number of operating systems also will be reviewed.



★ **CODING FOR EVERYONE**  **CTP331**
 ★ **CODING FOR EVERYTHING** **CTP332**
 Grade Level: 10, 11, 12 Semester - .5 credit

COMPUTER EDUCATION
CAREER EDUCATION



Computer programming, or **coding**, is a digital literacy skill that has become as important as reading and writing. Learning to code builds rational thinking and problem-solving skills, providing powerful tools that transfer to other subjects and create lifelong learners. 11010100101010001101100011010100100111001011



CareerClusters™
 PATHWAYS TO COLLEGE & CAREER READINESS

Arts, A/V Technology & Communications

Students explore career fields that include creating, exhibiting, performing, and publishing multimedia content.

PATHWAY

VIDEO COMMUNICATIONS

REQUIRED COURSES

Course Name	Cr
Video Communications I	1
Video Communications II	1
Video Communications III	1



- ★ VIDEO COMMUNICATIONS I
- ★ VIDEO COMMUNICATIONS II
- ★ VIDEO COMMUNICATIONS III



PTV301
PTV401
PTV501

COMPUTER EDUCATION
CAREER EDUCATION

Grade Level: 9, 10, 11, 12

Year - 1.0 credit

These courses are 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, non-linear editing, lighting, storyboarding, audio, and computer graphics/effects in order to communicate effectively using the video communication medium.



CareerClusters™
 PATHWAYS TO COLLEGE & CAREER READINESS
Business Management & Administration

Students explore career fields that include organizing, directing, and evaluating functions essential to productive business operations.



PATHWAY

BUSINESS MANAGEMENT REQUIRED COURSES	
Course Name	Cr
Management Foundations	.5
Marketing/Entrepreneurship	.5
Business Law	1
Business & Personal Finance	.5
Spreadsheet/Database Software	.5



BUSINESS MANAGEMENT FOUNDATIONS

PTB401

Grade Level: 9, 10, 11, 12

Semester - .5 credit



This course provides an overview of the world of business. Basic principles of organization, entrepreneurship, management skills and techniques, as well as the social and economic environments affecting business, are covered. Topics also include basic concepts of world trade, world markets, import/export methods, economics, finance, marketing, human resources, and global competitiveness.

CAREER EDUCATION

MARKETING & ENTREPRENEURSHIP

PTB501

Grade Level: 11, 12

Semester - .5 credit

Preparation: Business Management Foundations



This course enables students to gain a basic understanding of marketing principles, techniques, and career opportunities. Instruction will include the relationship of products, prices, and promotions to the marketing of goods and services to consumers. The course also focuses on recognizing a business opportunity, starting a business, and operating and maintaining that business. Workplace skills such as time management, money/materials management, people management, facilities management, teamwork, decision-making, problem solving, negotiations, work ethics, and creative thinking are also covered.



CAREER EDUCATION

CAREER & TECHNICAL EDUCATION

BUSINESS & PERSONAL FINANCES

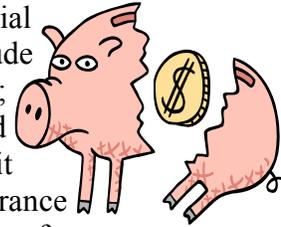
PTB301

Grade Level: 9, 10, 11, 12

Semester - .5 credit



This course is designed to make students aware of the financial challenges confronting them in daily living. Topics include 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.



CAREER EDUCATION

SPREADSHEET/DATABASE SOFTWARE APPLICATIONS

PTI306

Grade Level: 9, 10, 11, 12

Semester - .5 credit



This course provides students with the opportunity to develop professional level skills in **Microsoft Excel** and **Microsoft Access** computer software applications. Instruction will be provided in a lab utilizing individualized instruction and electronic learning services.

COMPUTER EDUCATION
CAREER EDUCATION



BUSINESS LAW

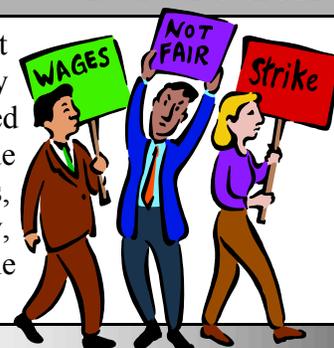
PTB503

Grade Level: 11, 12

Year - 1.0 credit



This course is designed to provide the student with a survey of the American legal system by developing 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.



CAREER EDUCATION

CAREER & TECHNICAL EDUCATION



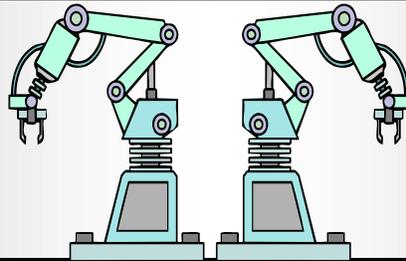
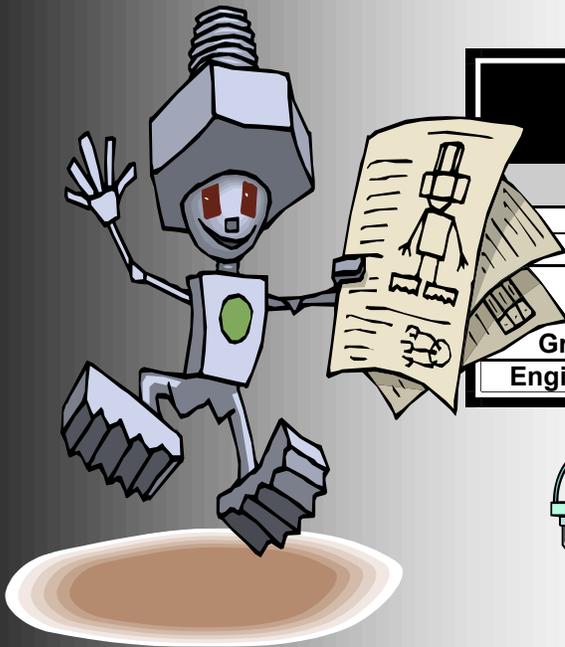
Students explore career fields that include performing scientific research and professional technical services in Science, Technology, Engineering, and Mathematics (STEM).

PATHWAY

ENGINEERING & TECHNOLOGY

REQUIRED COURSES

Course Name	Cr
Principles of Engineering	1
Robotics Engineering or Green Technology Engineering	1
Engineering Design & Development	1



PRINCIPLES OF ENGINEERING

PTE301

Grade Level: 9, 10, 11, 12

Year - 1.0 credit

This course is for the serious potential engineer who wants to experience an overview of engineering and engineering technology. Students develop problem-solving skills by tackling real-world engineering problems. Through theory and practical hands-on experiences, students will study the overview and perspective of engineering; design process; communication and documentation engineering systems; materials and materials testing; engineering for quality and reliability; and technological change.

COMPUTER EDUCATION
CAREER EDUCATION



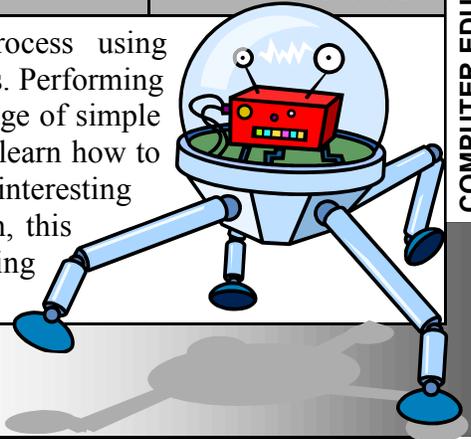
ROBOTICS ENGINEERING

CTE502

Grade Level: 10, 11, 12

Year - 1.0 credit

This course teaches students the engineering/design process using mechanisms, machines, and robotic systems and technologies. Performing laboratory experiments, students will gain firsthand knowledge of simple machines, fabrication, and logic systems. Students will also learn how to program complex robotic systems to perform a variety of interesting and useful tasks. Using robotics as a vehicle for instruction, this course will engage students meaningfully, thereby increasing **interest in the pursuit of engineering careers.**



COMPUTER EDUCATION
CAREER EDUCATION

GREEN TECHNOLOGY ENGINEERING

CTE504

Grade Level: 10, 11, 12

Year - 1.0 credit

This course teaches the engineering and design processes in alternative and renewable energy systems. Students progress at their own pace while studying and performing hands-on activities independently and in small groups. Learning is supplemented with demonstrations, mentorship, and study trips that will familiarize students with the concepts and application of green technologies. Students will gain first-hand knowledge by performing laboratory experiments that emulate the industry of our future energy systems.

COMPUTER EDUCATION
CAREER EDUCATION



Sustainable
sus-tain-a-ble
Capable of being continued with minimal long-term effect on the environment



Solar Energy
so-lar en-er-gy
Energy from the sun which is converted into thermal or electrical energy

ENGINEERING DESIGN & DEVELOPMENT

PTE603

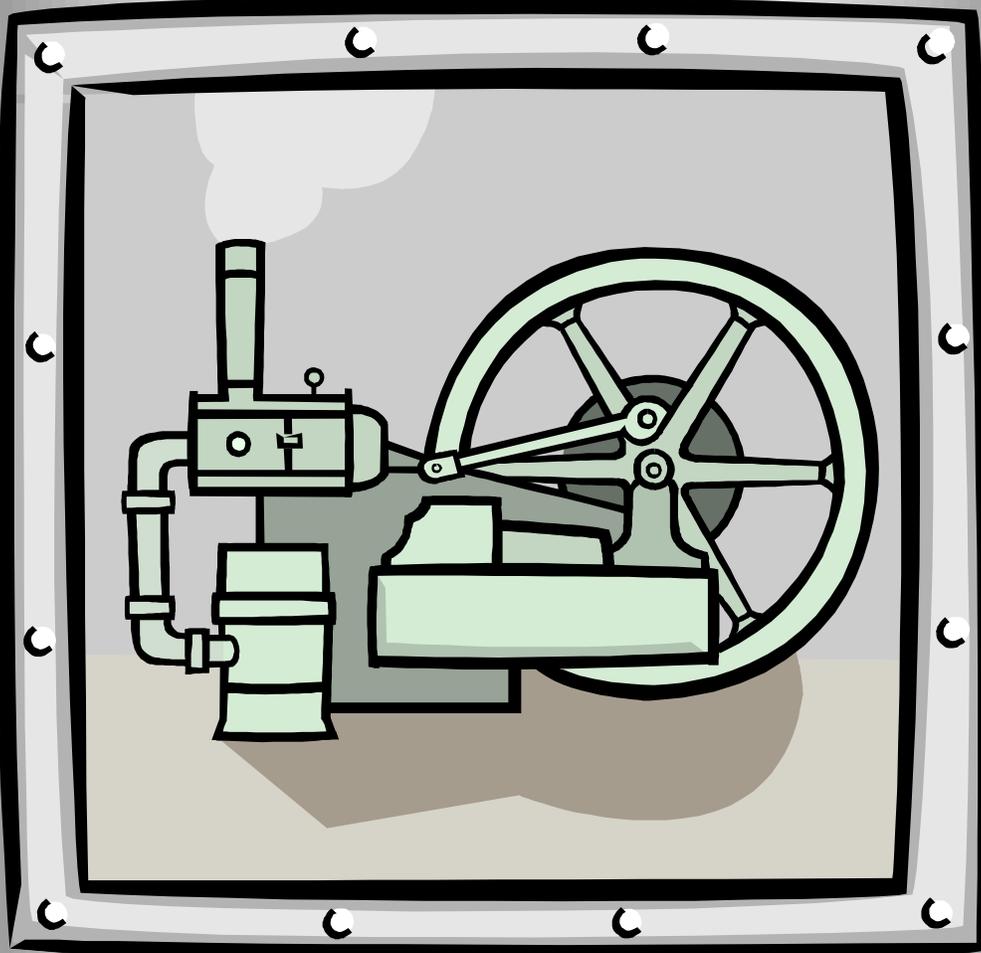
Grade Level: 11, 12

Year - 1.0 credit



This course prepares students for careers in Engineering. Students will work in teams to design and construct the solution to an original engineering problem. As students work on their capstone project they will develop technical writing skills and use a variety of CAD, CAM, GIS, fabrication, manufacturing, and robotics technologies. Students will also maintain an engineering journal and develop a portfolio. This course is the culmination of the pre-engineering curriculum and is intended as an opportunity for students to utilize all the skills acquired through the pre-engineering strand of courses.

COMPUTER EDUCATION
CAREER EDUCATION





Students explore career fields that include executing government functions at the local, state, and federal level.

PATHWAY

NATIONAL SECURITY

REQUIRED COURSES

Course Name	Cr
Army JROTC I or II	1
Army JROTC II or III	1
Army JROTC III or IV	1



The Army JROTC series of courses are designed to develop the following qualities within each cadet:

- ★ Maximize potential for success through learning and self-management.
- ★ Develop leadership skills.
- ★ Incorporate principles of mental and physical wellness into behaviors and decisions.

- ★ Build effective relationships with peers, co-workers, and the community.
- ★ Apply physical and political geography to building global awareness.
- ★ Correlate the rights and responsibilities of citizenship to the purposes of the U.S. Government.
- ★ Relate events in U.S. history to choices and responsibilities Americans have today.
- ★ Characterize the role of the military and other national service organizations.
- ★ Develop and pursue a plan for post-secondary success.

NOTE: Successful completion of two years of JROTC will serve as an alternative method of meeting the Physical Education semester graduation requirement for **Lifetime Sports (PEL301)**.

ARMY JROTC I

VER301

Grade Level: 9, 10, 11, 12

Year - 1.0 credit

The first-year student is introduced learns the following: the basics of how basic drill, respect for authority, how to First-year academic topics include organization, military history, ceremony



to the Army JROTC Program and to wear the uniform and perform follow orders, and accountability. leadership, introduction to Army and drill, navigation, and first aid.

CAREER EDUCATION

ARMY JROTC II

VER401

Grade Level: 10, 11, 12

Year - 1.0 credit

Preparation: Army JROTC I

The second-year student will be challenged to develop beginning leadership qualities and to demonstrate these qualities in instructing first-year students in basic drill and military bearing. Within their ROTC unit, they will be assigned to positions of responsibility, such as squad or platoon leaders. Academic topics include advanced leadership, citizenship, weapons, military history from 1815 through World War I, orienteering, and map reading.



CAREER EDUCATION

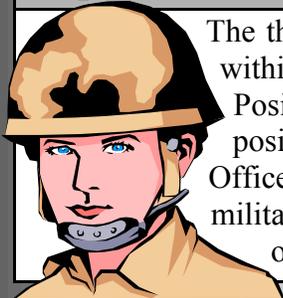
ARMY JROTC III



Grade Level: 11, 12

Year - 1.0 credit

Preparation: Army JROTC II



The third-year student will be tasked with taking a more senior leadership role within the unit, providing oversight and training to the more junior students. Positions within the unit that they might fill include platoon leaders and staff positions, such as Supply Officer, Administration Officer, Public Affairs Officer, and Operations Officer. Academic topics include military justice, military history from World War II through Desert Storm, land operations, staff procedures, and decision-making.

CAREER EDUCATION

ARMY JROTC IV

VER601

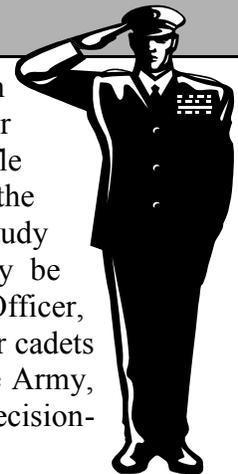
Grade Level: 12

Year - 1.0 credit

Preparation: Army JROTC III



Fourth-year students will be tasked with providing senior leadership within the unit. They will be responsible for the overall structure of the unit and for planning and organizing for various events including drill and rifle competitions, fund raisers, and the JROTC Program Accreditation at which the unit is evaluated by higher headquarters. Fourth-year students also will study advanced versions of the topics covered as third-year students and may be assigned some independent study. The Commanding Officer, Executive Officer, and Command Sergeant Major normally will be fourth-year students. Senior cadets will study about the organization of the Department of Defense, the Active Army, and the Reserve Components. They will learn about dealing with conflict, decision-making, personal finances, and college preparation.



CAREER EDUCATION

OTHER ELECTIVES

CAREER PRACTICUM*

PTW502

Grade Level: 12

Year - 1.0 credit

* Repeatable Course

This volunteer training program provides the opportunity for students to develop marketable career skills through the application of a successful career-related work experience related to their career goals at various military and civilian work sites. Students will learn about employer-employee relationships, exploration of current workplace trends, develop strong leadership skills, and occupational adjustment.

Interested students must submit an application to the program. Entry into the program is dependent on the applicant's interview, grade point average, parent approval, and teacher approval.

CAREER EDUCATION



ART EDUCATION

1 CREDIT

★ GRADUATION REQUIREMENT ★

FUNDAMENTALS of ART

ARA301

Grade Level: 9, 10, 11, 12

Year - 1.0 credit

This course is designed as the **entry-level course** for the Art Program. It provides instruction in the elements and principles of design in works of art. Emphasis is placed on basic techniques that can be used throughout life for communication, expression, and enjoyment. Portfolios will be required.



CERAMICS*

ARE401

Grade Level: 9, 10, 11, 12
Preparation: Fundamentals of Art

Year - 1.0 credit
 * Repeatable Course



Students in this **advanced art course** use a variety of hand-building techniques to create their original sculptures. Students also have the opportunity to try their hand on the pottery wheel. Students are required to reflect on what they are doing using a portfolio which will include photographs of finished projects and the student's reflections. Critiques are used to help students understand craftsmanship, good design, and idea sharing.

PRINTMAKING*

ARK401

Grade Level: 9, 10, 11, 12
Preparation: Fundamentals of Art

Year - 1.0 credit
 * Repeatable Course



This **advanced art 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.



DRAWING*

ARW401

Grade Level: 9, 10, 11, 12
Preparation: Fundamentals of Art

Year - 1.0 credit
 * Repeatable Course



This **advanced art course** is designed for students who want to explore drawing as a means of self-expression. Emphasis is on activities to develop students' skills in the techniques and styles of various drawing media, including pencil, charcoal, conte, ink, pastel, and brush drawing. Sketchbooks and reflections are kept as a record and collection of ideas. Portfolios will be required.



- ★ BEGINNING
- ★ INTERMEDIATE
- ★ ADVANCED*
- ★ JAZZ ENSEMBLE*

BAND

MUI301
MUI302
MUI303
MUI304

* Repeatable Course

Grade Level: 9, 10, 11, 12

Students will be placed at the proper band level

Year - 1.0 credit



Beginning Band (for the student with no instrumental experience) concentrates on basic music reading and playing skills for woodwind, brass, and percussion instruments.

Intermediate Band (for the student with a minimum of one year instrumental experience) concentrates on refining musical skills and learning basic music theory.

Advanced Band (for the student with a minimum of two years of playing experience) concentrates on developing advanced music reading, music theory and performance. A variety of styles and forms of music are introduced, studied, and performed at local and school events.

Jazz Ensemble is designed to acquaint students with jazz music skills. Content includes interpretation and analysis of musical scores, application of jazz nuances in playing from a musical part, improvisation, advanced rhythm patterns, performance as a soloist and in small and large group ensembles, and a variety (style, periods) of music repertoire and sight-reading exercises.



- ★ GUITAR I & II
- ★ STRINGS ENSEMBLE*
(Teacher Approval Required)

MUS301/2
MUI305

* Repeatable Course

Grade Level: 9, 10, 11, 12

Year - 1.0 credit



These courses are designed to introduce students to the study of the guitar and give students with prior experience on acoustic violin, viola, cello, and double bass the opportunity to further their skills. Content includes staff notation and rhythm concepts, major and minor chord recognition, strumming and picking techniques, listening skills, familiarity in the playing of all strings, ensemble skills, singing, tuning and intonation.



★ **BEGINNING** MUV301
 ★ **ADVANCED*** MUV302
 ★ **SHOW CHOIR*** MUV303
CHORUS
 * Repeatable Course

Grade Level: 9, 10, 11, 12 Students will be placed at the proper choral level **Year - 1.0 credit**



These classes are designed to provide students with continuing development of sight-reading ability and advanced vocal music learning experiences, including a wide variety of choral literature, secular and non-secular music, and participating in public performances.

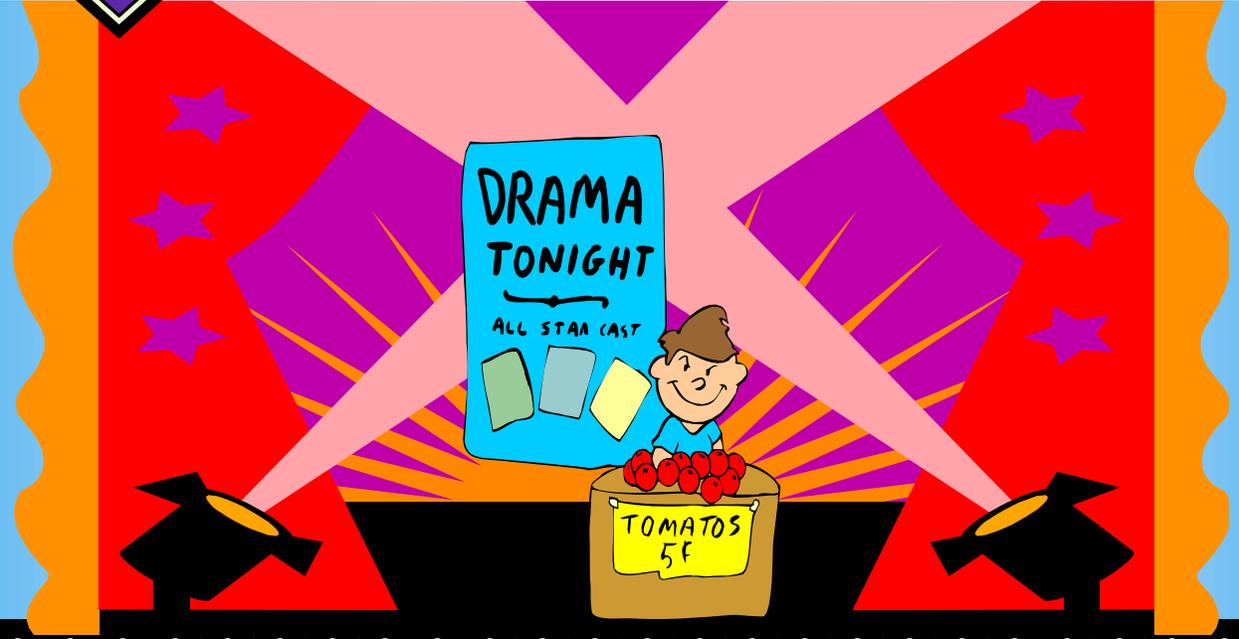


★ **DRAMA-THEATER** DRA301
 ★ **ADVANCED DRAMA*** DRA401

Grade Level: 9, 10, 11, 12 **Year - 1.0 credit**
 * Repeatable Course



These courses are designed to provide students with an opportunity to experience drama as a significant and rewarding activity. Students learn the fundamentals of drama by participating in team building theatre games, improvisations, exercises, starter scenes, and eventually acting in a group play. Different play genres are read in class and scenes used as acting exercises. Students enrolled in these courses must be prepared to participate.



PE & HEALTH

PE = 1.5 CREDITS
 HEALTH = .5 CREDIT
 ☆ GRADUATION REQUIREMENT ☆

All PE courses integrate personal and social development skills. Such skills include participating fully, cooperatively, and safely. Students will follow rules of etiquette and ethical behavior while using age appropriate self control, feedback for improvement, responding appropriately to decisions by teachers and officials, and assisting and encouraging others. Students will initiate behaviors that show commitment to fitness, and contribute to personal, partner, or group effort.

These PE courses should be taken in 9th- and 10th-Grade, and in the following order:

PERSONAL FITNESS

☆ GRADUATION REQUIREMENT ☆

PEF301

Grade Level: 9, 10 (11, 12)

Semester - .5 credit

This course focuses on health and skill-related fitness. Students will learn how to assess, develop goals for improvement, and demonstrate correct techniques for both health and skill-related fitness. Students will also learn and apply knowledge of the importance of nutrition and daily physical activity.

LIFETIME SPORTS

☆ GRADUATION REQUIREMENT ☆

PEL301

Grade Level: 9, 10 (11, 12)

Semester - .5 credit

Preparation: Personal Fitness

This course focuses on learning and improving specialized skills, strategies, and rules for selected team and individual sports. Students will appropriately associate skills learned in Personal Fitness to contribute to lifelong fitness and wellness for selected sports.

NOTE: Successful completion of two years of JROTC will serve as an alternative method of meeting the semester graduation requirement for **Lifetime Sports** (PEL301).

ACTIVITY & NUTRITION

☆ GRADUATION REQUIREMENT ☆

PEN301

Grade Level: 10 (11, 12)

Semester - .5 credit

Preparation: Personal Fitness and Lifetime Sports

This course is a culmination of Personal Fitness and Lifetime Sports. Students will use previously learned concepts to self-assess, evaluate requirements, and adjust needs in selected non-competitive activities. Students will develop activity learning and nutrition plans to continue lifelong fitness.



HEALTH EDUCATION

★ GRADUATION REQUIREMENT ★

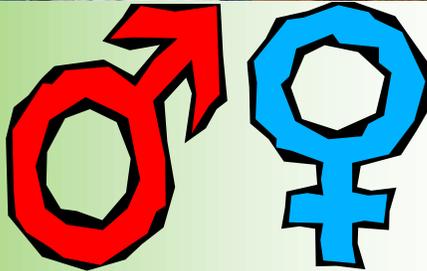
HLH301

Grade Level: 10 (11, 12)

Semester - .5 credit



The focus of this course is on students dealing with the world today and preparing for adult living based on a health and wellness ethic. Topics/issues covered are often those that have immediate impact and application to a student's life: personal and community health, safety, mental health, alcohol, tobacco, drugs, family life, and human sexuality.



SPECIAL ELECTIVES

AVID

LAV301+

ADVANCEMENT VIA INDIVIDUAL DETERMINATION

Acceptance into AVID Program required
Grade Level: 9, 10, 11, 12

Year - 1.0 credit



AVID is a college preparatory program with the mission of ensuring students in the middle academic performance range will:

- succeed in a rigorous curriculum.
- become active participants in school activities.
- increase their chances of acceptance to four-year colleges.
- become educated and responsible participants and leaders.



The AVID curriculum has an emphasis on the writing process and writing as a tool of learning. In addition to inquiry and collaboration, AVID also provides students with academic survival skills such as time management, Cornell note-taking, textbook reading, extensive research, public speaking, test-taking skills, and study skills. *A one-year contract is required for this course. Interested students must submit an application to the program. Entry into the program is dependent on the applicant's interview, standardized test scores, grade point average, parent approval, and teacher approval.*

YEARBOOK PRODUCTION*

AAY301

Grade Level: 10, 11, 12

Teacher approval required.

Year - 1.0 credit

* Repeatable Course



This is a practical course designed to produce the official yearbook for the school. All phases of yearbook production, including digital photography, copy writing, page layout, and book and advertisement sales are included. The concept of accurate photojournalism is balanced with the need to present the events, activities, and personalities of the school year in a positive manner. *Students need a strong working knowledge of computer applications prior to taking this course.*

SPECIAL ELECTIVES

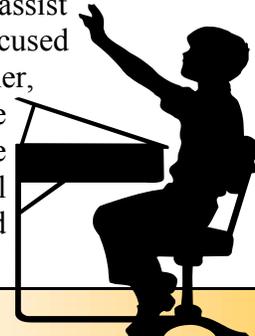
LEARNING STRATEGIES*

AAC331

Individual Education Plan required
Grade Level: 9, 10, 11, 12

Year - 1.0 credit
 * Repeatable Course

These special education courses are designed to remediate and assist basic skill development for a successful learner. Using a focused curriculum that strives to challenge and motivate the learner, skills are taught to the individual and/or group across the disciplines. Discipline areas taught include all core subjects: math, reading, English, science, and Social Studies. Components of writing, reading, research, and communication are integrated into the curriculum.



ONLINE VIRTUAL SCHOOL

Grade Level: 10, 11, 12

Semester - .5 credit
or Year - 1.0 credit

The DoDEA Online Virtual School broadens the range of course offerings and activities available to students through the use of distance learning technologies. Through the Online Virtual School, students are able to take courses that are not offered at the local school. The program offers a highly interactive learning environment through the use of computer conferencing technology via the Internet. Courses offered:

- Trigonometry
- Computer Programming: Java
- Gaming Design
- Marine Biology
- Earth/Space Science
- Humanities
- Art Appreciation
- Music Appreciation
- Family Consumer Science
- Business & Personal Finances
- Psychology
- Sociology
- French
- Japanese
- AP Statistics
- AP Calculus AB/BC
- AP Biology
- AP Physics
- AP Environmental Science
- AP Government & Politics
- AP Macroeconomics
- AP Microeconomics
- AP Psychology
- AP Spanish Language
- AP German Language
- AP French Language
- AP Computer Science
- AP Art History





CollegeBoard
connect to college success™



**Welcome to
ANTILLES HIGH SCHOOL'S**

**ADVANCED PLACEMENT
PROGRAM!**

CONNECTING STUDENTS TO COLLEGE SUCCESS!

AP is a rigorous academic program built on the commitment, passion, and hard work of students and educators from both secondary schools and higher education. **Since 1955, the AP Program has enabled millions of students to take college-level courses and exams, and to earn college credit or placement while still in high school.**

Taking AP also increases eligibility for scholarships and makes candidates more attractive to colleges:

- 31 percent of colleges and universities consider a student's AP experience when making decisions about which students will receive scholarships.
- 85 percent of selective colleges and universities report that a student's AP experience favorably impacts admissions decisions.

The unique benefits of AP include opportunities to:

- Earn credit or placement for qualifying AP Exam grades.
- Stand out in the admissions process.
- Earn academic scholarships and awards from colleges and universities.
- Experience a college-level exam.
- Be prepared for college-level course work.
- DoDEA picks up the tab and pays for your Exam.... \$83 worth!

ADVANCED PLACEMENT ENGLISH

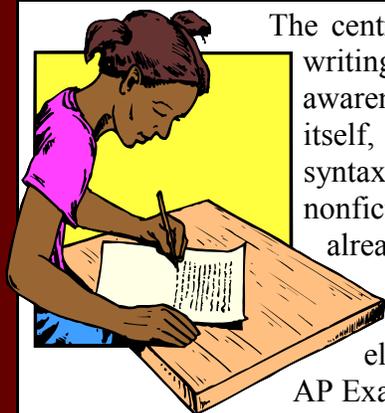
★ AP ENGLISH LANGUAGE & COMPOSITION

LAC614

(GPA weighted upon completion of AP Exam)

This course may be taken in lieu of English 11

Year - 1.0 credit



The central emphasis of this **college-level** course focuses on reading and writing expository, analytical, and argumentative essays leading to an awareness of the interactions among the author, the audience, the subject itself, generic conventions, and the resources of language, including syntax, word choice, and tone. Selected literary samples supplemental to nonfiction prose will be included. It is assumed that the student has already developed a command of standard English grammar; the course should contribute to making the participant a more mature writer, able to write competently in college level subjects. Students electing to take this course are expected to take the College Board's AP Exam in May near the completion of the course.



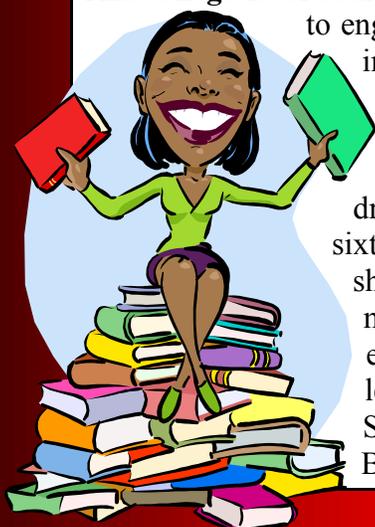
★ AP ENGLISH LITERATURE & COMPOSITION

LAL613

(GPA weighted upon completion of AP Exam)

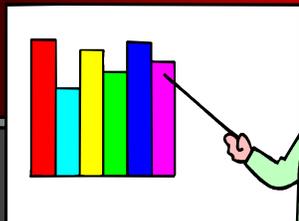
This course may be taken in lieu of English 12

Year - 1.0 credit



This **college-level** course is designed for students willing to accept an intellectual challenge and to engage in creative and analytical thinking skills. Students will experience, interpret, and evaluate challenging imaginative literature of recognized importance. This course provides a “representative” background in the “deliberate reading and critical analysis” of British and American literature in addition to readings drawn from several genres (poetry, drama, fiction, and expository prose) and cultures dating from the sixteenth century to the present. Students who are enrolled in this course should expect a more intense workload; the breadth, pace, and depth of material covered exceeds the standard English class. This course is the equivalent to an introductory college-level literature class with college-level requirements. It is intended to be both rigorous and challenging. Students electing to take this course are expected to take the College Board's AP Exam in May near the completion of the course.

ADVANCED PLACEMENT MATHEMATICS



★ AP STATISTICS

(GPA weighted upon completion of AP Exam)

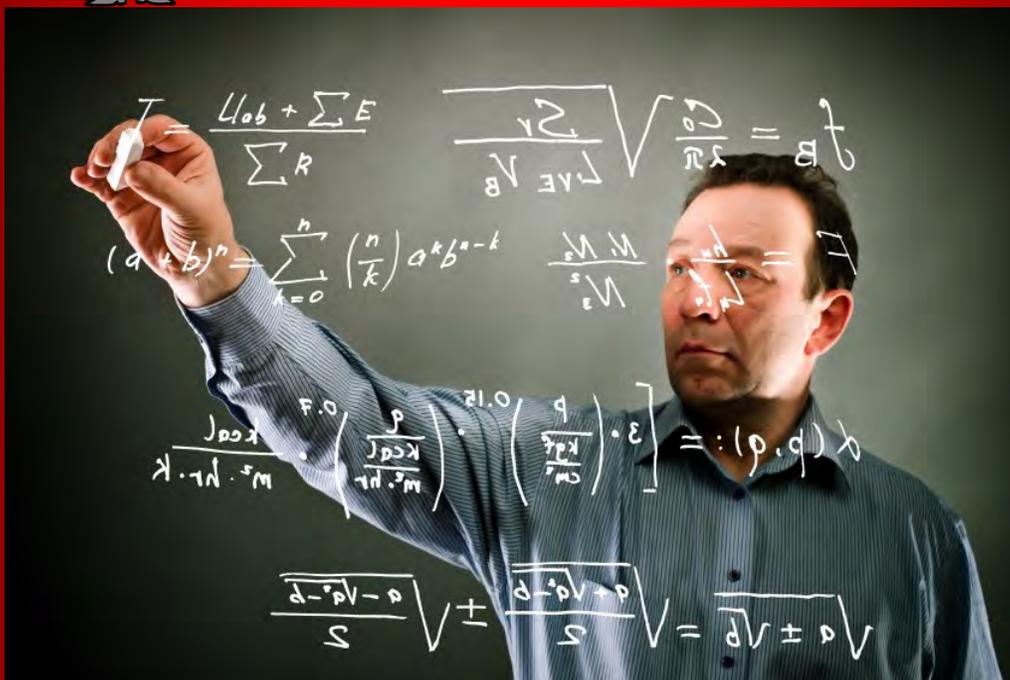
MAZ611

Grade Level: 12

Year - 1.0 credit

Preparation: Geometry and Algebra II

The concepts and content for this college-level course are divided into four major themes: exploratory analysis, planning a study, probability, and statistical inference. Students are required to furnish their own graphing calculator. Students electing to take this course are expected to take the College Board's AP Exam in May.



★ AP CALCULUS AB

MAC612

★ AP CALCULUS BC

MAC613

(GPA weighted upon completion of AP Exam)

Grade Level: 12

Year - 1.0 credit

Preparation: Math Analysis/Pre-Calculus

This college-level course provides an in-depth introduction to differential and integral calculus, including investigation of limiting processes, interpreting maximum and minimum values of graphs and their meaning in problem situations, finding the area under a curve, and other uses of the definite integral in applications. Students electing to take this course are expected to take the College Board's AP Exam in May.



ADVANCED PLACEMENT SCIENCE

★ AP BIOLOGY

SCB612

(GPA weighted upon completion of AP Exam)

Grade Level: 11, 12

Year - 1.0 credit

Preparation: Biology, Chemistry

This **college-level** course guides students to a deeper understanding of biological concepts including the diversity and unity of life, energy and the processes of life, homeostasis, and genetics. Students learn about regulation, communication, and signaling in living organisms, as well as interactions of biological systems. Students electing to take this course are expected to take the College Board's AP Exam in May near the completion of the course.

★ AP CHEMISTRY

SCC612

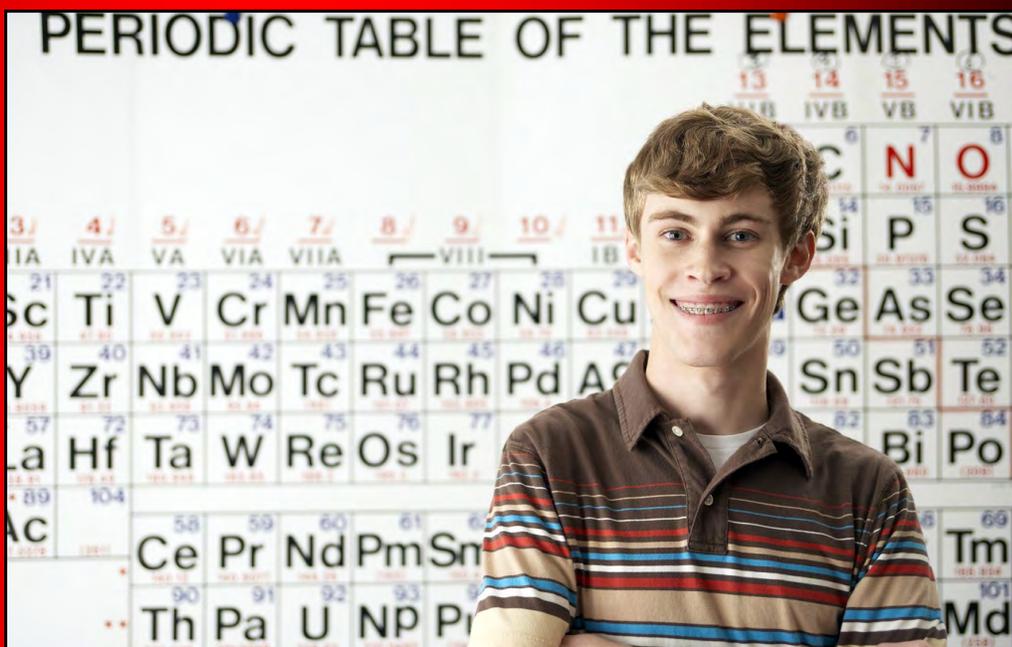
(GPA weighted upon completion of AP Exam)

Grade Level: 11, 12

Year - 1.0 credit

Preparation: Biology, Chemistry, Algebra

This **college-level** course builds on the basic introductory chemistry class and deepens the topic, so that students are better able to manipulate and deal with common chemical problems in order to further develop their oral, mathematical, and written problem-solving skills. Students also will conduct laboratory experiments similar to the type of lab presented in a first-year, college chemistry course. Students electing to take this course are expected to take the College Board's AP Exam in May near the completion of the course.



ADVANCED PLACEMENT SOCIAL STUDIES

★ AP WORLD HISTORY

SSW612

(GPA weighted upon completion of AP Exam)

This course may be taken in lieu of World History 10
Grade Level: 10, 11, 12

Year - 1.0 credit

This is a **college-level** course that is designed to develop greater understanding of the evolution of global processes and contacts in different types of human societies. The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. Students electing to take this course are expected to take the College Board's AP Exam in May near the completion of the course.



★ AP UNITED STATES HISTORY

SSU611

(GPA weighted upon completion of AP Exam)

This course may be taken in lieu of U.S. History
Grade Level: 11

Year - 1.0 credit

This is a **college-level** American History course that begins with the colonial period and continues to the present day. Students electing to take this course are expected to take the College Board's AP Exam in May near the completion of the course.



ADVANCED PLACEMENT WORLD LANGUAGE

★ AP SPANISH LANGUAGE

(GPA weighted upon completion of AP Exam)



FLS615

Grade Level: 10, 11, 12

Preparation: Level V

Year - 1.0 credit

This interactive **college-level** course (conducted in Spanish) will prepare students to communicate proficiently through three modes: interpretive (receptive communication), presentational (1-way productive communication), and interpersonal (2-way interactive communication). Students electing to take this course are expected to take the College Board's AP Exam in May near the completion of the course.

★ AP SPANISH LITERATURE

(GPA weighted upon completion of AP Exam)

FLS614

Grade Level: 10, 11, 12

Preparation: Level VI or AP Spanish Language

Year - 1.0 credit



This **college-level** course (conducted in Spanish) strengthens the student's ability to communicate proficiently through five domains of learning: Communication, Cultures, Connections, Comparisons, and Communities. Students study a representative body of Peninsular and Latin American literature and a variety of literary genres and authors. The reading list spans Medieval and Golden Age, 19th Century Literature, and 20th Century Literature. Students electing to take this course are expected to take the College Board's AP Exam in May near the completion of the course.





ANTILLES HIGH SCHOOL
PROUDLY PRESENTS!

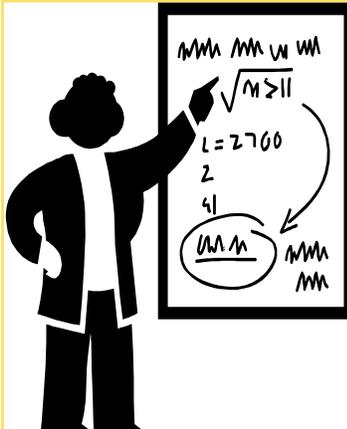
DUAL ENROLLMENT PROGRAM

NEW!

NEW!

CONNECTING STUDENTS TO COLLEGE SUCCESS!

What is DUAL ENROLLMENT?



A program by which an eligible Antilles High School student is simultaneously enrolled at an institution of higher learning (college or university), in order to take college-level course(s), as well as enrolled in a contingent of high school courses that are taken at school. Upon successful completion of the college-level course(s), a student will receive credit that may be applied toward their DoDEA high school diploma **and** toward a college degree or certificate. Costs for tuition, textbooks, and fees will be the student's responsibility.

The **AHS Dual Enrollment Program** is designed for accelerated and advanced students who have concrete plans to attend a stateside college/university after graduation, as well as for students who plan to remain in Puerto Rico to pursue post-secondary studies. In either case, the college credits they earn via the Dual Enrollment Program will be highly transferrable.

Further, the Program is designed to:

- ★ Engage students in quality college and career pathways and course-taking, in order to promote successful post-secondary student outcomes.
- ★ Foster a college-and-career-going culture at AHS by encouraging students to engage in and successfully complete college-level coursework.
- ★ Meet the unique academic needs of individual students by authorizing post-secondary courses during their high school career.

DUAL ENROLLMENT PROGRAM

CONNECTING STUDENTS TO COLLEGE SUCCESS!

What are the GOALS of the DUAL ENROLLMENT PROGRAM?

- ★ Provide an opportunity for students to experience college coursework before graduating from high school.
- ★ Enhance and enrich the student's high school learning experience.
- ★ More effectively prepare the student for the transition to college and career.
- ★ Allow students to obtain a head start on their college coursework.
- ★ Allow students to experience the rigors of a college course.
- ★ Allow students to learn what college-level subjects and disciplines may interest them.
- ★ Allow students the possibility of attaining an Associate of Arts or equivalent degree shortly before or after their high school graduation.
- ★ Allow qualified and motivated students to take a Dual Enrollment course as early as 10th Grade.
- ★ Allow students to experience college-level work at minimal cost to their family and at no cost to AHS or DoDEA.

