BAUMHOLDER High School

Home of the Buccaneers!

UNIT 23816 BOX 30
APO AE 09034

BAUMHOLDER MILITARY COMMUNITY
BAUMHOLDER, GERMANY

SCHOOL CODE: 576060
WEBSITE:
www.baum-hs.eu.dodea.edu

in Beautiful

JOSEPH MALLOY
Principal

RICHARD JIMENEZ
Asst. Principal

Dear Parents and Students:

Baumholder High School proudly presents our Program of Studies for the 2013-2014 School Year! In every way, Baumholder 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 Foreign Language. Baumholder High also offers its students the opportunity to focus in on the electives of their choice via our Career and Technical Education Program.

BHS 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 allows each student the opportunity to customize their high school experience. BHS's commitment to the individual success of each student has been highly recognized throughout the DoDDS-Europe Kaiserslautern School District.

BHS is committed to the community. Business partnerships, active community/school partnerships such as a Parent-Teacher Organization, a School Advisory Committee, and a comprehensive volunteer program are all in place.

BHS is committed to the family. At Baumholder 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 BHS mission.

Together, we are striving for excellence!

Welcome to your future! Welcome to Baumholder High!

Sincerely,

Mr. JOSEPH MALLOY
Principal

TABLE of CONTENTS

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 ❒ ❒ ENG 10 ❒ ❒ ENG 11 ❒ ❒ ENG 12 ❒ ❒
MATHEMATICS Two credits must be in coursework that includes Algebra and Geometry (*Beginning with entering Freshmen, SY 2012-2013 — Class of 2016) →	3 4*	ALG I ❒ ❒ GEOM ❒ ❒ OTHER ❒ ❒ OTHER ❒ ❒
SCIENCE Including Biology, plus Chemistry or Physics	3	CH/PH ❒ ❒ BIO ❒ ❒ OTHER ❒ ❒
SOCIAL STUDIES Including World History, US History, and US Government	3	WH9 ❒ ❒ WH10 ❒ ❒ USHIST ❒ ❒ USGOV ❒
FOREIGN LANGUAGE Two credits of the same foreign language	2	❒ ❒ ❒ ❒
HEALTH EDUCATION	.5	❒
PHYSICAL EDUCATION Including Lifetime Sports, Personal Fitness, and Activity & Nutrition	1.5	LS ❒ PF ❒ AN ❒
ART EDUCATION Fine Arts and/or Performing Arts	1	❒ ❒
CAREER & TECHNICAL EDUCATION ½ credit must be in Computer Education	2	COMP ❒ OTHER ❒ ❒ ❒
ELECTIVES (*Beginning with entering Freshmen, SY 2012-2013 — Class of 2016) →	6 5*	❒❒❒❒❒❒ ❒❒❒❒❒❒

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 credits = Advanced Placement courses**
  (must take requisite exams)

RECOMMENDED CURRICULUM

9th GRADE

1st SEM	2nd SEM
ENGLISH 9	
MATH	
SCIENCE	
WORLD HISTORY 9	
FOREIGN LANGUAGE	
PE Personal Fitness	PE Lifetime Sports
Computer Educ	Elective

10th GRADE

1st SEM	2nd SEM
ENGLISH 10	
MATH	
SCIENCE	
WORLD HISTORY 10	
FOREIGN 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 Foreign Language are always highly recommended.

ACADEMICS at-a-glance

LANGUAGE ARTS

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

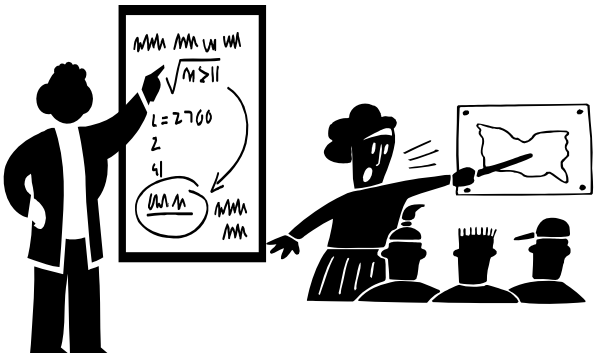
**summer reading/writing assignments required*

LANGUAGE ARTS SUPPORT

REDx05		Reading Lab
LAEx05		Language Arts Lab

ENGLISH as a SECOND LANGUAGE

LAAx01		• ESL Communication Beg/Dev/Expand/Bridging • Entrance to English



MATHEMATICS

MAA301		Algebra I
MAG401		Geometry
MAZ501		Discrete Math
MAZ502S		Financial Literacy
MAZ503S		Engineering Applic
MAZ505		Algebraic Modeling
MAA401		Algebra II
MAZ504		Advanced Functions
MAD501		Math Analysis
MAZ611		AP Statistics
MAC612		AP Calculus

MATH SUPPORT

MAA305		Algebra I Lab
MAG405		Geometry Lab

SOCIAL STUDIES

SSC305		World History 9
SSW371		Honors World History 9 linked with Honors Literature 9
SSW401		World History 10
SSW471		Honors World History 10 linked with Honors Literature 10
SSU501		US History
SSU611		AP US History linked with AP Eng Language
SSG601		US Government
SSZ611		AP European Hist

SCIENCE

SCP302		Physics Applic
SCZ302		Earth & Space Sci
SCB401		Biology
SCC501		Chemistry
SCC502		Chemistry Applic
SCP501		Physics
SCX401		Human Anatomy
CTE504		Green Technology Engineering
SCB612		AP Biology
SCC612		AP Chemistry

FOREIGN LANGUAGE

FLS301		Spanish I
FLS401		Spanish II
FLS501		Spanish III
FLS601		Spanish IV
FLG301		German I
FLG401		German II
FLG501		German III
FLG601		German IV
FLF301		French I
FLF401		French II

ONLINE VIRTUAL SCHOOL

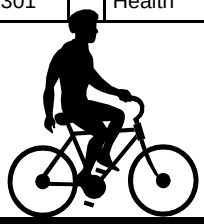
See **Page 46** for a complete listing of other available Academic courses!

ELECTIVES

at-a-glance

PHYSICAL EDUCATION & HEALTH

• PEL301 • PEF301 • PEN301 • PEG402		• Lifetime Sports • Personal Fitness • Activity/Nutrition • Conditioning
HLH301		Health



ART EDUCATION

FINE ARTS

ARA301		Fundamentals of Art
ARW401		Drawing
ARE401		Ceramics
ARS401		Studio Art

PERFORMING ARTS

DRA301		Drama-Theater
MUI301		Beginning Band
MUI302		Intermediate Band
MUI303		Advanced Band
MUV302		Chorus

SPECIAL ELECTIVES

LAVx01		AVID 9 10 11 12
AAY301		Yearbook Production
SSZ403		Model United Nations
SSZ501		Contemporary Issues
SSP501		Psychology
SSZ303		Street Law
SSN401		Economics

CAREER & TECHNICAL EDUCATION

COMPUTER TECHNOLOGY

PTI405		Digital Media
PTI407		Web Design

SOFTWARE CERTIFICATION

PTI303		Microsoft WORD
PTI304		Microsoft POWERPOINT
PTI305		Microsoft ACCESS
PTI306		Microsoft EXCEL
PTI307		Adobe PHOTO SHOP

AUDIO-VIDEO TECHNOLOGY

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

ENGINEERING TECHNOLOGY

PTE301		Principles of Engineering
PTE303		Engineering Drawing/CAD
PTE501		Engineering Design/Tech I
PTE601		Engineering Design/Tech II
CTE504		Green Technology Engineering

RESTAURANT SERVICES

PTF401		Culinary Arts I (2 credits)
PTF402		Culinary Arts II (2 credits)

JUNIOR ROTC

VERxxx		Army ROTC I II III IV

BUSINESS & MANAGEMENT

PTB301		Business/Personal Finances
PTB401		Management Int'l Business
PTB402		Accounting I-II
PTB501		Marketing/Entrepreneurship
PTB503		Business Law

OTHER

PTW50x		Career Practicum

ONLINE VIRTUAL SCHOOL

See **Page 46** for a complete listing of other available Elective courses!

IMPORTANT REMINDERS

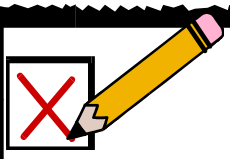
GRADE CLASSIFICATION

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

HONORS AND ADVANCED PLACEMENT PROGRAM

BHS 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. College Board 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 signed by the parent.

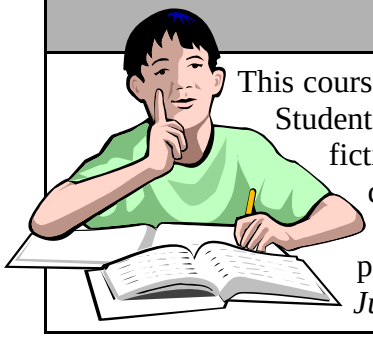
Keep in mind that a schedule change request does not guarantee that a change will occur. Consideration will be given to each student based on availability, class space, and with minimal change in the current schedule.

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. Major works studied are *Romeo and Juliet*, *To Kill A Mockingbird*, *Twelve Angry Men*, *The Odyssey*, and *The Contender*.

OR

★ HONORS LITERATURE 9 AND ★ HONORS WORLD HISTORY 9 — LAE371 SSW371

9th Grade HONORS PROGRAM

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. Specific activities and research will be completed each quarter. These assignments will assess student progress in meeting the standards for these courses.

>>> IMPORTANT NOTICE <<<

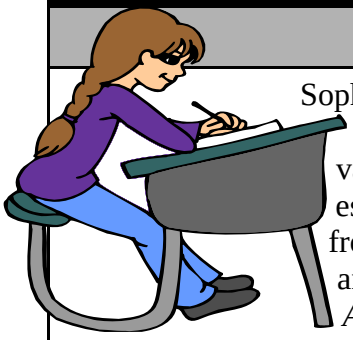
- ***This integrated Honors 9 Program is for students who should have demonstrated strong comprehension of 8th Grade English and History.***
- The **Honors Literature 9** course is linked with the **Honors World History 9** course. The honors grade is based on competent and timely completion of challenging 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. 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. *A Raisin in the Sun, Julius Caesar, Night, All Quiet on the Western Front, Fahrenheit 451, Frankenstein,* and *1984* are among the works commonly taught in this course.

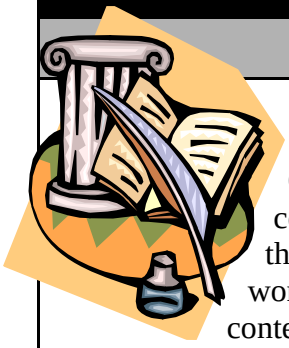
OR

★ HONORS LITERATURE 10 AND ★ HONORS WORLD HISTORY 10

10th Grade HONORS PROGRAM

LAE471 SSW471

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; therefore, students will receive the same grade in both courses.

>>> 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 **Honors World History 10** 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 10 and Honors World History 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.

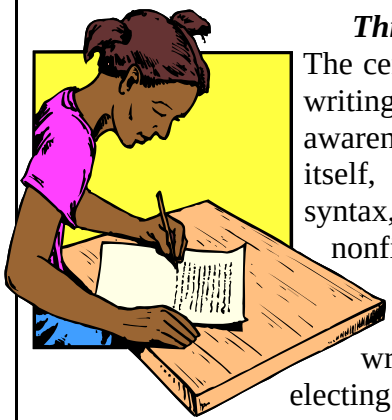
OR

ADVANCED PLACEMENT

AP ENGLISH LANGUAGE & COMPOSITION — LAC614

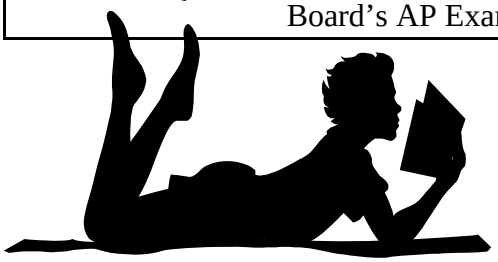
(GPA weighted upon completion of AP Exam)

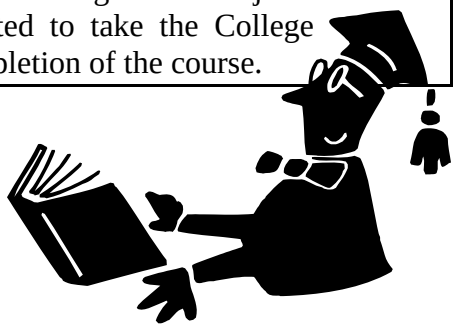
This course may be taken in lieu of English 11 | **Year - 1.0 credit**



This course is linked with the AP United States History course.

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.



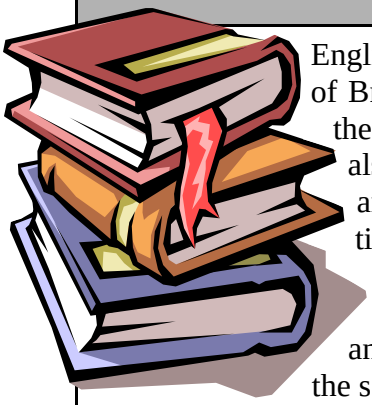


ENGLISH 12

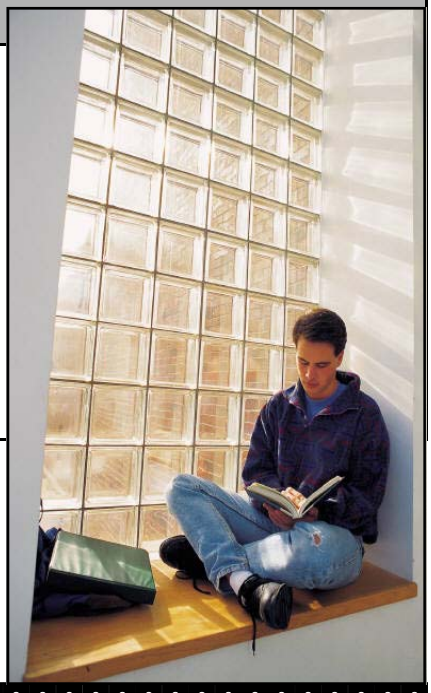
1 CREDIT
★ GRADUATION REQUIREMENT ★

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.



OR

ADVANCED PLACEMENT

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.

ELECTIVES

READING LAB: 9 thru 12	RED305/405/505/605
Year - 1.0 credit	

ELECTIVE

This course is designed to provide reading instruction for students who are in need of remedial assistance. The scope of such instruction is generally focused on decoding strategies, basic vocabulary development, comprehension at the literal level, simplified study techniques, reading for personal pleasure, and the application of these skills to daily life. The reading and vocabulary selections are integrated with the reading requirements from the student's other courses.

E.S.L.

ENGLISH as a SECOND LANGUAGE

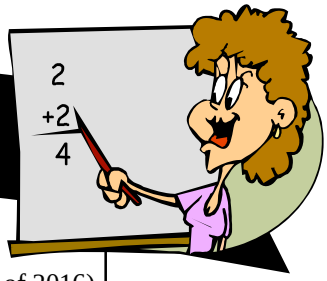
Students are screened and placed in the appropriate course level by the ESL Dept.
Two credits of ESL may be substituted for two credits of English to meet graduation requirements.

ESL - STARTING COMMUNICATION	LAA301
ESL - EMERGING COMMUNICATION	LAA401
ESL - DEVELOPING COMMUNICATION	LAA501
ESL - EXPANDING COMMUNICATION	LAA601
ESL - BRIDGING COMMUNICATION	LAA602
ENTRANCE into ENGLISH	LAA302

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.

MATHEMATICS



3 CREDITS

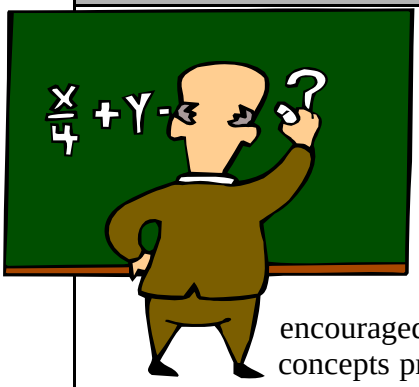
★ GRADUATION REQUIREMENT ★

(**4 credits!** Beginning with entering Freshmen, SY 2012-2013 — Class of 2016)

The student's current math teacher recommendation is 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.

ALGEBRA I — ★ GRADUATION REQUIREMENT ★ — MAA301

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



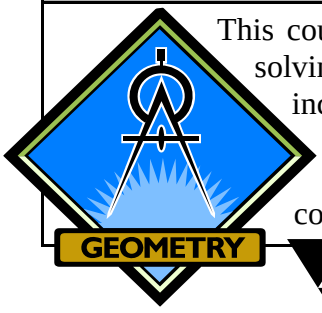
This course expands upon basic math concepts previously acquired and integrates those principles with everyday life. This gives students a better understanding of how algebra is relevant to their future lives and careers. Students will use formulas, functions, and equations to describe and clarify relationships. 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.

is an essential part of everyone's life!

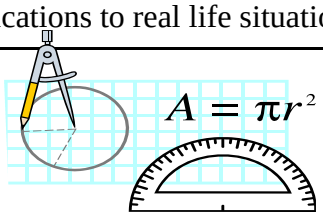
GEOMETRY — ★ GRADUATION REQUIREMENT ★ — MAG401

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

Preparation: Algebra I

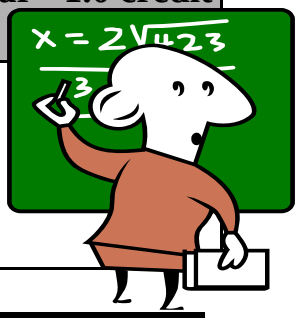


This course is designed to develop and promote student reasoning and problem solving involving geometric concepts and properties. Topics of study will include deductive reasoning using points, lines, and planes; segments, angles and triangles; quadrilaterals; polygons; and three-dimensional figures.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



DISCRETE MATH — MAZ501

Grade Level: 10, 11, 12
Preparation: Algebra I and Geometry
Year - 1.0 credit



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.

FINANCIAL LITERACY — MAZ502S

NEW!

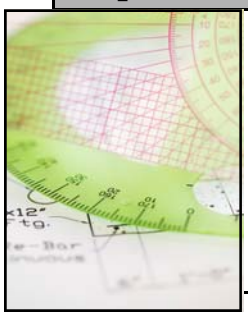
Grade Level: 10, 11, 12
Preparation: Algebra I and Geometry
Semester - .5 credit

This course introduces students to the mathematics and mathematical models used in various financial topics. The focus will be on the applied mathematics, primarily algebraic concepts, surrounding finance and business fundamentals. Students are provided opportunities to develop habits of mind while applying skills and knowledge in mathematics to the area of Finance.

ENGINEERING APPLICATIONS — MAZ503S

NEW!

Grade Level: 10, 11, 12
Preparation: Algebra I and Geometry
Semester - .5 credit



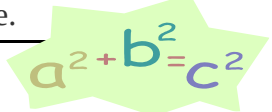
The objective of this course is to increase student motivation and success in engineering through an application-oriented, hands-on introduction to engineering mathematics. This course does not introduce new concepts in mathematics. This course assumes that students have been previously exposed to all necessary mathematical concepts. These concepts will be reviewed, refreshed, and mastered through application to engineering problems. Math topics will be reinforced within the context of engineering application.

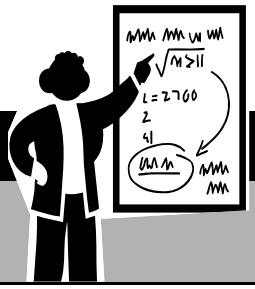
ALGEBRAIC MODELING — MAZ505

NEW!

Grade Level: 10, 11, 12
Preparation: Algebra I and Geometry
Year - 1.0 credit

This course helps students to understand the connection between math and their daily lives. Students will explore Algebra I topics such as linear, quadratic, exponential and piecewise functions 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.

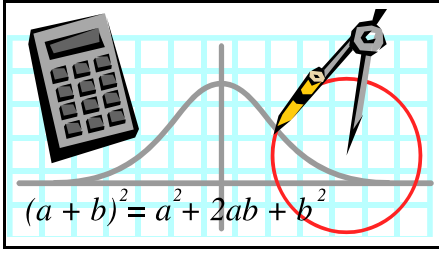




ALGEBRA II — MAA401

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

Year - 1.0 credit



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.

ADVANCED FUNCTIONS — MAZ504

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

Year - 1.0 credit

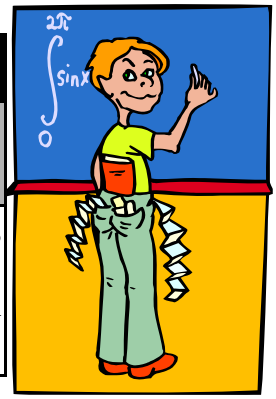
This course is **beyond the Algebra II level.** It will prepare the student for college mathematics and provide an in-depth study of modeling and applying functions. Home, work, recreation, consumer issues, public policy, and scientific investigations are just a few of the areas from which applications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

MATH ANALYSIS — MAD501

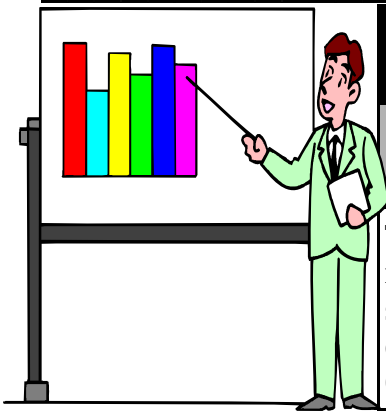
Grade Level: 11, 12
Preparation: Geometry and Algebra II

Year - 1.0 credit

This is a **pre-Calculus** course. Students 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
(GPA weighted upon completion of AP Exam)

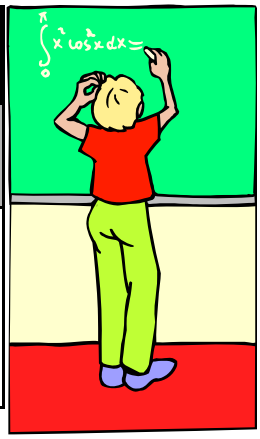
Grade Level: 12 **Preparation: Geometry and Algebra II**	**Year - 1.0 credit**

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
(GPA weighted upon completion of AP Exam)

Grade Level: 12 **Preparation: Math Analysis**	**Year - 1.0 credit**

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.



>>> MATH SUPPORT <<<

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

ALGEBRA I LAB — MAA305
ELECTIVE

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.

GEOMETRY LAB — MAG405
ELECTIVE

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.

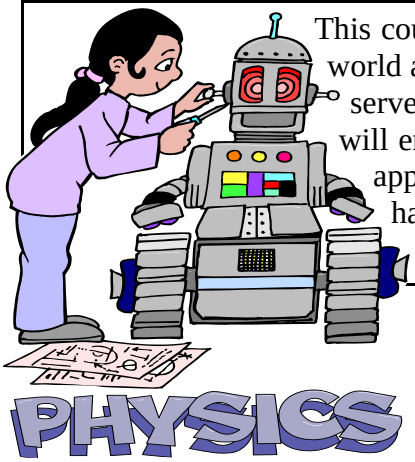
SCIENCE

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.

PHYSICS APPLICATIONS — SCP302

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



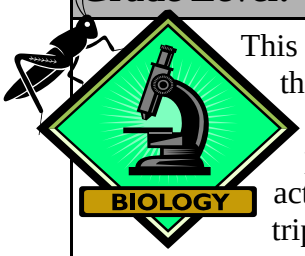
This course will provide students with a conceptual understanding of the world around them - a basic knowledge of the physical universe that will serve as the foundation for other high school science courses. Students will engage in problem solving, decision-making, critical thinking, and applied learning. This is a laboratory course (minimum of 30% hands-on investigation) that integrates principles of chemistry and physics.

"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

BIOLOGY — ★ GRADUATION REQUIREMENT ★ — SCB401

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



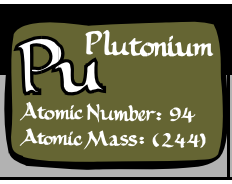
This course is a general survey of the study of LIFE. Topics include: the chemistry of life, cell structures and processes, heredity, Mendelian genetics, evolution, classification, plant and animal physiology, and living things in their environment. Instructional activities include: laboratory investigations,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

EARTH & SPACE SCIENCE — SCZ302

Grade Level: 10, 11, 12 | **Year - 1.0 credit**

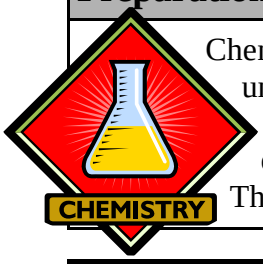
This elective science course is designed for students with a career or special interest and high motivation for an in-depth study of the earth or of outer space. It is designed to help students understand the world around them and increase their ability to evaluate that world. Study topics include geology, astronomy, meteorology, oceanography, and ecology.

CHEMISTRY — SCC501



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

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. This is a math-intensive course.

CHEMISTRY APPLICATIONS — SCC502

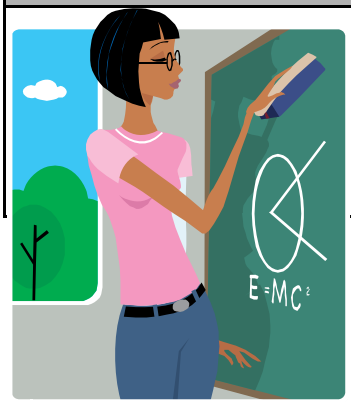
Grade Level: 10, 11, 12 | **Year - 1.0 credit**

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

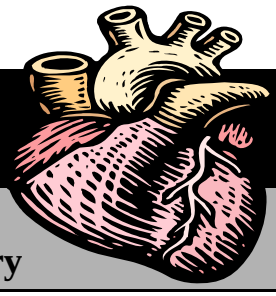
Grade Level: 11, 12
Preparation: Algebra II

Year - 1.0 credit



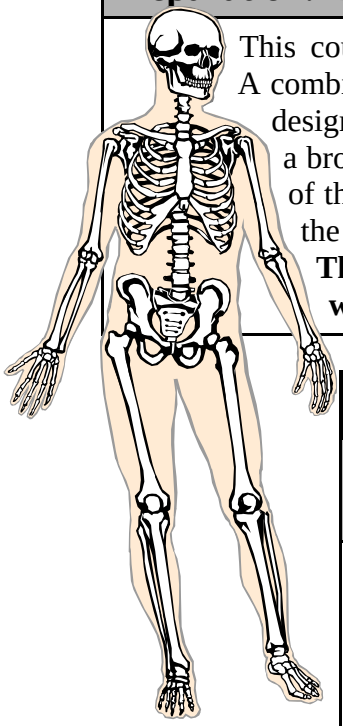
This course provides an understanding of the physical laws fundamental to all sciences. Topics include the study of motion, energy, wave mechanics, and electromagnetics. Algebra math skills are extensively used, as are computer programs to collect, analyze, and report laboratory data.

HUMAN ANATOMY and PHYSIOLOGY — SCX401



Grade Level: 11, 12
Preparation: Biology and Chemistry

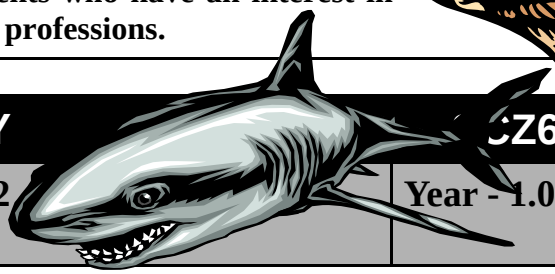
Year - 1.0 credit



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 working in one of the health professions.

MARINE BIOLOGY — CZ6020T



Grade Level: 10, 11, 12
Preparation: Biology

Year - 1.0 credit

This course is taught online via the Online Virtual School.
See Page 46 for more details.

This is an introductory course for the identification and classification of marine organisms. Topics include ecological concepts of the sandy beach and rocky shore communities, seaweeds, planktonic forms, marine life cycles, nekton, benthos, marine bacteriology, marine biological resources, and marine pollution.

GREEN TECHNOLOGY ENGINEERING — CTE504

Grade Level: 10, 11, 12
Preparation: Engineering course(s)

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 immolate the industry of our future energy systems.

ADVANCED PLACEMENT

AP BIOLOGY
(GPA weighted upon completion of AP Exam)

SCB612

Grade Level: 11, 12
Preparation: Biology, Chemistry, Algebra

Year - 1.0 credit

This **college-level** course is designed to provide an understanding of the unifying themes and fundamental concepts and principles of Biology with an emphasis on inquiry and critical thinking skills, including problem-solving, mathematical reasoning, and experimental investigations. Topics of study include molecules and cells, heredity and evolution, and organisms and populations. Laboratory work is an integral component of this course. Technology including graphing calculators, probe ware, graphing and data analysis software, and biological apparatus is used throughout this 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.

AP PHYSICS
(GPA weighted upon completion of AP Exam)

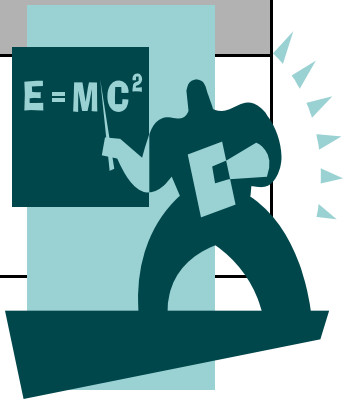
SCP6120T

Grade Level: 11, 12
Preparation: Algebra, Trigonometry

Year - 1.0 credit

This course is taught online via the Online Virtual School.
See Page 46 for more details.

This is a **college-level** course that covers a general introduction to matter and energy, their interactions in the universe, optics, and atomic structure. *Knowledge of algebra concepts is required.* Students electing to take this course are expected to take the College Board's AP Exam in May near the completion of the course.

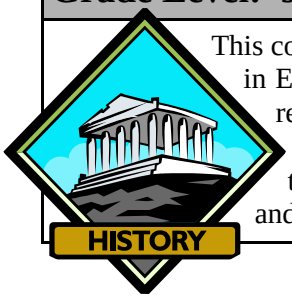


SOCIAL STUDIES

3 CREDITS
★ GRADUATION REQUIREMENT ★

WORLD HISTORY 9: CIVILIZATIONS — 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 throught 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

★ HONORS WORLD HISTORY 9 AND ★ HONORS LITERATURE 9 — SSW371 LAE371

9th Grade HONORS PROGRAM

Year - 2.0 credits

This is an INTEGRATED HONORS PROGRAM

See Page 9 for details!

WORLD HISTORY 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

★ HONORS WORLD HISTORY 10 AND ★ HONORS LITERATURE 10 — SSW4371 LAE471

10th Grade HONORS PROGRAM

Year - 2.0 credits

This is an INTEGRATED HONORS PROGRAM

See Page 10 for details!

U.S. HISTORY — ★ GRADUATION REQUIREMENT ★ — SSU501

Grade Level: 11 | **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

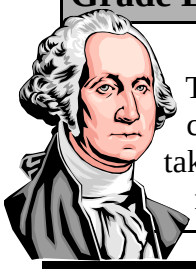
ADVANCED PLACEMENT

AP UNITED STATES HISTORY — SSU611

(GPA weighted upon completion of AP Exam)

This course may be taken in lieu of U.S. History | **Year - 1.0 credit**

Grade Level: 11



This course is linked with the AP English Language course.

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.

U.S. GOVERNMENT — ★ GRADUATION REQUIREMENT ★ — SSG601

Grade Level: 12 | **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

Advanced Placement

AP EUROPEAN HISTORY — SSZ611
(GPA weighted upon completion of AP Exam)

Grade Level: 11, 12 | **Year - 1.0 credit**

This is a **college-level** course that begins with the Renaissance period until the recent modern past. Cultural, economic, political, and social developments that played a fundamental role in shaping the European world are explored. Students electing to take this course are expected to take the College Board's AP Exam in May near the completion of the course.

★ MODEL UNITED NATIONS — SSZ403
★ CONTEMPORARY ISSUES — SSZ501

Grade Level: 10, 11, 12 | **Semester - .5 credit**

These are **demanding** courses designed for students who are interested in international politics. Content includes the study of 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 the country to which the student is assigned to research. Students will prepare resolutions on current problems that reflect their assigned country's political and economic goals and debate their position.

PSYCHOLOGY — SSP501

Grade Level: 11, 12 | **Semester - .5 credit**

This course begins with an introduction to the field of psychology and then focuses on the physical characteristics, cognitive activity, emotional states, and social interaction of human behavior. Students will study the stages of human development, motivational theory, theories of personality, as well as mental wellness and illness.

SOCIOLOGY — SSS401

Grade Level: 11, 12 | **Semester - .5 credit**

Sociology examines the way people interact with one another. The course involves a look into culture, relationships within groups, social institutions, and the organization of societies. Students investigate societal and cultural phenomena that influence the behavior of groups and individuals. Students study current social problems and utilize methods of sociological investigation and research.

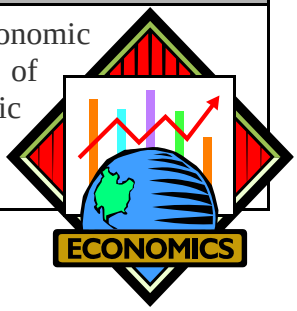
Social Studies Electives

STREET LAW	SSZ303
Grade Level: 10, 11, 12	**Semester - .5 credit**

This course acquaints students with their legal, social, and moral rights under the American justice system. The course explores the details of the juvenile, criminal, and civil legal systems. Students will also study some of the current issues and controversies relating to the law and legal system.

ECONOMICS	SSN401
Grade Level: 11, 12	**Semester - .5 credit**

Students will gain an understanding of the operation and institution of economic systems. Studied in a historical context are the basic economic principles of macro and microeconomics, international economics, comparative economic systems, measurement, and methods. Discussions and analyses of contemporary economic problems and issues underpin the entire course.



FOREIGN LANGUAGE

2 CREDITS
OF THE SAME FOREIGN LANGUAGE
★ GRADUATION REQUIREMENT ★

"Everyone speaks a foreign language…. somewhere in the world."

★ SPANISH I	Hola	FLS301
★ FRENCH I	Bonjour	FLF301
★ GERMAN I	Hallo	FLG301

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	Te quiero	FLS401
★ FRENCH II	Je t'aime	FLF401
★ GERMAN II	Ich liebe dich	FLG401

Grade Level: 9, 10, 11, 12 | **Year - 1.0 credit**
Preparation: Level I

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.

SPANISH III / GERMAN III — FLS501 / FLG501

Gracias — Vielen Dank

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

Year - 1.0 credit

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.

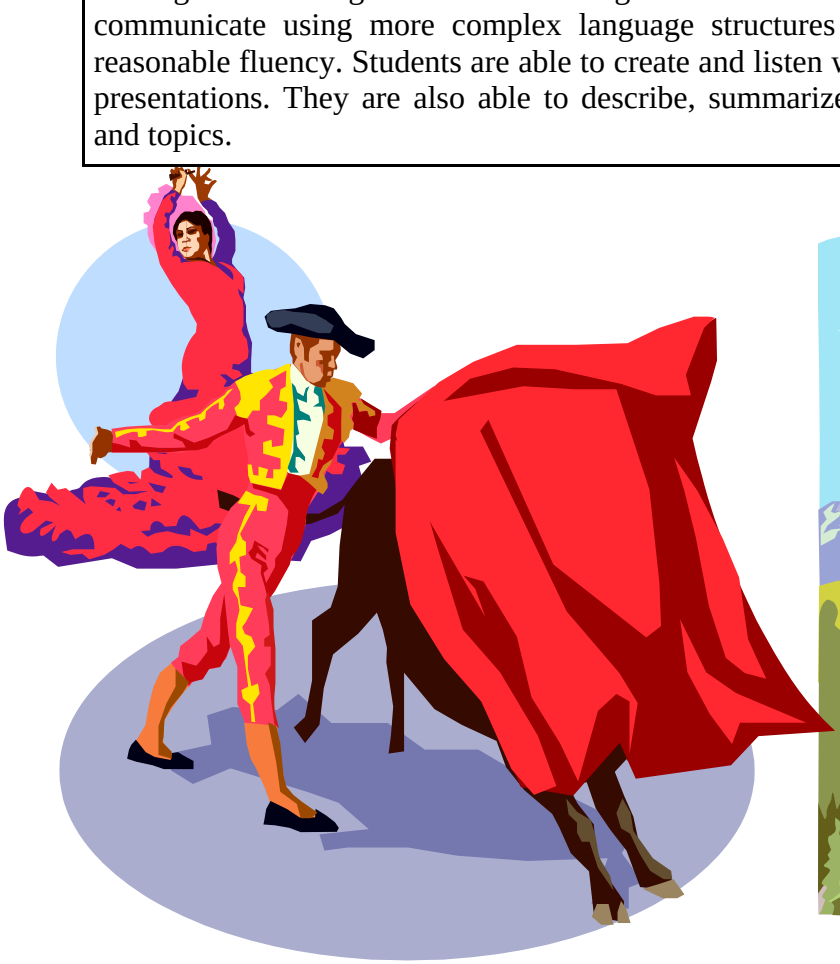
SPANISH IV / GERMAN IV — FLS601 / FLG601

Bienvenido — Willkommen

Grade Level: 10, 11, 12
Preparation: Level III

Year - 1.0 credit

Students develop more sophisticated communication skills in all four areas: listening, speaking, reading and writing. Authentic reading selections are emphasized at this level. 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.



Welcome to
Baumholder High School's

CAREER AND TECHNICAL EDUCATION PROGRAM

FOCUSING EDUCATION ON THE FUTURE!

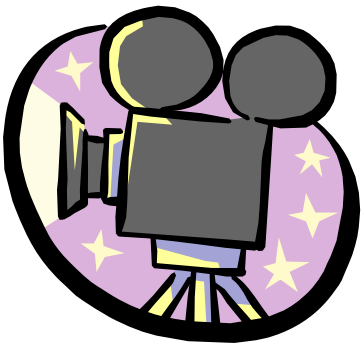
Our impressive variety of CTE course offerings in **computer, technical, and career education** helps students to prepare for college and careers by linking what they learn in school with the knowledge and skills they need for future success. All courses are designed to prepare our students to be technologically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

You also will discover that some components of our CTE Program may lead to industry-wide certification. These course offerings and certifications will enable students to graduate and get a job immediately, if that is what they choose, because the certifications they earn in high school will be no different than those they would earn in college or through some other course of study. Many career and technical programs offer an opportunity for students to intern in their chosen career path.

Career Clusters and Pathways will help students to focus on what they want to do with their lives after graduation. By choosing a pathway of interest, students will be guided into appropriate courses to take and they will begin to understand the importance of subjects like Math, Science and English in preparing them in the area of their career interest. Each pathway focuses students on the courses and experiences that will allow them to explore careers, prepare for 2-year and 4-year colleges, and enter the workplace.

Students who complete the four credits of study in the courses required and recommended for a specific Pathway will earn a Pathway Endorsement on their graduation transcript.

Arts, A/V Technology & Communications



PATHWAY

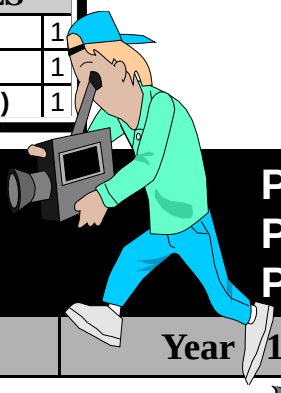
AUDIO/VIDEO TECHNOLOGY & FILM

REQUIRED COURSES

Course Name	Cr
Video Communications I	1
Video Communications II	1

RECOMMENDED COURSES

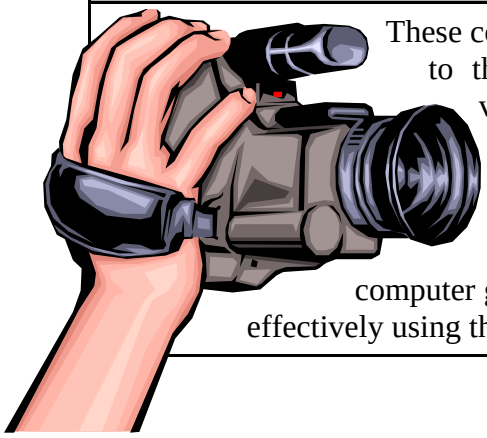
Video Communications III	1
Digital Media	1
Career Practicum (pathway related)	1



★ VIDEO COMMUNICATIONS I — PTV301
★ VIDEO COMMUNICATIONS II — PTV401
★ VIDEO COMMUNICATIONS III — PTV501

Grade Level: 9, 10, 11, 12 | **Year 1.0 credit**

COMPUTER EDUCATION | CAREER EDUCATION



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.

JOURNALISM — LAJ401

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

ELECTIVE

This course encourages student responsibility for the development of personal and staff management skills, for the production of a publishable product, and for adherence to ethical values affecting journalists, while helping students at the same time to refine and put to practical use their thinking, writing, and critiquing skills. The content includes choosing and using appropriate writing techniques in preparing publishable material, utilizing accepted techniques in the preparation of journalistic material, recognizing ethical issues in the practice of journalism, demonstrating the ability to follow journalistic work schedules and deadlines, and analyzing journalistic materials based upon accepted standards.

Business, Management & Administration

PATHWAY

ADMINISTRATION & INFORMATION SUPPORT

REQUIRED COURSES

Course Name	Cr
Word Processing Software Applications	.5
Presentations Software Applications	.5
Spreadsheet Software Applications	.5

RECOMMENDED COURSES

Database Software Applications	1
Spreadsheet Software Applications	.5
Imaging Software Applications	1
Management International Business	1
Accounting I	1
Web Design	.5
Career Practicum (pathway related)	1

SOFTWARE APPLICATIONS

- ★ MS WORD: WORD PROCESSING
- ★ MS POWERPOINT: PRESENTATIONS
- ★ MS ACCESS: DATABASE
- ★ MS EXCEL: SPREADSHEET
- ★ ADOBE PHOTOSHOP: IMAGING

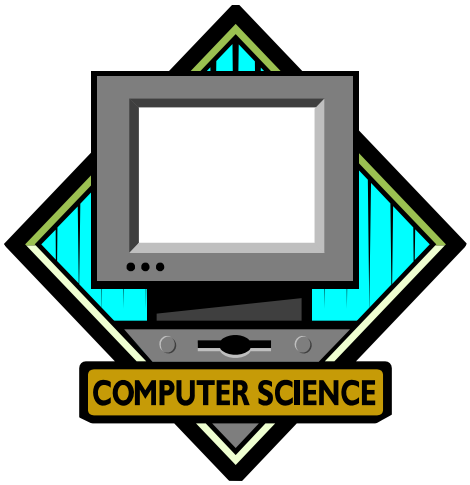
PTI303
PTI304
PTI305
PTI306
PTI307

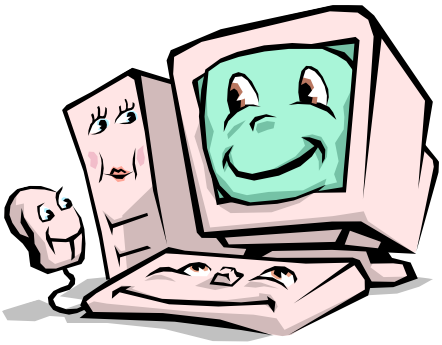
COMPUTER EDUCATION
CAREER EDUCATION

Grade Level: 9, 10, 11, 12
Preparation: Computer Applications

Semester - .5 credit
or Year - 1.0 credit

Each of these courses provide students with the opportunity to develop professional level skills in a specific software application. Instruction will be provided in a lab utilizing individualized instruction and electronic learning services. Students who successfully complete any of these courses will be eligible to take the exam for **Software Certification** in the specific application area.





DIGITAL MEDIA — PTI405

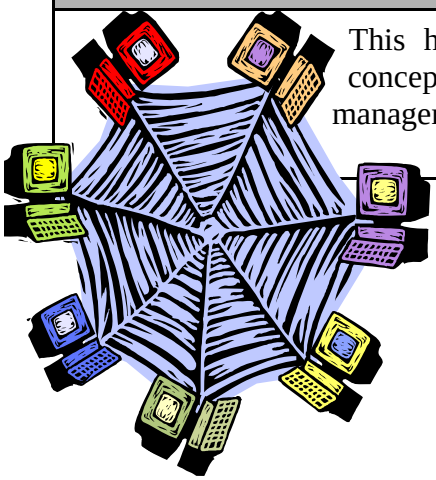
Grade Level: 9, 10, 11, 12 | **Year - 1.0 credit**

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

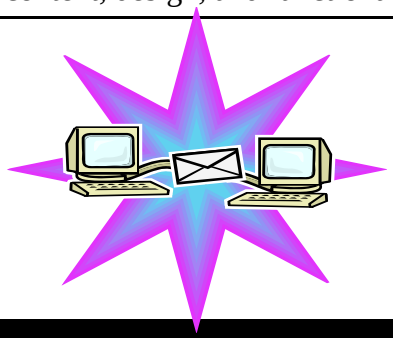
COMPUTER EDUCATION
CAREER EDUCATION

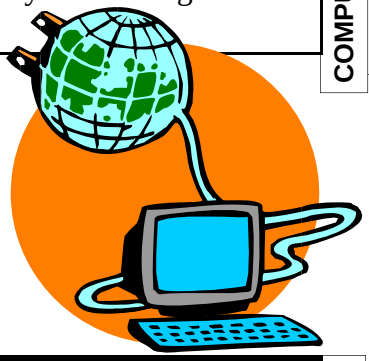
WEB DESIGN — PTI407

Grade Level: 9, 10, 11, 12 | **Semester - .5 credit**



This hands-on laboratory course is designed to teach students the concepts, skills, and processes involved in website development and management. Students also will evaluate a variety of existing websites for content, design, and functionality.



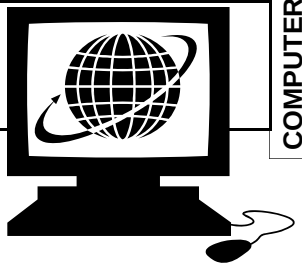


COMPUTER EDUCATION
CAREER EDUCATION

COMPUTER PROGRAMMING
★ JAVA, I & II — PTP3050T+

Grade Level: 10, 11, 12 | **Semester - .5 credit**

These courses are taught online via the Online Virtual School.
See Page 46 for more details.



COMPUTER EDUCATION

Business, Management & Administration

PATHWAY

MANAGEMENT

REQUIRED COURSES

Course Name	Cr
Management International Business	1
Marketing & Entrepreneurship	.5

RECOMMENDED COURSES

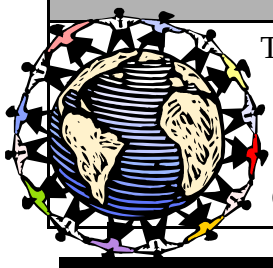
Marketing & Entrepreneurship (con't)	.5
Accounting I	1
Database Software Applications	1
Spreadsheet Software Applications	1
Business Law	1
Career Practicum (pathway related)	1

MANAGEMENT INTERNATIONAL BUSINESS — PTB401

CAREER EDUCATION

Grade Level: 9, 10, 11, 12

Semester - .5 credit or Year - 1.0 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.

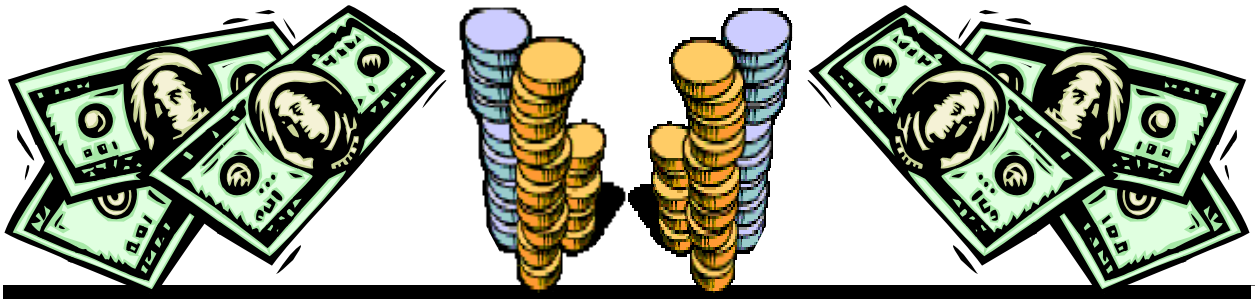
MARKETING & ENTREPRENEURSHIP — PTB501

CAREER EDUCATION

Grade Level: 11, 12
Preparation: Business Management

Semester - .5 credit or Year - 1.0 credit

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.

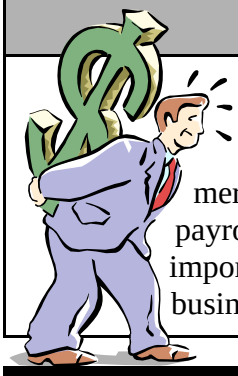


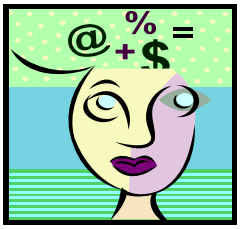
ACCOUNTING, I & II — PTB402/502

CAREER EDUCATION

Grade Level: 10, 11, 12

Semester - .5 credit or Year - 1.0 credit





These courses introduce students to accepted accounting principles and the complete basic accounting cycle which include financial statements for both service and merchandising businesses. Additional topics covered are payroll, notes, depreciation, forms of ownership, and the importance of ethics. Students will use textbooks, workbooks, business simulations on the computer, and spreadsheet/accounting software.

BUSINESS LAW — PTB503

CAREER EDUCATION

Grade Level: 11, 12

Semester - .5 credit or Year - 1.0 credit

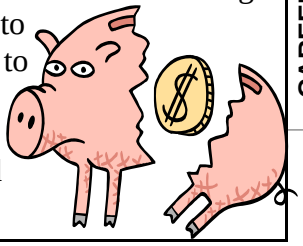
This course is designed to provide the student with a survey of the American legal system by developing an understanding of law as applied to society and to the individual. Topics include the judicial system, contracts, warranties, guarantees, consumer protection, real property, landlord and tenant relationships,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

BUSINESS & PERSONAL FINANCES — PTB301

CAREER EDUCATION

Grade Level: 9, 10, 11, 12

Semester - .5 credit or Year - 1.0 credit

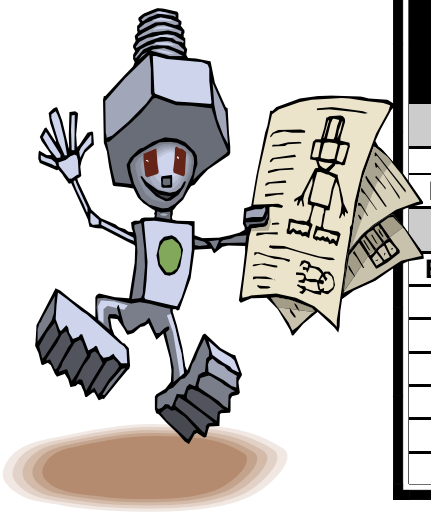


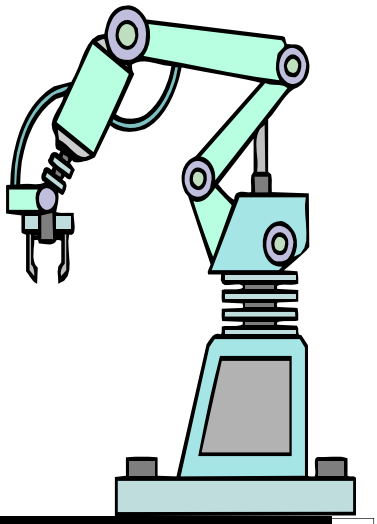
This course is designed to make students aware of the financial challenges confronting them in daily living. Topics include how to make intelligent decisions in spending and saving; how to maintain good financial records; how to avoid financial disasters that result from the unwise use of credit and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

Manufacturing

PATHWAY

MANUFACTURING PRODUCTION PROCESS DEVELOPMENT





REQUIRED COURSES

Course Name	Cr
Engineering Design and Technology I	1

RECOMMENDED COURSES

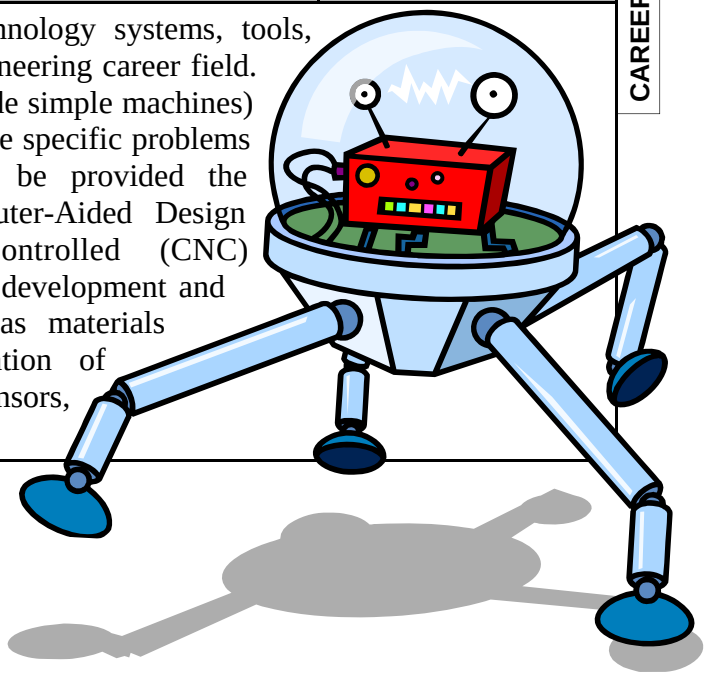
Engineering Design and Technology II	1
Engineering Drawing/CAD	1
Green Technology Engineering	1
Principles of Engineering	.5
Math Analysis	1
Physics	1
Career Practicum (pathway related)	1

★ ENGINEERING DESIGN & TECHNOLOGY I — PTE501
★ ENGINEERING DESIGN & TECHNOLOGY II — PTE601

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

CAREER EDUCATION

These courses introduce students to the technology systems, tools, materials, and processes of industry in the engineering career field. The application of physical principals (to include simple machines) in the development of robotics designed to solve specific problems is implicit to this program. Students will be provided the knowledge and experience to apply Computer-Aided Design (CAD), Computer and Numerically Controlled (CNC) programming and manufacturing, skills in the development and construction of prototype models, as well as materials selection. Topics also include the application of electronics, hydraulics, pneumatics, robotics, sensors, and mechanical systems.



GREEN TECHNOLOGY ENGINEERING — CTE504

CAREER EDUCATION | SCIENCE

Grade Level: 10, 11, 12
Preparation: Engineering course(s)

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 tasks independently and in small groups. Lessons are delivered in an atmosphere of differentiated learning using hands-on activities. 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 immolate the industry of our future energy systems.

Science, Technology, Engineering & Mathematics

PATHWAY

ENGINEERING & TECHNOLOGY

REQUIRED COURSES

Course Name	Cr
Engineering Drawing/CAD	1

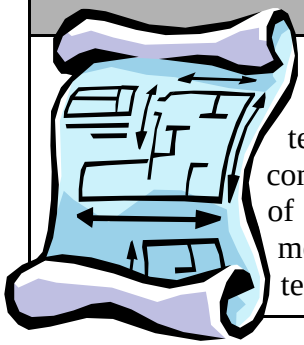
RECOMMENDED COURSES

Engineering Design and Technology I	1
Engineering Design and Technology II	1
Green Technology Engineering	1
Principles of Engineering	.5
Java Programming I & II or Visual Basic Programming I & II	.5/1
Math Analysis	1
Physics	1
Career Practicum (pathway related)	1

ENGINEERING DRAWING/CAD — PTE303

Grade Level: 9, 10, 11, 12 | **Semester - .5 credit or Year - 1.0 credit**

COMPUTER EDUCATION
CAREER EDUCATION

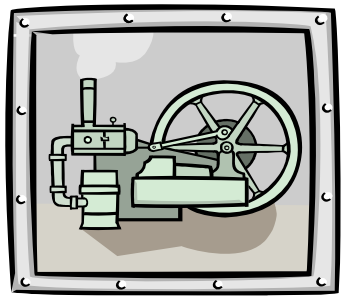


This Computer-Aided Design (CAD) course is strongly recommended for students aspiring to become engineers, architects, and engineer technicians. It is designed to provide beginning students with instruction in computer graphic skills and design fundamentals. Students will learn the use of a CAD system for two-dimensional drawing and three-dimensional modeling. Using the Internet, students will explore the wide range of CAD technologies and applications.

PRINCIPLES OF ENGINEERING — PTE301

Grade Level: 9, 10, 11, 12 | **Semester - .5 credit**

CAREER EDUCATION



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.

Hospitality & Tourism

PATHWAY

RESTAURANT, FOOD, & BEVERAGE SERVICES

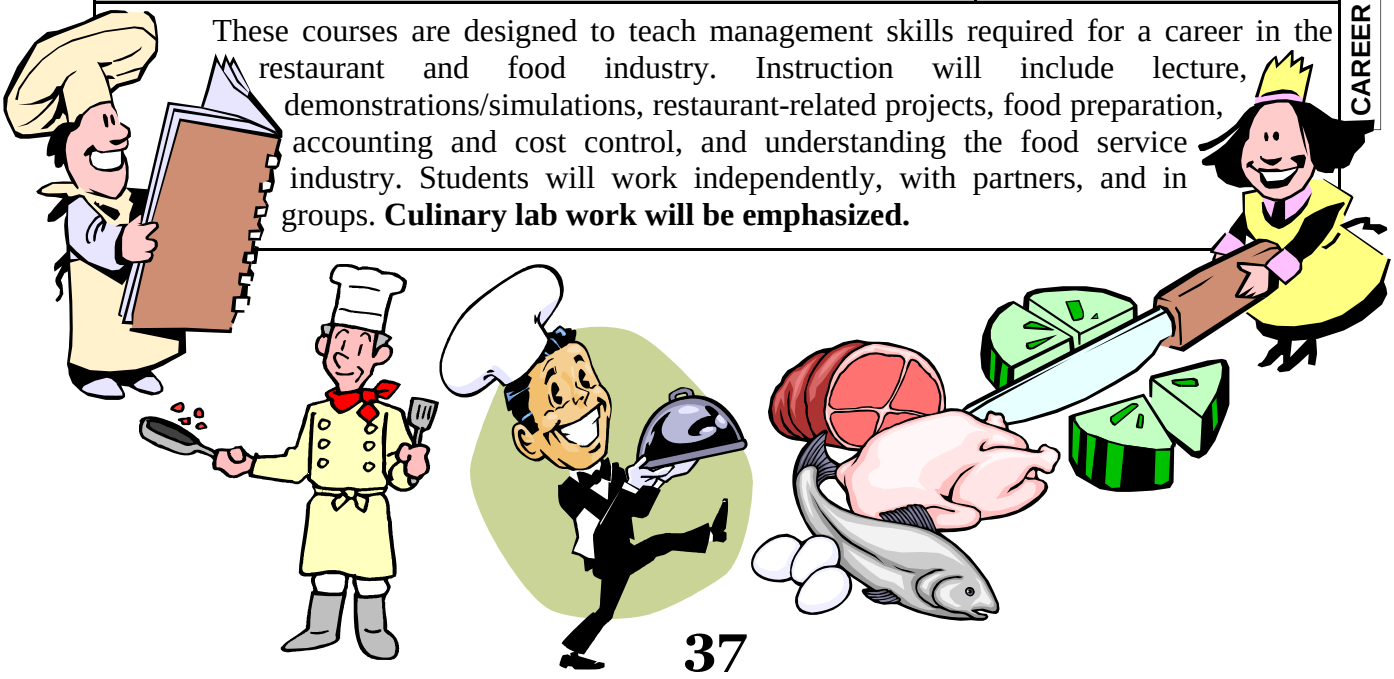
REQUIRED COURSES	
Course Name	Cr
Culinary Arts I	2
Culinary Arts II	2
RECOMMENDED COURSES	
Management International Business	1
Marketing & Entrepreneurship	1
Career Practicum (pathway related)	1
RELATED COURSES	
Accounting I	1
Business Law	1
Psychology	.5
Sociology	.5

★ CULINARY ARTS I — PTF401
★ CULINARY ARTS II — PTF402

Grade Level: 10, 11, 12 | **Year - 2.0 credits**

CAREER EDUCATION

These courses are designed to teach management skills required for a career in the restaurant and food industry. Instruction will include lecture, demonstrations/simulations, restaurant-related projects, food preparation, accounting and cost control, and understanding the food service industry. Students will work independently, with partners, and in groups. **Culinary lab work will be emphasized.**



Government & Public Administration

PATHWAY

NATIONAL SECURITY (JROTC)

REQUIRED COURSES

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

RECOMMENDED COURSES

Army JROTC II or III	1
Army JROTC IV	1
Psychology	.5
Sociology	.5
Street Law	.5
Career Practicum (pathway related)	1

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

- **Respect for authority.**
- **Patriotism.**
- **A high degree of personal honor, self-reliance, self-discipline, and leadership.**
- **Pride, self respect, confidence, and the desire to do one's best.**
- **Better information on matters of national security.**
- **An understanding of the US Army's role in the national defense.**

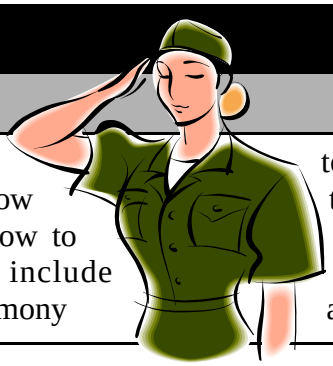
All students will have the option of joining various extracurricular activities including color guard, honor guard, armed and unarmed drill teams, and rifle team.

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

CAREER EDUCATION

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



The first-year student is introduced to the Army JROTC Program and learns the following: the basics of how to wear the uniform and perform basic drill, respect for authority, how to follow orders, and accountability. First-year academic topics include leadership, introduction to Army organization, military history, ceremony and drill, navigation, and first aid.

ARMY JROTC II — VER401

CAREER EDUCATION

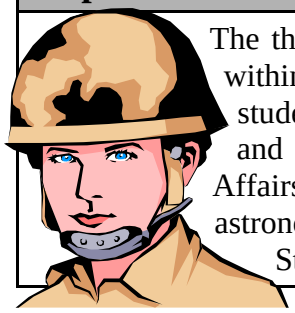
Grade Level: 10, 11, 12 — **Year - 1.0 credit**
Preparation: Army JROTC I

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, advanced navigation and rules of the road, and basic training.

ARMY JROTC III — VER501

CAREER EDUCATION

Grade Level: 11, 12 — **Year - 1.0 credit**
Preparation: Army JROTC II

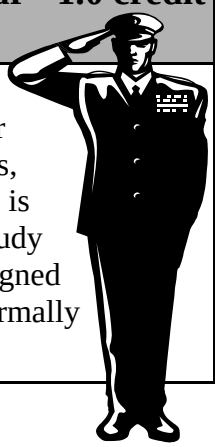


The third-year student will be tasked with taking a more senior leadership role within the unit, providing oversight and training to the more junior students. Positions within the unit that they might fill include platoon leaders and staff positions, such as Supply Officer, Administration Officer, Public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

ARMY JROTC IV — VER601

CAREER EDUCATION

Grade Level: 12 — **Year - 1.0 credit**
Preparation: Army JROTC III



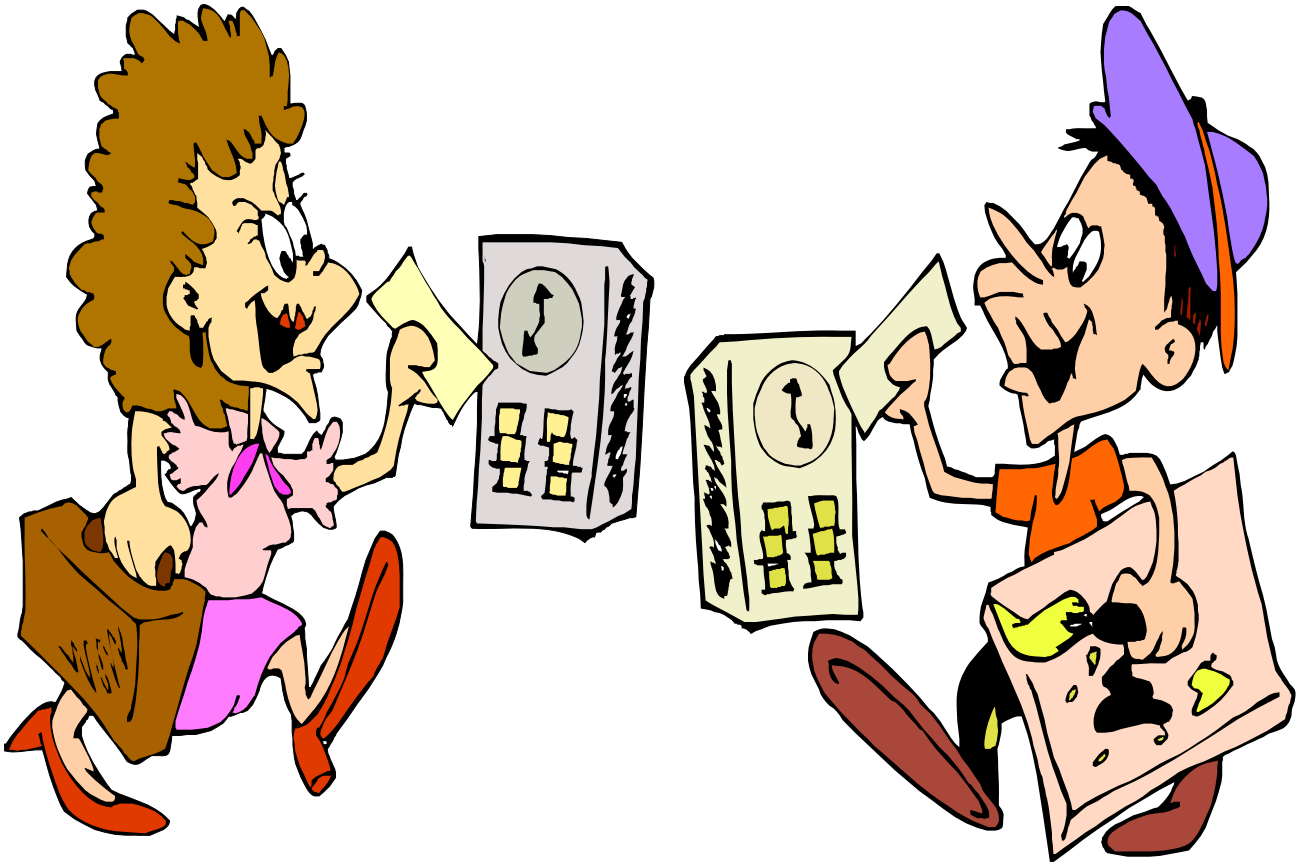
Fourth-year students will be tasked with providing senior leadership within the unit. They will be responsible for the overall structure of the unit and for planning and organizing for various events including drill and rifle competitions, fund raisers, and the yearly Area Manager's Inspection at which the unit is evaluated by senior active duty officers. 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 and Executive Officer normally will be fourth-year students.

OTHER ELECTIVES

CAREER PRACTICUM	PTW501+
Grade Level: 11, 12	**Semester - .5 credit or Year - 1.0 credit**

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, and occupational adjustment.

CAREER EDUCATION



ART EDUCATION

1 CREDIT
☆ GRADUATION REQUIREMENT ☆

FUNDAMENTALS of ART — ARA301

Grade Level: 9, 10, 11, 12

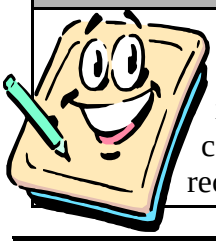
Semester - .5 credit
or Year - 1.0 credit

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.

DRAWING — ARW401

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

Semester - .5 credit
or Year - 1.0 credit



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.

CERAMICS — ARE401

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

Semester - .5 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.

STUDIO ART — ARS401

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

Semester - .5 credit
◘ Repeatable Course

This **advanced art course** is for students who would like to develop skill in several art media. Students can choose 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.

★ BEGINNING ★ INTERMEDIATE ★ ADVANCED BAND

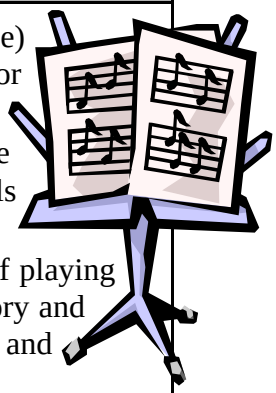
MUI301
MUI302
MUI303
◘ Repeatable Course

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

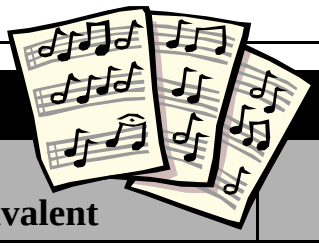
Beginning Band (for the student with no instrumental experience) concentrates on basic music reading and playing skills for woodwind, brass, and percussion instruments.

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.

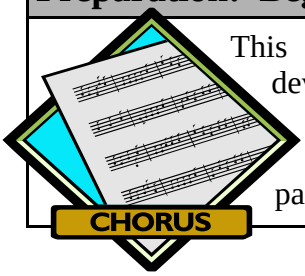


ADVANCED CHORUS — MUV302



Grade Level: 9, 10, 11, 12
Preparation: Beginning Chorus or equivalent

Year - 1.0 credit
◘ Repeatable Course

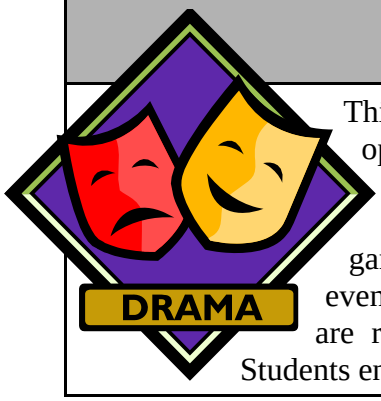


This class is designed to provide students with continuing development of sight-reading ability and advanced vocal music learning experiences, including a wide variety of choral literature, secular and non-secular music, and participating in public performances.

DRAMA-THEATER — DRA301

Grade Level: 9, 10, 11, 12

Semester - .5 credit
or Year - 1.0 credit
◘ Repeatable Course



This course is 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 this course 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 are meant to be taken 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**

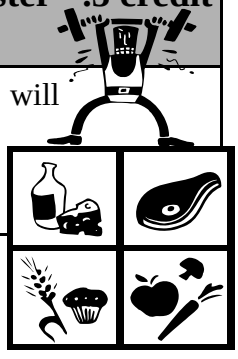
This course focuses on learning and improving specialized skills, strategies, and rules for selected team and individual sports. Students will appropriately associate skills learned in Personal Fitness to contribute to lifelong fitness and wellness for selected sports.

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: 9, 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.

CONDITIONING PEG402

Grade Level: 10, 11, 12
Preparation: Must have completed all required PE courses

Semester - .5 credit

ELECTIVE

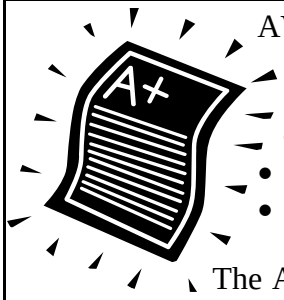
This course enables students to continue improving skill fitness associated with team or individual sports. The course provides advanced understanding and application of more complex skills for participation in sports and physical activity. Assessment strategies allow students to monitor and develop their skill fitness. Activities include weight lifting, tabata, circuit training, yoga, and cardio workouts.

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 to ensure that 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, library research, test-taking skills, and study skills. ***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.***	**Semester - .5 credit** **or Year - 1.0 credit** **◘ Repeatable Course**

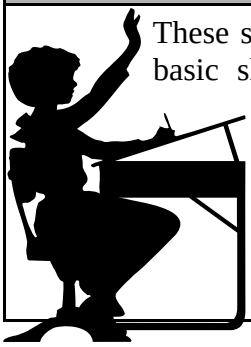
This is a practical course designed to produce the official yearbook for the school. All phases of yearbook production, including digital photography, copy writing, page layout, and book and advertisement sales are included. The concept of accurate photojournalism is balanced with the need to present 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.*

LEARNING STRATEGIES — AAC331

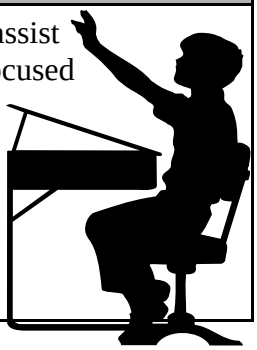
Individual Education Plan required

Grade Level: 9, 10, 11, 12

Semester - .5 credit
or 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:

- **Java Programming, I-II**
- **Gaming Technology**
- **Marine Biology**
- **Earth/Space Science**
- **Humanities**
- **Art Appreciation**
- **Music Appreciation**
- **Business & Personal Finances**
- **Sociology**
- **Japanese I & II**
- **Chinese I & II**
- **AP Calculus BC**
- **AP Physics B**
- **AP Environmental Science**
- **AP Government & Politics**
- **AP World History**
- **AP Macroeconomics**
- **AP Microeconomics**
- **AP Spanish Language**
- **AP German Language**
- **AP French Language**
- **AP Computer Science**