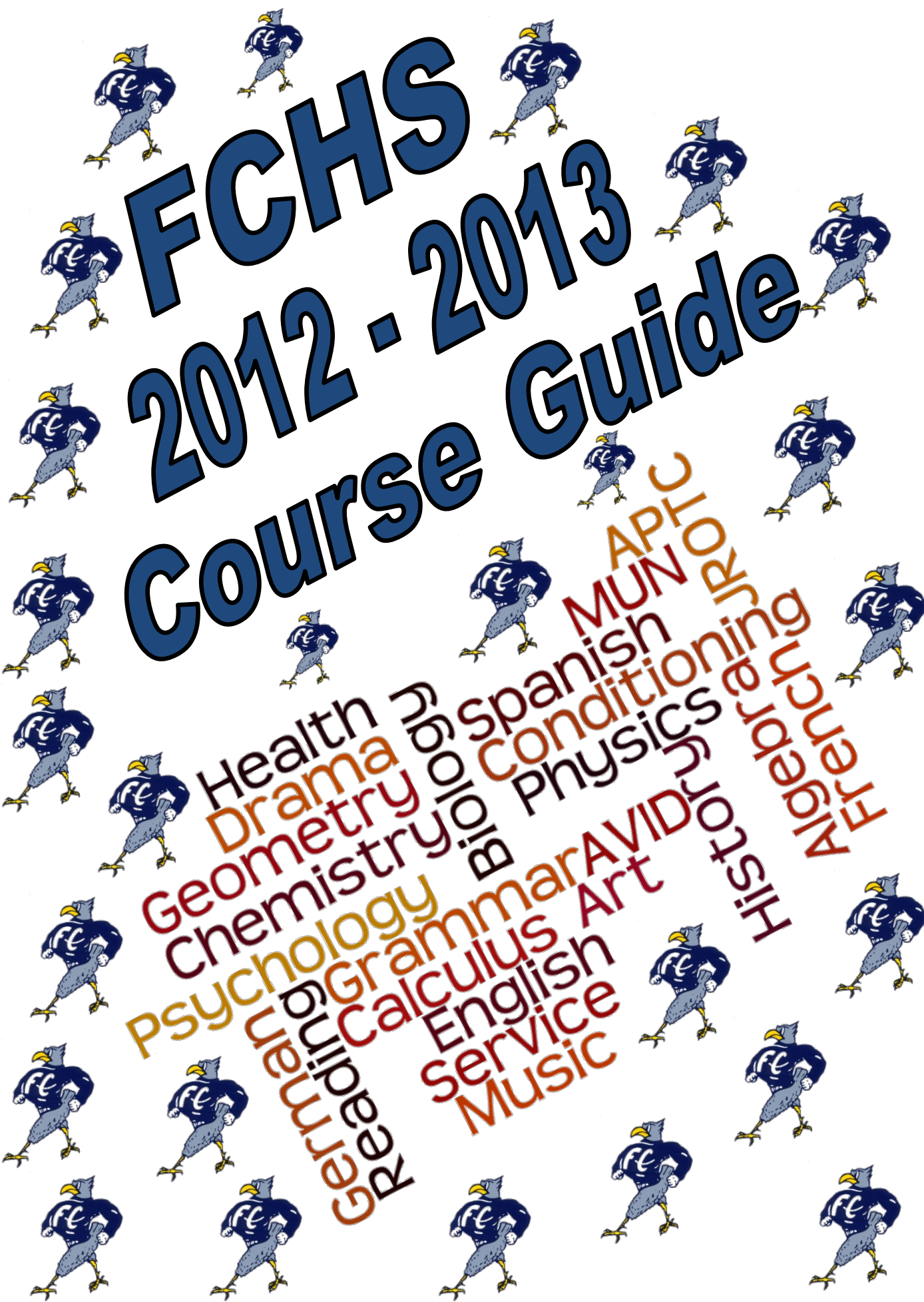


FCHS 2012 - 2013 Course Guide



Health
Drama
Geometry
Psychology
Grammar
Spanish
Biology
Calculus
English
Service
Music
APC
MUNRO
Conditioning
Physics
AVID
Art
History
JROTC
Foreign
Language

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FORT CAMPBELL HIGH SCHOOL COURSE GUIDE

This course guide is to provide a comprehensive overview of the classes in which students may enroll during their tenure at FCHS. We believe the classes offered will more than prepare the student for whatever their future may hold.

Parents are a vital part of the registration procedure and we encourage you to take an active role in your student's class selection process. Guidance counselors and teachers are available to assist.

DODEA COURSE CATALOG

The FCHS Course Guide provides a description of the courses in which students may enroll at FCHS. Counselors and teachers are available to assist. We urge parents to take an active role in the student's course selection process. For more information about each class, including instructional activities, evaluation techniques, and essential objectives, visit <http://www.dodea.edu/curriculum/>

Credit Classification Requirements

Students are classified into a particular grade level based on the following number of credits:

Freshman	– 8th grade report card/promotion
Sophomore	– 6 credits
Junior	– 12 credits
Senior	– 19 credits Graduate – 26 credits

Grading System and Quality Points

The following quality points values are used in calculating the GPA for courses completed in DODEA.

LETTER GRADE	NUMERIC AVERAGE	QUALITY POINTS	
		REGULAR/HONORS COURSES	WEIGHTED AP COURSES
A	90-100	4	5
B	80-89	3	4
C	70-79	2	3
D	60-69	1	2
F	59 and below	0	0

Explanations:

1. Courses that begin with *AP* are Advanced Placement courses. Students must take the AP exam to earn a weighted grade. The AP exam is given at no cost to the student.
2. Repeatable courses are noted throughout the course guide. Subsequent enrollment requires more rigor.
3. Ranking System - Final class rank is computed beginning with grade nine through the second semester of the twelfth grade (8 semesters). All students are included in the ranking. The grade point average used to determine rank in class is determined by dividing the number of quality points earned by the number of units of credit attempted. Rank is based on cumulative grades. Several students may have the same rank.
 - a. Class ranking for graduation will be determined following the second semester of the senior year for students enrolled at the end of the fourth quarter. All letter grades for eight semesters in grades 9 – 12 will be averaged to determine class rankings for graduation honors.
 - b. The determination of grade point average for class Valedictorian will be based on student grades attained at the end of the second semester of the graduating year. Students who are graduating early, i.e., after completing 6 semesters of high school, are eligible to compete for this honor. However, students must have been enrolled in a DoDEA school during the first semester of the graduating year to be eligible.

DoDEA Graduation Requirements

ATTENTION - Students must have a minimum cumulative grade point average(GPA) of 2.0 to graduate from a DoDEA high school.

Required Courses	Units
Language Arts 9, 10, 11, 12 (2 full school years of ESL may be substituted for 2 full years (two credits of English))	4
Social Studies (1 credit of U.S. History, 1 credit of World History 9 or World History 10 and 1/2 credit in U.S. Government required)	3
Mathematics (1 credit each of Algebra and Geometry are required. The third math credit must have a course code of 400 or above excluding lab classes) Beginning with the Graduating Class of 2016, 4 Math credits will be required, 3 of which must be Algebra I, Geometry and Algebra II.	3 4 for the Class of 2016
Science (Biology is required and either a chemistry or physics credit is required. Physics Applications in the Community and Chemistry Applications meet the credit requirements for graduation)	3
Foreign Language (2 credits in the same foreign language are required)	2
Career Technical Education (1/2 credit must be in a computer technology)	2
Physical Education (PEF 301-Personal Fitness, PEL 301-Lifetime Sports and PEN 301-Physical Activity and Nutrition are required)	1.5
Fine Arts (Courses used to meet this credit must relate to: visual arts, music, theater, dance, and/or humanities)	1
Health Education	.5
Electives	6 (5 for class of 2016)
TOTAL CREDITS	26

Pre-College Curriculum (P.C.C.) - Class requirements for admission to state colleges and universities:

	Kentucky	Tennessee
English	Language Arts 9, 10, 11, 12 or AP Language Arts (4 credits)	Same as Kentucky
Math	Algebra I, II, and Geometry (3 credits)	Algebra I, II, and Geometry (3 credits)
Science	Biology I and either Chemistry I or Physics I (2 credits)	Either Biology I, Chemistry I, Physics I or Human Anatomy/Physiology (2 credits)
Social Studies	World Civilization and either U.S. History or AP U.S. History (2 credits)	U.S. History and World History (2 credits)
Foreign Language	2 credits in the same language	2 credits in the same language
Visual/Performing Arts	Music, Art, or Drama (1 credit)	Music, Art, or Drama (1 credit)
Health/PE	½ Health, ½ P.E.	
Electives	7 required (5 rigorous)	

Note: Other states may have additional or different college requirements.

CAREER & TECHICAL EDUCATION (CTE)

Career & Technical Education (CTE) courses are organized into pathways. Pathways are designed to give students insight into specific careers. The pathways will help prepare students for success in technical training, in college, or in the work force.

The career pathways are listed at <http://www.dodea.edu/instruction/curriculum/tech> under the DoDEA Career Clusters and Pathways link. To receive this special endorsement, you must complete all the required courses plus enough of the recommended courses to equal 4 Carnegie units. (1 Carnegie unit = 1 credit). **Note:** The number of credits for each class is indicated in parentheses.

NOTE: Graduation computer (GC), graduation vocational(GV) and graduation science(GS) is indicated after each course name. Students must have 2 CTE credits to graduate which must include ½ credit of a course coded (GC).

Administration & Information Support Pathway	
Required Courses	
☼Word Processing Apps (.5)	☼Presentation Apps (.5)
☼Spreadsheet Apps (.5)	
Recommended Courses	
☼ Database Apps (1)	☼Spreadsheet Apps (.5) continuation
☼ Imaging Software Apps (.5-1)	☼ Publications Software Apps (.5-1)
Management International Business (.5-1)	Accounting I (1)
Website Dev & Mgmt (.5-1)	Career Practicum (1)

POSSIBLE CAREER CHOICES: ARTIST/ATHLETE AGENT, PUBLIC RELATIONS MANAGER, RECORD CLERK

Audio & Video Technology & Film Pathway	
Required Courses	
Video Communications I (1)	Video Communications II (1)
Recommended Courses	
Technology Leadership Community (1)	Video Communications III (1)
Interactive Multimedia (.5-1)	Career Practicum (1)

POSSIBLE CAREER CHOICES: FILM & VIDEO EDITOR, PRODUCER & DIRECTOR, ACTOR, FASHION DESIGNER

Business Financial Management & Accounting Pathway	
Required Courses	
Accounting I (1)	Accounting II (1)
Recommended Courses	
Management International Business (.5-1)	Business Law (1)
☼ Word Processing Apps (.5)	☼ Presentation Apps (.5)
☼ Database Apps (1)	☼ Spreadsheet Apps (.5-1)
Career Practicum (1)	

POSSIBLE CAREER CHOICES: BROKERAGE CLERK, ADVERTISING & MANAGEMENT ANALYST

Design/Pre-Construction Pathway	
Required Courses	
Architectural Drawing (1)	Applied Architecture Design/CAD (1)
Recommended Courses	
Computer Animation (1)	Engineering Design/Development (1)
Physics (1)	Math Analysis (1)
Career Practicum (1)	

POSSIBLE CAREER CHOICES: HVAC MECHANIC, ARCHITECT, ELEVATOR INSTALLER & REPAIRER

Engineering & Technology Pathway	
Required Courses	
Engineering Drawing/CAD (1)	
Recommended Courses	
Digital Electronics I (.5)	Digital Electronics (.5)
Engineering Design/Development (1)	
Applied Architectural Design/CAD (1)	Robotics
Computer Animation (1)	Java I & II (.5-1) or Visual Basic Programming I & II (.5-1)
AP Computer Science A or AB (.5-1)	Advanced Computer Studies (.5)
Home Networking (.5-2)	Math Analysis (1)
Physics (1)	Career Practicum (1)

POSSIBLE CAREER CHOICES: ASTRONOMER, PHYSICIST, ENVIRONMENTAL OR PETROLEUM ENGINEER, ACTUARY

Information Support & Services Pathway	
Required Courses	
☼Computer Service & Support (1)	Digital Electronics or Java I or Visual Basic Programming (.5)
Recommended Courses	
Digital Electronics I (.5)	Digital Electronics II (.5)
☼ Word Processing Apps (.5)	Visual Basic Programming I or Java I (.5)
☼Database Apps (1)	☼ Presentation Apps (.5)
Website Dev & Mgmt (.5-1)	☼Spreadsheet Apps (.5-1)
Home Networking I (1)	AP Computer Sci. A/AB (1)
Career Practicum (1)	

POSSIBLE CAREER CHOICES: COMPUTER SUPPORT SPECIALIST, NETWORK ADMINISTRATOR

Interactive Media Pathway	
Required Courses	
Interactive Media (.5-1)	Website Dev & Mgmt (.5)
☼ Publications Software Apps (1)	
Recommended Courses	
Computer Animation (1)	Journalism I (1)
Video Communications I (1)	Marketing & Entrepreneurship (1)
Website Dev & Mgmt –cont. (.5)	Yearbook Production (1)
Fundamentals of Art (1)	☼ Imaging Software Apps(.5-1)
Career Practicum (1)	

POSSIBLE CAREER CHOICES: OPERATIONS RESEARCH ANALYST, SYSTEMS ANALYST

Fort Campbell High School

Journalism & Broadcasting Pathway	
Required Courses	
Speech or Journalism I (1)	Video Communications I (1)
Recommended Courses	
Video Communications II (1)	Video Communications III (1)
Drama-Theater (1)	Speech (1)
Journalism I (1)	☼ Word Processing Apps (.5)
Career Practicum (1)	

POSSIBLE CAREER CHOICES: NEWSCASTER, TECHNICAL WRITER, WRITER & AUTHOR, EDITOR

Management Pathway	
Required Courses	
Management International Business (.5-1)	Marketing & Entrepreneurship (.5)
Recommended Courses	
Marketing & Entrepreneurship-continuation (.5)	Accounting I (1)
☼ Database Apps (1)	☼ Spreadsheet Apps (.5-1)
☼ Publications Software Apps (.5-1)	Business Law (1)
Career Practicum (1)	

POSSIBLE CAREER CHOICES: SALES MANAGER, ENGINEERING MANAGER, GENERAL MANAGER

Manufacturing Production Process Development Pathway	
Required Courses	
Robotics	
Recommended Courses	
Robotics	Engineering Drawing/CAD (1)
Engineering Design/Development (1)	Principles of Engineering (.5)
Computer Animation (1)	Math Analysis (1)
Physics (1)	Digital Electronics I (.5)
Digital Electronics II (.5)	Career Practicum (1)

POSSIBLE CAREER CHOICES: MACHINIST, CARPENTER, MODEL MAKER (METAL & PLASTIC)

National Security (JROTC) Pathway	
Required Courses	
Air Force or Marine or Army or Navy JROTC I (1)	
Air Force or Marine or Army or Navy JROTC II (1) <i>or</i>	
Recommended Courses	
Air Force or Marine or Army or Navy JROTC II (1)	
Air Force or Marine or Army or Navy JROTC III (1) <i>or</i>	
Air Force or Marine or Army or Navy JROTC III (1)	
Air Force or Marine or Army or Navy JROTC IV (1)	
Psychology (.5)	Sociology (.5)
Speech (1)	Street Law (.5)
Career Practicum (1)	

POSSIBLE CAREER CHOICES (NATIONAL SECURITY): POLICE OFFICER, JAILER, JUDGE, FISH & GAME WARDEN, CURATOR

Programming/Software Engineering Pathway*	
Required Courses	
One full year of one of the following programming languages and one semester of another language:	
Java I & II or Visual Basic I & II or AP Computer Science A or AP Computer Science AB (1)	
Java I or II or Visual Basic Programming I or II (.5)	
Recommended Courses	
Java I (.5)	Java II (.5)
Visual Basic I (.5)	Visual Basic (.5)
AP Computer Science A (1)	AP Computer Science AB (1)
Website Dev & Mgmt (.5-1)	Algebra II (1)
Career Practicum (1)	

POSSIBLE CAREER CHOICES: SOFTWARE SYSTEMS ENGINEER, PROGRAMMER, COMPUTER SPECIALIST

*Programming languages will be taught through Distance Learning—see your counselor for more information.

☼ *Indicates Certification Courses*

ARMY JROTC (Army Junior ROTC Leadership Training Program)**ARMY JROTC I****Grades: 9-12****1 credit****COURSE NUMBER: VER301****FULL YEAR**

Major Concepts/Content: The Army JROTC I course is designed to present the history, purpose, and objectives of the JROTC and SROTC programs; teaching communication and leadership skills; teaching citizenship; the wearing of the uniform; drill and ceremony; respect for the flag and National Anthem; and organizational principles.

ARMY JROTC II**Grades: 10-12****1 credit****COURSE NUMBER: VER401****FULL YEAR****PREPARATION:** Army JROTC I

Major Concepts/Content: The Army JROTC II course is designed to present discussion of self-concept; the definition of management: the elements of the leadership process; practical exercise in the development of leadership skills; the role of cadets as leaders; teaching citizenship; the wearing of the uniform; drill and ceremony; and the value of physical exercise and conditioning.

ARMY JROTC III**Grades: 11-12****1 credit****COURSE NUMBER: VER501****FULL YEAR****PREPARATION:** Army JROTC II

Major Concepts/Content: The Army JROTC III course is designed to present discussion of military leadership and managerial techniques, the aspect of mutual respect (leader/subordinate relationship), the duties of a leader/manager the building of teamwork and team spirit, the flow of communication, the management to operating level and back, teaching citizenship; the wearing of the uniform; drill and ceremony; the problem-solving process, staff supervision of assigned tasks, and staff functions and procedures.

ARMY JROTC IV**Grade 12****1 credit****COURSE NUMBER: VER601****FULL YEAR****PREPARATION:** Army JROTC III

Major Concepts/Content: The Army JROTC IV course is designed to present the psychology of leadership; review of LD-3 instruction; the moral aspects of leadership; group relations and behavior; indicators of leadership, communications, and management of resources; the problem-solving process; teaching citizenship; and practical exercises in problem solving and management.

ACCOUNTING I**Grades: 10-12****1 credit****COURSE NUMBER: PTB402****FULL YEAR**

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

ACCOUNTING II**Grades: 11-12****1 credit****COURSE NUMBER: PTB502****FULL YEAR****PREPARATION:** Accounting I

Major Concepts/Content: Accounting II continues accounting principles and procedures, adding new topics about managerial accounting, cost accounting, financial analysis, and business ethics. Content areas include property, plant and equipment, corporate investments, bonds, notes payable and receivables, amortizations, cash flow statements, and ratio analysis for the corporate structure. Notes and depreciation will be studied in greater depth.

APPLIED ARCHITECTURAL DESIGN/CAD**Grades: 11-12****1 credit****COURSE NUMBER: PTE405****FULL YEAR****PREPARATION:** Principles of Engineering or Architectural Drawing

Major Concepts/Content: The Applied Architectural Drawing course is designed around a capstone project. Emphasis is placed on applying life and educational experiences to architectural design. The team approach to

Fort Campbell High School

problem solving is emphasized. The content includes, but is not limited to, determining purposes, uses, and aesthetics of structures, the analysis of various architectural designs, apply principles of environmental and energy efficient design, and use current construction materials and practices. Students will prepare and present multimedia presentations using a variety of software and technologies. This is a design project meeting the needs of clients. This course is an opportunity for students to utilize all the skills acquired through the architecture courses. This course is recommended for aspiring architects, designers, engineers, CAD technicians, and interior decorators.

ARCHITECTURAL DRAWING

Grades: 9-12

1 credit

COURSE NUMBER: PTE305

FULL YEAR

PREPARATION: Principles of Engineering

Major Concepts/Content: The architectural drawing course is designed to provide students with instruction and skills in computer aided drawing (CAD) fundamentals commonly used in the production of residential and commercial buildings. The course includes the study of the basic fundamentals of design, including 'green' construction practices that include construction material disposal, and the skills related to the production of architectural designs. The content includes, but is not limited to, designing interior and exterior elements of structures in both two-dimensional and three-dimensional representations. Students will prepare presentations of designs created using CAD technology. It is recommended that aspiring architects, designers, engineers, CAD technicians, interior decorators take this course.

BUSINESS AND PERSONAL FINANCE

Grades: 9-12

½ credit

COURSE NUMBER: PTB301

1 SEMESTER

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

BUSINESS LAW (GV)

Grades: 11-12

1 credit

COURSE NUMBER: PTB503

Full Year

Major Concepts/Content: Business Law provides the student with a survey of the American legal system. Students will be obtain basic knowledge needed to become a better informed citizen, employee, and consumer This course develops an understanding of law as applied to society and to the individual. Topics include contracts, sales agreements, torts, constitutional law, criminal law, and family law.

CAREER PRACTICUM – 2 Hr

Grades: 11-12

2 credits

COURSE NUMBER: PTW502

FULL YEAR

Major Concepts/Content: Career Practicum is designed to provide school-to-career experiences and training through a work practicum related to their career goal. Important aspects are to provide students an opportunity to acquire an understanding of actual employment settings utilizing their skills and aptitudes, apply problem solving skills in the work environment, develop communication techniques, utilize electronic information systems to search for career information, explore information resources, acquire learning and self-management tools, develop intrapersonal and interpersonal competencies. In addition, the exploration of different occupations will aid the students in making important career decisions. Career Practicum extends student educational opportunities beyond the curricular, physical, and financial resources of the school.

COMPUTER ANIMATION

Grades: 9-12

1 credit

COURSE NUMBER: PTI409

FULL YEAR

Major Concepts/Content: The Computer Animation course is designed to provide students with the instruction and skills to create digital illustrations, modeling and animation, character animation, digital motion imagery, and game design. The content includes, but is not limited to, 3D modeling, materials and textures, rendering, and computer animation. Students will also create, record, and edit digital audio, video, and photographic imagery.

This course will utilize software programs to develop animation, morphing, 3-D graphics, and virtual reality projects. It is recommended that aspiring graphic designers, computer animators, electronic game designers, engineers, CAD technicians, architects, interior decorators take this course.

COMPUTER SERVICE & SUPPORT**Grades: 9-12****1 credit****COURSE NUMBER: PTI309****FULL YEAR**

Major Concepts/Content: This program is intended to prepare students for computer support careers. Students enrolled in this course will gain practical experience in assembling a computer system, installing an operating system, troubleshooting computers and peripherals, and using system tools and diagnostic software. They will develop skills in computer networking and resource sharing. Students explore wireless technologies (e.g., Bluetooth, Wi-Fi) and create and configure a network. In addition, students will explore the relationships between internal and external computer components. Customer service skills and career plans will be developed. Upon successful completion of the course, students may qualify to take the A+ certification exam.

**May take the A+ Certification exam upon successful completion of this course at no cost to the student.*

DIGITAL IMAGING**Grades 9-12****½ credit****COURSE NUMBER: PTI307****1 SEMESTER**

Major Concepts/Content: Imaging Software Applications provides students with the opportunity to develop professional level skills in imaging software. The focus of this course will be the use of Adobe Photoshop to produce a variety of projects. InDesign, Acrobat Pro, Illustrator and Bridge will be introduced for integration purposes.

*Note: This is the same course as **Imaging Software Applications**. If you have taken **Imaging Software Applications**, you cannot take this course; only the course name changed.*

DIGITAL MEDIA**Grades 9-12****½ credit****COURSE NUMBER: PTI405****1 SEMESTER**

Major Concepts/Content: Digital Media Creation (DMC) provides students with the opportunity to develop professional-level skills in multimedia using Adobe Flash. This product-oriented course introduces the student to interactive multimedia presentations. Hands-on activities are used as students develop skills, master techniques, and prepare products for a client-based environment. Students learn to create professional digital media creations using animation, sound, and videos. The course also introduces students to document construction for publishing on the World Wide Web using authoring software. Units of instruction include design and layout, font selection, image editing, and digital cameras and images. Internet research and copyright laws are emphasized. The focus of this course will be the use of Adobe Flash to produce a variety of projects. Dreamweaver, Photoshop, Acrobat Pro, Bridge, Fireworks, Soundbooth, Illustrator, Premier Pro/Elements, Device Central and Version Cue will be introduced for integration purposes. Adobe Captivate may also be introduced.

*Note: This is the same course as **Interactive Multimedia**. If you have taken **Interactive Multimedia**, you cannot take this course; only the course name changed.*

DIGITAL PUBLISHING**Grades: 9-12****½ credit****COURSE NUMBER: PTI308****1 SEMESTER**

Major Concepts/Content: Publication Software Applications is a course designed for students with an interest in desktop publishing. This course will provide training in the software for personal use and employment. Students completing this course may be eligible to take an Adobe certification exam. The focus of this course will be use of Adobe InDesign to produce a variety of projects. Photoshop, Acrobat, Bridge and Version Cue will be introduced for integration purposes. **May take the Adobe InDesign Certification exam upon successful completion of this course at no cost to the student.*

*Note: This is the same course as **Publishing Software Applications**. If you have taken **Publishing Software Applications**, you cannot take this course; only the course name changed.*

GREEN TECHNOLOGY ENGINEERING

Grades: 9-12

1 credit

COURSE NUMBER: CTE504

FULL YEAR

Major Concepts/Content: Green Technology Engineering teaches students the engineering and design processes in alternative and renewable energy systems. The project-based learning model will require students to integrate science, technology, engineering and mathematics (STEM). Students will perform tasks independently and in small groups. Lessons are delivered using hands-on activities which will be 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 immitate the industry of future energy systems to include the study of transportation fuels and energy systems which will substantially reduce life-cycle greenhouse gas emissions.

Note: *This course can be taken as either a Career & Technical Education credit or a Science credit. Biology and either chemistry or physics must be taken to meet the Science graduation requirements. This course can only be taken once.*

MANAGEMENT & INTERNATIONAL BUSINESS

Grades 9-12

½ credit

COURSE NUMBER: PTB401

1 SEMESTER

Major Concepts/Content: Management International Business introduces students to the basic concepts of world trade, the different world markets, and the methods used to import and export goods. Students are taught to think in terms of the different legal, cultural, economic, and political environments. The course will include workplace skills such as time management, money management, human resources management, listening skills, speaking skills, and accessing/evaluating electronic resources.

MARKETING/ENTREPRENEURSHIP

Grades 11-12

½ credit

COURSE NUMBER: PTB501

1 SEMESTER

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

PRESENTATION SOFTWARE APPLICATIONS

Grades: 9-12

½ credit

COURSE NUMBER: PTI304

1 SEMESTER

Major Concepts/Content: Presentations Software Applications provides students with the opportunity to develop professional level skills in presentations software. Skills include creating and formatting presentations, creating and formatting slide content, working with visual content, collaborating on and delivering presentations. The focus of this course will be use of Microsoft Office PowerPoint to produce a variety of projects. **May take the Microsoft Office PowerPoint for Certification exam upon successful completion of this course at no cost to the student.*

ROBOTICS ENGINEERING

Grades: 9-12

1 credit

COURSE NUMBER: CTE502

FULL YEAR

Major Concepts/Content: The Robotics Engineering course teaches high school students the engineering/design process using mechanisms, machines, and robotic systems. Students progress at their own pace while studying and performing tasks independently and in small groups. Hands-on activities supplemented with demonstrations, mentorship, and study trips familiarize students with the concepts and application of robotics 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, engineering education will engage students meaningfully thereby increasing interest in the pursuit of engineering careers.

SPREADSHEET SOFTWARE APPLICATIONS

Grades: 9-12

½ credit

COURSE NUMBER: PTI306

1 SEMESTER

Major Concepts/Content: Spreadsheet Software Applications provides students with the opportunity to develop professional level skills in spreadsheet software. Curriculum will include instruction in creating data and content,

analyzing data, formatting data and content, collaborating and managing workbooks. The focus of this course will be use of Microsoft Office Excel to produce a variety of projects. **May take the Microsoft Office Excel for Certification exam upon successful completion of this course at no cost to the student.*

VIDEO COMMUNICATIONS I
COURSE NUMBER: PTV301

Grades: 9-12

1 credit
FULL YEAR

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

VIDEO COMMUNICATIONS II
COURSE NUMBER: PTV401

Grades: 9-12

1 credit
FULL YEAR

PREPARATION: Video Communications I.

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

VIDEO COMMUNICATIONS III
COURSE NUMBER: PTV501

Grades: 9-12

1 credit
FULL YEAR

PREPARATION: Video Communications II

Major Concepts/Content: Students will build on the Video Communications I and II courses and refine their resume of skills and products in order to gain entry into post secondary or career entry-level programs in the fields of video/television/film production. Products will be completed for the school and/or community that demonstrate mastery of all production techniques.

WEB DESIGN

Grades: 9-12

½ credit
1 SEMESTER

COURSE NUMBERS: PTI407

Major Concepts/Content: In Website Development/Management, students will design, implement and manage a website. This is a hands-on laboratory course designed to teach students the concepts, skills and processes involved in website development and management.

*Note: This is the same course as **Website Development and Management**. If you have taken Website Dev & Management, you cannot take this course; only the course name has been changed.*

WORD PROCESSING SOFTWARE APPLICATIONS
COURSE NUMBER: PTI303

Grades: 9-12

½ credit
1 SEMESTER

Major Concepts/Content: Word Processing Software Applications provides students with the opportunity to develop professional level skills in word processing software. Skills taught include creating, customizing, managing and organizing documents by using formatting and visual content that is appropriate for the information presented. This may include reviewing, sharing, and securing content. The focus of this course will be use of Microsoft Office Word to produce a variety of projects. **May take the core and/or expert level Microsoft Office Word for Certification exam(s) upon successful completion of this course at no cost to the student.*

FINE ARTS

The Fine Arts program goals are to create works of art, demonstrate aesthetic perception, develop knowledge of art heritage, and utilize critical judgment of the Arts.

FUNDAMENTALS OF ART
COURSE NUMBER: ARA301

Grades: 9-12

1 credit
FULL YEAR

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

SCULPTURE

Grades: 9-12

½ Credit
1 SEMESTER

Course Number: ARC401S

RECOMMENDED PREPARATION: Fundamentals of Art

Major Concepts/Content: The sculpture course is designed to offer students the opportunity to demonstrate an interest in art through working with three-dimensional forms. Students will acquire a broad knowledge of basic sculpting techniques using the additive, subtractive, modeling, and molding methods. Exercises will develop the student's perception of form and space.

CERAMICS

Grades: 9-12

½ Credit
1 SEMESTER

COURSE NUMBER: ARE401S

RECOMMENDED PREPARATION: Fundamentals of Art

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

DIGITAL PHOTOGRAPHY

Grades: 9-12

½ Credit
1 SEMESTER

COURSE NUMBER: ARH401S

CAVEAT: Students will not use profanity, obscenities, or sexually explicit images to create or display art work as determined by the DoDEA educators.

Major Concepts/Content: In this course students will explore digital photography and related technologies for the production of Fine Art. Projects will require exploration and experimentation. The integration of technical skills and aesthetic expression are emphasized along with a study of photographic themes and important artists associated with those themes. Emphasis is placed on the principles of photography.

Repeatable Course - Subsequent Enrollment Requires More Rigor.

STUDIO ART

Grades: 10-12

1 credit
FULL YEAR

COURSE NUMBER: ARS401

RECOMMENDED PREPARATION: Fundamentals of Art

Major Concepts/Content: The studio art course is designed either as units of study in various media, or as an individualized course for advanced students. Students who would like to develop skill in several media would benefit from this course. Students can concentrate on selected media by choosing activities from a wide range of options such as drawing, watercolor painting, acrylic painting, oil painting, sculpture, ceramics, commercial art, creative crafts, lettering, printmaking, and mixed media.

Repeatable Course - Subsequent Enrollment Requires More Rigor.

AP STUDIO ART DRAW**Grade: 12****1 credit****COURSE NUMBER: ARA613****FULL YEAR****Preparation: Summer Assignment**

Course Description: The AP Studio Art Drawing class is an intensive one-year course of college-level study that addresses broad issues of drawing and media. Some of these drawing issues include light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth. Many works of painting, printmaking, and mixed media, as well as abstract, observational, and inventive works, may qualify. The range of marks used to make drawings, the arrangement of those marks, and the materials used to make the marks are endless. Students are expected to take the AP exam at the end of the course.

Major Content/Concepts: Students will explore the elements of art (color, value, line, shape, form, texture and space.) and the possibilities therein artists use to express themselves. The principles of design (balance, contrast, proportion, pattern, rhythm, emphasis, unity, and variety) help guide artists in making decisions about how to organize the elements on an image plane in order to communicate content.

NOTE: Students must take the AP exam in order to receive the extra weight in their GPA.

AP STUDIO ART 2D DESIGN**Grade: 12****1 credit****COURSE NUMBER: ARA614****FULL YEAR****Preparation: Summer Assignment**

Course Description: AP Studio Art: 2-D is designed as an intensive one year course of college-level study which requires more time than traditional courses. Portfolio requirements indicate that the serious student must bring work that has been completed outside the classroom. These works should be completed at times agreed upon by parents and as the school schedule and free time permits. This should be time that students have to devote to their artwork. Students are expected to take the AP Exam at the end of this course.

Major Content/Concepts: Students will explore the elements of art (color, value, line, shape, form, texture and space.) and the possibilities that artists use to express themselves. The principles of design (balance, contrast, proportion, pattern, rhythm, emphasis, unity, and variety) help guide artists in making decisions about how to organize the elements on an image plane in order to communicate content.

NOTE: Students must take the AP exam in order to receive the extra weight in their GPA.

AP STUDIO ART 3D DESIGN**Grade: 12****1 credit****COURSE NUMBER: ARA615****FULL YEAR****Preparation: Summer Assignment**

Course Description: The AP Studio Art: 3D class is an introductory college-level course that addresses three-dimensional design issues as students investigate the principals of design. Experience with various media is extensive and includes sculpture, architectural models, assemblage, ceramics, three-dimensional fiber arts, figural works- both realistic and abstracted, cast pieces and kinetic pieces. Projects are open-ended to allow each student to develop a body of work that illustrates personal vision and artistic style. The issue of artistic integrity is explored as students learn how to develop original works. Students are expected to take the AP exam at the end of this course.

Major Content/Concepts: The AP Studio Art 3D program is intended for those students who are interested in the practical application of art. Students engage in research and work with the teacher on an individual basis to determine the direction their own final portfolios might take. Critical thinking and decision making are emphasized as students analyze their own and the work of others and making selections for the portfolio.

NOTE: Students must take the AP exam in order to receive the extra weight in their GPA.

DRAMA-THEATER**Grades: 9 - 12****1/2 credit****COURSE NUMBER: DRA301S****1 SEMESTER**

Major Content/Concepts: The purpose of this course is to introduce students to the various aspects of Drama. Students will learn Pantomime, Improvisation, Basic Acting Skills, Technical Theatre and Design, Theatre History, and more. Upon completion of this course, students will have an increased appreciation of theatre as an art form. This is a repeatable course. Subsequent enrollment requires more rigor.

DRAMA-THEATER

Grades: 9 - 12

1 credit

COURSE NUMBER: DRA301

FULL YEAR

The purpose of this course is to give the student an increased appreciation of and additional experience in theater as an art form. The student will act, direct, or be technically involved in scenes, one-act plays or full length productions. They will read, write and evaluate plays as well as view and critique electronic and live performances. Through creating theater, students will grow in their ability to comprehend the world and to communicate with others. Some areas of study are costuming, stage makeup, set design, lighting, sound, as well as other design aspects of theatre. This is a repeatable course. Subsequent enrollment requires more rigor.

HUMANITIES

Grades: 9-12

1 credit

COURSE NUMBER: HUH401

FULL YEAR

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

BEGINNING BAND

Grades: 9 - 12

1 credit

COURSE NUMBER: MUI301

FULL YEAR

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

INTERMEDIATE BAND

Grades: 9 - 12

1 credit

COURSE NUMBER: MUI302

FULL YEAR

PREPARATION: BEGINNING BAND

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

ADVANCED BAND

Grades: 9 - 12

1 credit

COURSE NUMBER: MUI303

FULL YEAR

PREPARATION: BEGINNING/INTERMEDIATE BAND

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

ALL band students must purchase a Fort Campbell band polo shirt and provide black shoes and a 3-ring binder with plastic pages. Students may provide their own instrument or use a school instrument. Students using a school instrument are responsible for repairs. Students are required to provide all expendable supplies (reeds, oils, etc.). Percussionists (drums, etc.) must provide approved snare drum sticks, cymbal mallets, timpani mallets, bell mallets and a stick bag. **Marching band costs are T-shirt, gloves, special marching band shoes, socks, etc.**

JAZZ ENSEMBLE**Grades: 9 - 12****1 credit****COURSE NUMBER: MUI304****FULL YEAR**

Major Concepts/Content: The jazz ensemble course is designed to acquaint students with jazz music skills. The content includes, but is not limited to, the following concepts: interpretation and analyzation of musical scores; application of jazz musical nuances in playing from a musical part; improvisation; advance rhythm patterns; performance as a soloist and in small and large group ensembles; a variety of music repertoire such as style, periods, and forms; and sight-reading exercises.

BEGINNING CHORUS**Grades: 9 - 12****1 credit****COURSE NUMBER: MUV301****FULL YEAR**

Major Concepts/Content: The beginning chorus course is designed to Provide students, but not limit them to, the following vocal musical learning experiences: learning the beginning and basic fundamentals of sight-reading vocal music, rehearsing and performing unison and two-part music, singing with small and large groups, studying intonation, experiencing a wide variety of choral literature including secular and no secular music, singing with keyboard and other instrumental accompaniment, and participating in public performances and musical productions.

ADVANCED CHORUS**Grades: 9 - 12****1 credit****COURSE NUMBER: MUV302****FULL YEAR****PREPARATION:** Beginning Chorus or Equivalent

Major Concepts/Content: The advanced chorus course is designed to provide students, but not limit ' -them to, the following advanced vocal musical learning experiences: continuing development of sight-reading ability; analyzing, rehearsing, and performing unison, two-, three-, and four-part music; singing with small and large ensembles in addition to solo opportunities; singing a cappella; experiencing a wide variety of choral literature including secular and no secular music; singing with individual and ensemble instrumental accompaniment; and participating in choral performances.

COMPUTER MUSIC**Grades 9 - 12****½ credit****COURSE NUMBER: MUC301****1 SEMESTER**

Major Concepts/Content: The computer music course is designed to introduce students to basic synthesizer techniques, musical instrument digital interface (MIDI) concepts, recording techniques, programmable rhythm mailing techniques, music composition, and software applications.

GUITAR I**Grades: 9-12****1 credit****COURSE NUMBERS: MUS301****FULL YEAR**

Major Concepts/Content: The guitar I course is designed to introduce students to the study of the guitar. The content includes, but is not limited to, staff notation and rhythm concepts, major and minor chord recognition, strumming and picking techniques, duple and triple meters, listening skills, guitar styles and forms, familiarity in the playing of all strings, variety of guitar repertoire, performance as soloists and in group ensembles, tuning and intonation, and guitar accompaniment techniques.

NOTE: Students must provide their own acoustic guitar for use during class time.

GUITAR II**Grades: 9-12****1 credit****COURSE NUMBERS: MUS302****FULL YEAR****PREPARATION:** Guitar I

Major Concepts/Content: The guitar II course is designed to introduce students to the advanced study of the guitar. The content includes, but is not limited to, staff notation and rhythm concepts, major and minor chord recognition, strumming and picking techniques, duple and triple meters, listening skills, guitar styles and forms, familiarity in the playing of all strings, variety of guitar repertoire, performance as soloists and in group ensembles, tuning and into nation, guitar accompaniment techniques, major and minor scales, and position change.

NOTE: Students must provide their own acoustic guitar for use during class time.

PIANO I

Grades: 9-12

1 credit

COURSE NUMBERS: MUS303

FULL YEAR

Major Concepts/Content: The piano I course is designed to introduce students to the study of the piano. The content includes, but is not limited to, learning correct keyboard playing positions; developing listening skills; reading, writing and playing notation in bass and treble clefs; reading, writing and playing rhythm concepts and patterns; constructing major and minor scales with triads played in both hands; playing in duple and triple meter; practicing and playing simple melodies to develop left- and right-hand independence; playing simple accompaniments and duets; and experimenting with multiple examples of classical and contemporary piano repertoire.

PIANO II

Grades: 9-12

1 credit

COURSE NUMBERS: MUS304

FULL YEAR

PREPARATION: Piano 1, equivalent experience, or audition

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

FOREIGN LANGUAGE

FRENCH I

Grades: 9-12

1 credit

COURSE NUMBER: FLF301

FULL YEAR

Major Concepts/Content: The foreign language I course is designed to teach students to pronounce and discriminate among the various vowel and consonant sounds and respond to and to imitate authentic patterns of intonation, rhythm, and pronunciation. Students learn to give simple oral and written information by using appropriate learned vocabulary, word order, and grammatical forms, and to read silently and aloud with comprehension. The major oral and written linguistic principles presented include the following: pronunciation and recognition of foreign language sounds; formation of affirmative, negative, and interrogative sentences; usage of articles and adjectives to correctly modify nouns; conjugation of various regular and irregular verbs; usage of the present, present progressive, future preterite, and imperfect tenses; usage of comparative, superlative, demonstrative, and possessive adjectives; formation of possession; usage of adverbs; and usage of direct and indirect object pronouns. Various short stories, essays, simple readers, magazines, newspapers, filmstrips, films, slides, videos and computer programs, that are representative of the culture of the different foreign language speaking countries, are used.

FRENCH II

Grades: 9-12

1 credit

COURSE NUMBER: FLF401

FULL YEAR

PREPARATION: Successful completion of Level I language or equivalent

Major Concepts/Content: The foreign language II course is designed to provide activities, projects, and experiences that enable students to appreciate and value the host nation's (or target language) culture, Students are also made aware of the value of foreign language study. Career opportunities are analyzed and students learn that the knowledge of a second language can be a useful tool in international, economical, and social situations. The major linguistic principles and language skills covered in level II include the following: usage of singular and plural nouns and interrogative, definite, indefinite, demonstrative and possessive adjectives; identifying and using the active voice in the indicative mood; identifying and using the imperative, the future tense, all forms of the past tense, progressives, and the subjunctive mood; identifying and using subject pronouns, direct object pronouns, indirect object pronouns, and the emphatic, reflexive, interrogative, demonstrative, and relative pronouns; identifying and using the most common prepositions; identifying and using comparison of adjectives; and

identifying and using the formation of adverbs. Students should also be familiar with short stories, essays, magazines, simple readers, newspapers, filmstrips, films, slides, videos, and computer programs that are representative of the target language and culture. L-8. The content of the foreign language, level II course includes teaching students to follow specific directions given in the target language, and to Understand main ideas after listening to presentations on familiar topics. Students learn to speak in the target language using basic sentence patterns correctly, read a variety of materials in the target language, and demonstrate writing skills in the target language.

FRENCH III**Grades: 9-12****1 credit****COURSE NUMBER: FLF501****FULL YEAR**

Major Concepts/Content: The foreign language III course is designed to continue the teaching of interest, sensitivity, and appreciation for the host nation or target language culture. Students continue learning to value the broadened career opportunities open to those who have knowledge of a second language and culture. In foreign language III, students review and reinforce grammatical principles learned in foreign language II. Listening, speaking, reading, writing, and critical thinking skills become more spontaneous, and fluency in all skills is emphasized. The art of translating, interpreting, and analyzing information and concepts is stressed. Students are encouraged to think in the target language.

GERMAN I**Grades: 9-12****1 credit****COURSE NUMBER: FLG301****FULL YEAR**

Major Concepts/Content: The foreign language I course is designed to teach students to pronounce and discriminate among the various vowel and consonant sounds and respond to and to imitate authentic patterns of intonation, rhythm, and pronunciation. Students learn to give simple oral and written information by using appropriate learned vocabulary, word order, and grammatical forms, and to read silently and aloud with comprehension. The major oral and written linguistic principles presented include the following: pronunciation and recognition of foreign language sounds; formation of affirmative, negative, and interrogative sentences; usage of articles and adjectives to correctly modify nouns; conjugation of various regular and irregular verbs; usage of the present, present progressive, future preterite, and imperfect tenses; usage of comparative, superlative, demonstrative, and possessive adjectives; formation of possession; usage of adverbs; and usage of direct and indirect object pronouns. Various short stories, essays, simple readers, magazines, newspapers, filmstrips, films, slides, videos and computer programs, that are representative of the culture of the different foreign language speaking countries, are used.

GERMAN II**Grades: 9-12****1 credit****COURSE NUMBER: FLG401****FULL YEAR**

PREPARATION: Successful completion of Level I language or equivalent

Major Concepts/Content: The foreign language II course is designed to provide activities, projects, and experiences that enable students to appreciate and value the host nation's (or target language) culture, Students are also made aware of the value of foreign language study. Career opportunities are analyzed and students learn that the knowledge of a second language can be a useful tool in international, economical, and social situations. The major linguistic principles and language skills covered in level II include the following: usage of singular and plural nouns and interrogative, definite, indefinite, demonstrative and possessive adjectives; identifying and using the active voice in the indicative mood; identifying and using the imperative, the future tense, all forms of the past tense, progressives, and the subjunctive mood; identifying and using subject pronouns, direct object pronouns, indirect object pronouns, and the emphatic, reflexive, interrogative, demonstrative, and relative pronouns; identifying and using the most common prepositions; identifying and using comparison of adjectives; and identifying and using the formation of adverbs. Students should also be familiar with short stories, essays, magazines, simple readers, newspapers, filmstrips, films, slides, videos, and computer programs that are representative of the target language and culture. L-8. The content of the foreign language, level II course includes teaching students to follow specific directions given in the target language, and to Understand main ideas after listening to presentations on familiar topics. Students learn to speak in the target language using basic sentence

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patterns correctly, read a variety of materials in the target language, and demonstrate writing skills in the target language.

GERMAN III

Grades: 10-12

1 credit

COURSE NUMBER: FLG501

FULL YEAR

PREPARATION: Successful completion of Level II language or equivalent

Major Concepts/Content: The foreign language III course is designed to continue the teaching of interest, sensitivity, and appreciation for the host nation or target language culture. Students continue learning to value the broadened career opportunities open to those who have knowledge of a second language and culture. In foreign language III, students review and reinforce grammatical principles learned in foreign language II. Listening, speaking, reading, writing, and critical thinking skills become more spontaneous, and fluency in all skills is emphasized. The art of translating, interpreting, and analyzing information and concepts is stressed. Students are encouraged to think in the target language.

GERMAN IV

Grades: 10-12

1 credit

COURSE NUMBER: FLG601

FULL YEAR

PREPARATION: Successful completion of Level III language or equivalent

Major Concepts/Content: The foreign language IV course is designed to continue reviewing and reinforcing all previously presented foreign language concepts and grammar. Students demonstrate self-reliance and proficiency in using proper grammar and syntax of the foreign language. Emphasis will be placed on reading and writing skills. Students read literature, magazines, newspapers, and a variety of other host nation/target language materials. They use the host nation/target language for creative writing. Plays, films, and videos are viewed in the host nation/target language. Critical writings of material viewed are required. Fluency in speaking the language and in the art of translating is continually stressed.

AP GERMAN LANGUAGE+

Grades: 11-12

1 credit

COURSE NUMBER: FLG614

FULL YEAR

RECOMMENDED PREPARATION: Recommended prior study in German I, II, III, and IV or equivalent experience.

Course Description: The AP German Language Course is a college level course which prepares students to communicate proficiently through three modes: interpretive (receptive communication), presentational (1-way productive communication), and interpersonal (2-way interactive communication). This course emphasizes the five domains of learning found in the DoDEA Foreign Language Standards: Communication, Cultures, Connections, Comparisons, and Communities. AP German is conducted almost entirely in German. This course involves an intensity that significantly advances student proficiency and achievement in German. Additionally, students obtain practical cultural knowledge which enables them to interact in a variety of German speaking countries. The interactive nature of this course carries with it the expectation that students will be actively involved in all assignments and projects. Students will be assessed in all domains of learning and on major projects. Weighted grades are calculated for students completing the course and taking the AP exam. Students are expected to take the AP exam at the end of this course.

Major Content/Concepts: AP German Language is equivalent to a 3rd year college German language course. The 5 domains of learning (Communication, Cultures, Connections, Comparisons, and Communities) involve the skills of listening, speaking, reading, writing, and developing cultural awareness. The analysis and examination of authentic literary texts is part of this course. Authentic materials and resources are used along with the required text.

NOTE: Students must take the AP exam in order to receive the extra weight in their GPA.

SPANISH I

Grades: 9-11

1 credit

COURSE NUMBER: FLS301

FULL YEAR

Major Concepts/Content: The foreign language I course is designed to teach students to pronounce and discriminate among the various vowel and consonant sounds and respond to and to imitate authentic patterns of intonation, rhythm, and pronunciation. Students learn to give simple oral and written information by using appropriate learned vocabulary, word order, and grammatical forms, and to read silently and aloud with comprehension. The major oral and written linguistic principles presented include the following: pronunciation and

recognition of foreign language sounds; formation of affirmative, negative, and interrogative sentences; usage of articles and adjectives to correctly modify nouns; conjugation of various regular and irregular verbs; usage of the present, present progressive, future preterite, and imperfect tenses; usage of comparative, superlative, demonstrative, and possessive adjectives; formation of possession; usage of adverbs; and usage of direct and indirect object pronouns. Various short stories, essays, simple readers, magazines, newspapers, filmstrips, films, slides, videos and computer programs, that are representative of the culture of the different foreign language speaking countries, are used.

SPANISH II**Grades: 9-12****1 credit****COURSE NUMBER: FLS401****FULL YEAR****PREPARATION:** Successful completion of Level I language or equivalent

Major Concepts/Content: The foreign language II course is designed to provide activities, projects, and experiences that enable students to appreciate and value the host nation's (or target language) culture. Students are also made aware of the value of foreign language study. Career opportunities are analyzed and students learn that the knowledge of a second language can be a useful tool in international, economical, and social situations. The major linguistic principles and language skills covered in level II include the following: usage of singular and plural nouns and interrogative, definite, indefinite, demonstrative and possessive adjectives; identifying and using the active voice in the indicative mood; identifying and using the imperative, the future tense, all forms of the past tense, progressives, and the subjunctive mood; identifying and using subject pronouns, direct object pronouns, indirect object pronouns, and the emphatic, reflexive, interrogative, demonstrative, and relative pronouns; identifying and using the most common prepositions; identifying and using comparison of adjectives; and identifying and using the formation of adverbs. Students should also be familiar with short stories, essays, magazines, simple readers, newspapers, filmstrips, films, slides, videos, and computer programs that are representative of the target language and culture. L-8. The content of the foreign language, level II course includes teaching students to follow specific directions given in the target language, and to Understand main ideas after listening to presentations on familiar topics. Students learn to speak in the target language using basic sentence patterns correctly, read a variety of materials in the target language, and demonstrate writing skills in the target language.

SPANISH III**Grades: 10-12****1 credit****COURSE NUMBER: FLS501****FULL YEAR****PREPARATION:** Successful completion of Level II language or equivalent

Major Concepts/Content: The foreign language III course is designed to continue the teaching of interest, sensitivity, and appreciation for the host nation or target language culture. Students continue learning to value the broadened career opportunities open to those who have knowledge of a second language and culture. In foreign language III, students review and reinforce grammatical principles learned in foreign language II. Listening, speaking, reading, writing, and critical thinking skills become more spontaneous, and fluency in all skills is emphasized. The art of translating, interpreting, and analyzing information and concepts is stressed. Students are encouraged to think in the target language.

SPANISH IV**Grades: 11-12****1 credit****COURSE NUMBER: FLS601****FULL YEAR****PREPARATION:** Successful completion of Level III language or equivalent

Major Concepts/Content: The foreign language IV course is designed to continue reviewing and reinforcing all previously presented foreign language concepts and grammar. Students demonstrate self-reliance and proficiency in using proper grammar and syntax of the foreign language. Emphasis will be placed on reading and writing skills. Students read literature, magazines, newspapers, and a variety of other host nation/target language materials. They use the host nation/target language for creative writing. Plays, films, and videos are viewed in the host nation/target language. Critical writings of material viewed are required. Fluency in speaking the language and in the art of translating is continually stressed.

AP SPANISH LANGUAGE
COURSE NUMBER: FLS615

Grades: 11-12

1 credit
FULL YEAR

SUGGESTED PREPARATION: Recommended prior study includes Spanish I, II, III and IV or equivalent experience.

Course Description: The AP Spanish Language Course is a college level course, conducted in Spanish, which prepares students to communicate proficiently through three modes: interpretive (receptive communication), presentational (1-way productive communication), and interpersonal (2-way interactive communication). This course emphasizes the five domains of learning found in the DoDEA Foreign Language Standards: Communication, Cultures, Connections, Comparisons, and Communities. This class is interactive in nature with the expectation that students will be actively engaged in all assignments and projects. Students will be assessed in all the learning domains and on major projects. Weighted grades are calculated for students completing the course and taking the requisite AP exam. Students are expected to take the AP exam at the end of this course.

Major Content/Concepts: AP Spanish Language is equivalent to fifth and sixth semester college work (3rd year college) such as found in university level Spanish Composition and Conversation courses. The 5 domains of learning (Communication, Cultures, Connections, Comparisons, and Communities) involve the skills of listening, speaking, reading, writing, and developing cultural awareness appropriate to this level of coursework. The academic rigor for this course is high. Authentic materials are used in addition to the required text.

NOTE: Students must take the AP exam in order to receive the extra weight in their GPA.

HEALTH AND PHYSICAL EDUCATION

PE-PERSONAL FITNESS

Grades: 9-12

½ credit

COURSE NUMBER: PEF301

1 SEMESTER

Major Concepts/Content: This semester course, which is required for graduation, is designed to enable students in grades nine through twelve to develop the conceptual knowledge to make personal physical fitness decisions and the movement skill competency to achieve and maintain health-related physical fitness capabilities for a lifetime. Developmentally appropriate concepts of movement, physical fitness, and personal and social development are included in this course. Students apply appropriate information and problem solving that will help them achieve and maintain an optimal level of physical fitness, consistent with personal goals. The course focuses on why fitness is important; the need to balance nutrition and physical activity; assessment of personal exercise and activity needs and interests; proper posture and training techniques for flexibility, aerobic fitness, strength and endurance; and exercise safety.

PE-LIFETIME SPORTS

Grades: 9-12

½ credit

COURSE NUMBER: PEL301

1 SEMESTER

COURSE PREPARATION: Personal Fitness PEF301

Major Concepts/Content: This semester course, which is required for graduation, is designed to enable students in grades nine through twelve to develop the movement skills and conceptual knowledge for lifetime sports participation. Lifetime sports are those sports and physical activities that people of all ages and all levels of ability can participate in and enjoy whether they are organized for individual, dual or team participation. Students will set personal skill development goals in a few lifetime sports and learn the process of specialized lifetime sport skill development for continued learning, participation and enjoyment.

PE-ACTIVITY & NUTRITION

Grades: 9-12

½ credit

COURSE NUMBER: PEN301

1 SEMESTER

Major Concepts/Content: This one semester physical activity and nutrition course is required for graduation. This course provides a variety of opportunities for students to experience alternative, non-competitive physical activities and nutrition concepts. It is designed to enable students to develop the movement skill and fitness readiness and conceptual knowledge necessary to implement a doable personal physical activity and nutrition plan. Students participate in non-competitive physical activity and meal planning with pre and post physical activity and nutrition assessments. Students access information, obtain and analyze data, and develop their own personal physical activity and nutrition plan.

HEALTH EDUCATION**Grades: 9-12****½ credit****COURSE NUMBER: HLH301****1 SEMESTER**

Major Concepts/Content: This required health education semester course is designed to help high school students extend their conceptualization of health knowledge and practice of health literacy skills, related to their health and the health of others. The focus is on students dealing with the world today and preparing for adult living based on skills for healthful decision making; concepts of personal hygiene and health promotion; knowledge of safe practices to prevent injury and illness; concepts of nutrition and physical activity; mental health promotion and prevention strategies; and understanding the harmful effects and consequences of illicit substance use. Students apply health literacy skills, e.g., practicing interpersonal communications that promote health; analyzing positive and negative as well as internal and external influences on health decisions; and demonstrating safe self-care practices in managing personal health and planning actions on behalf of others. Students conceptualize health knowledge related to issues of young people and practice applying health literacy skills.

CONDITIONING**Grades: 10-12****1 or ½ credit****COURSE NUMBER: PEG402S****1 SEMESTER****COURSE NUMBER: PEG402****1 YEAR**

Major Concepts/Content: This semester or year long course is designed to enable students in grades ten through twelve to continue to develop the movement skills and conceptual knowledge in sports and physical activities of the student's choosing. The course focuses on one category of sport or activity, teaching and improving the motor skills and tactical knowledge unique to that category of physical activity, which may include individual non-competitive activities listed: Aerobics, Spinning, Outdoor Pursuits, Pilates, Strength Training, and Mind Body Exercise.

LANGUAGE ARTS

LANGUAGE ARTS 9**Grade: 9****1 credit****COURSE NUMBER: LAE301****FULL YEAR**

Major Concepts/Content: The language Arts 9 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to, preparing oral reports in various content areas; using appropriate pitch, stress, juncture and rate in formal and informal speech; using the dictionary and the thesaurus to develop an increasingly comprehensive and precise vocabulary in both speaking and writing; locating resources (magazines, reference sources, films, and microfiche) by using indexes, catalogs, and the Reader's Guide; practicing the process of composition, including prewriting, drafting, revising, proofreading, and publishing; writing correspondence using appropriate forms (business, friendly); identifying with literary characters of the student's own age, and understanding how the characters' actions and emotions reflect the student's own actions and emotions; understanding that literature is written at different levels for different purposes and for different audiences; and reading self-selected books to help students learn to view reading as a useful and pleasurable activity.

HONORS LITERATURE 9/WORLD HISTORY 9**Grade: 9****2 credits****COURSE NUMBER: LAE371 & SSW371****FULL YEAR**

NOTE: Students must enroll in both courses. This serves as a preparation course for AP English.

Major Concepts/Content: This is an integrated course for students interested in taking 9th grade Honors Social Studies and English. The course uses the chronological study of world history from Ancient Civilization to 1500 A.D. and covers the themes of culture, science/technology and society, geography, and time/continuity and change. The content integrates readings and writings that focus on exploring, interpreting, and analyzing literature and other readings that extend and support the world history discussions and research. The themes of geography provide the focus for preparing students to understand how humans adapt to the environment. The course is a demanding study of world history and literature, requiring students to understand, analyze, and interpret the connections between major historical events and the writings of the time. Critical thinking, philosophical

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discussion, concept attainment, vocabulary development, language usage, and research will be stressed. The development of discussion and presentation skills will focus on analysis, interpretation, and evaluation.

LANGUAGE ARTS 10

Grade: 10

1 credit

COURSE NUMBER: LAE401

FULL YEAR

Major Concepts/Content: The Language Arts 10 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to, outlining or mapping main ideas and details of information received aurally or through research; using vocabulary and sentence structure appropriate to the listener and the situation; understanding the importance of speech in influencing the course of events in a democratic society; using interviewing skills; using parliamentary procedure skills; using formal debating skills; refining test-taking skills to meet secondary and post-secondary demands; writing a paraphrase, summary, or precise; writing compositions for newspaper publication; writing a short paper using research techniques; selecting appropriate sources of information for the topic; understanding and explaining the type of conflict in a given literary selection (psychological, social, environmental); experiencing a wide range of literary forms (e.g., short stories, novels, non-fiction, poetry, drama); using the media center research facilities; and reading self-selected books to help students learn to view reading as a useful and pleasurable activity.

HONORS LITERATURE 10/WLD HISTORY 10

Grade: 10

2 credits

COURSE NUMBER: LAE471 & SSW471

FULL YEAR

NOTE: Students must enroll in both courses.

Major Concepts/Content: This is an integrated course for students interested in taking 10th grade Honors Social Studies and English. The course uses the chronological study of world history from 1500 to the present and covers the themes of culture, science and technology, economics, and government. The content integrates readings and writings that focus on exploring, interpreting, and analyzing literature and other readings that extend and support the world history discussions and research. The course is a demanding study of world history and literature, requiring students to understand, analyze, and interpret the connections between major historical events and the writings of the time. Critical thinking, philosophical discussion, concept attainment, vocabulary development, language usage, and research will be stressed. The development of discussion and presentation skills will focus on analysis, interpretation, and evaluation.

LANGUAGE ARTS 11

Grade: 11

1 credit

COURSE NUMBER: LAE501

FULL YEAR

Major Concepts/Content: The Language Arts 11 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to, developing an increasingly comprehensive vocabulary in conversation and discussion; developing small group and large group discussion skills; inferring conclusions from a series of oral statements; respecting the presence of dialects and regional variations in speech; writing essays responding to social, political, and literary concepts; writing resumes; writing compositions of more than one paragraph using narration, exposition, and/ or description; developing individual criteria for the aesthetic appreciation of literature; recognizing and understanding the use of literary and stylistic devices; dramatizing literature; experiencing a wide range of literary works written in the United States by writers from the major ethnic groups in the U.S. population, including both classic and modern works; using the media center research facilities; and reading self-selected books to help students learn to view reading as a useful and pleasurable activity.

LANGUAGE ARTS 12

Grade: 12

1 credit

COURSE NUMBER: LAE601

FULL YEAR

Major Concepts/Content: The Language Arts 12 course is designed to strengthen students' skills in listening, speaking, writing, literature, and language. The content includes, but is not limited to, recognizing how continued development of communication skills can enhance one's future career and leisure activities; using communication skills in preparing for career choices; using the research skills necessary to meet the demands of post-secondary classes; using computer technology, where hardware is available, as an aid in writing compositions; writing in a clear and personal style; responding to literary masterpieces which are the common heritage of all people;

engaging in perceptive reading and critical analysis of English and world literature; engaging in discussions of philosophical questions as revealed in literary works; and using the media center research facilities.

AP ENGLISH LANGUAGE AND COMPOSITION

Grades: 11-12

1 credit

COURSE NUMBER: LAC614

FULL YEAR

PREPARATION: SUMMER ASSIGNMENT

Course Description: AP English Language and Composition is designed for students willing to accept an intellectual challenge and is intended to engage higher order analytic and synthetic thinking and writing skills. Wide readings of recognized importance and styles from different time periods will provide students the opportunity to explore and appreciate trends in linguistic styles. In addition to reading primarily nonfiction materials, students may read poetry and fiction to determine the impact of a writer's "linguistic and rhetorical choices."

Students will write in informal and formal contexts to become competent in their personal writing and proficient in expository, analytical, and argumentative assignments. Evaluation and use of primary and secondary sources in addition to learning multiple methods to cite sources will be learned in this course. Timed responses mirroring the demands of the AP exam will be a frequent form of evaluation.

Though the system has an open enrollment policy, students should understand this is a college class taught in a high school classroom and is designed to culminate in the AP Language and Composition Exam. Those who are enrolled in AP Language and Composition may expect a more intense workload; the breadth, pace, and depth of material covered exceeds the standard English class. This course is the equivalent of an introductory college level composition class with college level requirements. It is intended to be both rigorous and challenging. Students are expected to take the AP exam at the end of the course.

Major Content/Concepts: Students will experience, interpret, and evaluate primarily nonfiction readings of recognized importance and styles from different time periods covering multiple disciplines. In addition, the critical examination of the contextual relationship among graphics and visual images to text and as stand-alone messages will be mastered. Readings will be challenging, complex, and rich; collegial discussions amongst the students will deepen their understanding of the use, structure, and impact of language embodied in a work.

NOTE: Students must take the AP exam in order to receive extra weight in their GPA.

AP ENGLISH LITERATURE

Grades: 11, 12

1 credit

COURSE NUMBER: LAL613

FULL YEAR

PREPARATION: SUMMER ASSIGNMENT

Course Description: AP English Literature and Composition is designed for students willing to accept an intellectual challenge and is intended to engage creative and analytical thinking skills. Students will experience, interpret, and evaluate challenging imaginative literature of recognized importance.

Reading and writing are approached as reciprocal processes in this course, and students will have multiple opportunities to recognize and implement good writing and appreciate exemplary literature. What a student reads lends itself to what a student writes; what a student writes enhances and extends their understanding of literature and the writer's craft. Students will write to understand, explain, and evaluate literature in a clear and cogent style. Although critical analysis of the literature is the primary focus of this course, students will have the opportunity to write creatively. Timed responses mirroring the demands of the AP exam will be a frequent form of evaluation.

Though the system has an open enrollment policy, students should understand this is a college class taught in a high school classroom and is designed to culminate in the AP Literature and Composition Exam. Those who are enrolled in AP Literature and Composition may expect a more intense workload; the breadth, pace, and depth of material covered exceeds the standard English class. This course is the equivalent of an introductory college level literature class with college level requirements. It is intended to be both rigorous and challenging. Students are expected to take the AP exam at the end of this course.

Major Content/Concepts: 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. This wide reading will allow students to appreciate the linguistic changes that have occurred with the English language. Readings will be numerous and collegial discussions amongst the students will deepen their understanding of the

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use, structure, and impact of language embodied in a literary work. Wide reading will provide students the opportunity to explore and appreciate trends in linguistic styles across time. In addition to reading numerous works, students will get to know a few pieces well from multiple perspectives.

NOTE: Students must take the AP exam in order to receive extra weight in their GPA.

JOURNALISM

Grades: 9-12

1 credit

COURSE NUMBER: LAJ401

FULL YEAR

Major Concepts/Content: The journalism 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 study of journalism will also introduce students to the problems and opportunities present in mass media today. The content includes, but is not limited to, choosing and using appropriate writing techniques in preparing publishable material (applying the conventions of English usage, using effective words, sentences, and paragraphs, using effective techniques in preparing for interviews and conducting effective interviews, writing publishable newspaper stories); utilizing accepted techniques in the preparation of journalistic material (applying ethical methods of obtaining information for use in writing, rewriting, editing, and proofreading material, writing headlines, identifying material appropriate for school publication, creating an aesthetic page layout, demonstrating balanced writing on controversial issues, differentiating between fact and opinion, and practicing assigned staff responsibilities in an efficient manner); recognizing ethical issues in the practice of journalism [recognizing situational factors affecting publication of material, checking sources to ensure reliability, displaying good taste, and avoiding plagiarism]; and demonstrating personal development congruent with journalistic practices and career goals, demonstrating the ability to follow journalistic work schedules and deadlines, using managerial and supervisory skills, functioning without supervision, and analyzing journalistic materials based upon accepted standards.

SPEECH

Grades: 9-12

½ credit

COURSE NUMBER: LAS401S

1 SEMESTER

Major Concepts/Content: The speech course is designed to Prepare students to create speeches that reflect careful thought in planning, organization, and delivery. The content includes, but is not limited to, identifying the purpose and audience for the speech; selecting the general topic and refining to a specific topic; making a statement of the thesis; selecting appropriate resources and information; outlining; creating a bibliography; selecting main points and supporting information; preparing the appropriate visual aids; modifying information for a particular audience; writing introductions and conclusions; using appropriate delivery techniques; evaluating delivery, content, and pattern of organization using specified guidelines; delivering oral or written critiques; and evaluating a speech according to established criteria. When the school elects to offer the course for 36 weeks, the second semester will focus primarily on debate. Content includes, but is not limited to, learning to appreciate the value of debating and the skills needed for it; using proper debating technique, including three types of formal debate -Lincoln-Douglas, formal college debating, and formal debating with cross-examination; writing and delivering constructive speeches, rebuttals, and cross-examinations; and researching a topic thoroughly.

READING LAB 9-12

Grades: 9-12

1 credit

Must meet eligibility requirements to Reading Lab

FULL YEAR

Reading Lab 9: RED305

Reading Lab 10: RED405

Reading Lab 11: RED505

Reading Lab 12: RED605

ENGLISH AS A SECOND LANGUAGE - ESL – Must meet eligibility requirements to take English as a Second Language

ESL-Starting Comm 1hr	LAA301	9-12	ESL-Developing Comm	LAA501	9-12
ESL-Starting Comm 2hr	LAA303	9-12	ESL-Expanding Comm	LAA601	9-12
ESL-Emerging Comm 1hr	LAA401	9-12			
ESL-Emerging Comm 2hr	LAA402	9-12			

MATHEMATICS

ALGEBRA I

Grades: 9-12

1 credit

COURSE NUMBER: MAA301

FULL YEAR

Major Concepts/Content: This course may be the most common entry level course for students who have had a rich and varied middle level mathematics program. It expands upon basic algebraic concepts previously acquired and integrates those principles with everyday life. The processes of problem solving, reasoning, communication and making connections are emphasized. Students will use formulas, functions, and equations to describe and clarify relationships, and will use geometry to represent algebraic relationships. Students will learn how to write and translate expressions into mathematical forms, solve first and second degree equations, and use the concept of a function to model real-world phenomena.

ALGEBRAIC MODELING

Grades: 9-12

1 credit

COURSE NUMBER: MAZ505

FULL YEAR

Major Concepts/Content: This course strives to show the student connections between math and their daily lives. Students will make application of topics and concepts such as Direct and Inverse Variation, Quadratic Functions, Power Functions, and Exponential Functions as models from Algebra 1. Algebraic modeling concepts and solutions are presented in non-threatening, easy-to-understand language with numerous step-by-step examples to illustrate ideas. Whether they are going on to study early childhood education, graphic arts, automotive technologies, criminal justice, or something else, students will discover that the practical applications of mathematical modeling will continue to be useful well after they have finished this course.

GEOMETRY

Grades: 9-12

1 credit

COURSE NUMBER: MAG401

FULL YEAR

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

DISCRETE MATHEMATICS

Grades: 10-12

1 credit

COURSE NUMBER: MAZ501

FULL YEAR

PREPARATION: Algebra I and Geometry

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

ALGEBRA II

Grades: 10-12

1 credit

COURSE NUMBER: MAA401

FULL YEAR

Major Concepts/Content: This course engages students in advanced algebraic concepts through the study of functions of functions, polynomials, complex matrices, and sequences and series. Students will make connections by integrating algebra into geometry, data analysis, and into other curricular areas. Student reasoning will involve linear equations and inequalities, systems of linear equations, matrices and determinants, quadratic equations and relations, functions and graphs, powers, roots, and radicals, exponential and logarithmic functions, polynomials

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and polynomial functions, rational expressions and functions, sequences and series, probability and statistics, and circular trigonometric functions.

MATH ANALYSIS (PRE-CALCULUS)

Grades: 11-12

1 Credit

COURSE NUMBER: MAD501

FULL YEAR

Major Concepts/Content: This course will involve students in units and topics of study of operations with functions and equations, circular functions, vectors, applications of matrices, complex and polar coordinates, recursion, advanced proof ideas, rates and areas, statistical interference, algebra and algorithms. Problem solving in real world applications involving these units of study will be the beginning and focal points of lessons. Connections will be made of graphs with equations with real world situations. Reasoning in trigonometry, probability, discrete math, mathematical structure, and the conceptual underpinnings of calculus is a major emphasis in this course.

AP STATISTICS

Grade: 12

1 credit

COURSE NUMBER: MAZ611

FULL YEAR

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

- Exploring Data: Describing patterns and departures from patterns
- Sampling and Experimentation: Planning and conducting a study
- Anticipating Patterns: Exploring random phenomena using probability and simulation
- Statistical Inference: Estimating population parameters and testing hypotheses

Students who successfully complete the course and examination may receive credit and/or advanced placement for a one-semester introductory college statistics course.

AP CALCULUS AB

Grade: 12

1 credit

COURSE NUMBER: MAC612

FULL YEAR

PREPARATION: SUMMER ASSIGNMENT

Course Description: AP Calculus AB provides an understanding of the fundamental concepts and methods of differential and integral calculus with an emphasis on their application, and the use of multiple representations incorporating graphic, numeric, analytic, algebraic, and verbal and written responses. Technology is an integral part of the course and includes the use of graphing calculators, computers, and data analysis software. The College Board requires the use of graphing calculators for this course.

Though our system has an open enrollment policy, students should understand that this course is designed to be a fourth-year mathematics course and the equivalent of a year-long, college-level course in single variable calculus. The course requires a solid foundation of advanced topics in algebra, geometry, trigonometry, analytic geometry, and elementary functions. Teaching strategies include collaborative small-group work, pairs engaged in data analysis, whole-group presentations, peer-to-peer discussions, and an integration of technology when appropriate. All aspects of progress in the course are measured using multiple methods such as authentic, performance, observational, and assessment for learning (formative); group and individual projects, student presentations, and assessment of learning (summative). Students are expected to take the AP Calculus AB Exam at the end of this course.

Major Content/Concepts: AP Calculus AB is a college-level course which differs from a high school calculus course in terms of depth of coverage and time commitments for study. The content is organized to emphasize major topics which include the following: (1) functions, graphs, and limits; (2) derivatives, and (3) integrals. These topics are detailed in the AP Calculus AB course description, which is available at [AP Central](#).

NOTE: Students must take the AP exam in order to receive extra weight on their GPA.

MATH LAB CLASSES - Must meet eligibility requirements to take a math support class. These courses count as elective classes and not as math credits.

ALGEBRA LAB	MAA305	9-12
GEOMETRY LAB	MAG405	9-12

SCIENCE

EARTH & SPACE SCIENCE**Grades: 9-12****1 credit****COURSE NUMBER: SCZ302****FULL YEAR**

Major Concepts/Content: Earth and Space is designed to be an elective course for students with a career or special interest and high motivation for an in-depth study of earth or space science. It is designed to help students understand the world around them and increase their ability to evaluate that world. Information is presented in an integrated approach with science as inquiry, science & technology, science & social perspectives, and the history & nature of science. The course integrates unifying science concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium; and form & function.

Scientific inquiry and understanding about inquiry are emphasized through practical implications and meaningful applications. Topics students' study includes geology, astronomy, meteorology, oceanography, and ecology.

ENVIRONMENTAL SCIENCE**Grades: 9-12****1 credit****COURSE NUMBER: SCZ401****FULL YEAR**

Major Concepts/Content: Environmental Science is designed to be an elective course for students with a career or special interest and high motivation for an in-depth study of environmental science. Information is presented in an integrated approach with science as inquiry, science & technology, science & social perspectives, and the history & nature of science. The course integrates unifying science concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium, and form & function.

Scientific inquiry and understanding about inquiry are emphasized through practical implications and meaningful applications. Topics students study include, but are not limited to, the laws of matter and energy, ecosystem analysis, population dynamics, renewable and nonrenewable resources, human impact on the environment, and the relationships among economics, politics, ethics, and the environment.

BIOLOGY**Grades: 9-12****1 credit****COURSE NUMBER: SCB401****FULL YEAR****SUGGESTED PREPARATION:** Algebra I

Major Concepts/Content: Biology is designed to provide students with an integrated approach to the study of living organisms, in addition to science as inquiry, science & technology, science & social perspectives, and the history & nature of science. The course integrates unifying science concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium; and form & function.

Scientific inquiry and understanding about inquiry are emphasized through practical implications and meaningful applications across the essential objectives listed below.

HUMAN ANATOMY & PHYSIOLOGY**Grades: 10-12****1 credit****COURSE NUMBER: SCX401****FULL YEAR****SUGGESTED PREPARATION:** Biology

Major Concepts/Content: Human Anatomy & Physiology is designed to be an elective course for students with a career or special interest and high motivation for an in-depth study of human structures and functions.

Information is presented in an integrated approach with science as inquiry, science & technology, science & social perspectives, and the history & nature of science. The course integrates biology and chemistry using unifying concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium, and form & function.

Scientific inquiry and understanding about inquiry are emphasized through practical and meaningful applications. Topics students study includes the muscular, nervous, digestive, respiratory, circulatory, excretory, endocrine, and reproductive systems, and genetics.

AP BIOLOGY**Grades: 11-12****1 credit
FULL YEAR****COURSE NUMBER: SCB612****PREPARATION:** Biology, Chemistry, Algebra I, Summer Assignment

Course Description: AP Biology provides 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.

Though our system has an open enrollment policy, students should understand that this course is designed to be a second year biology course, and the equivalent of a two-semester long introductory, college level biology course. The course requires a working knowledge of biology, and chemistry. The breadth, pace and depth of material covered exceeds the standard high school Biology course, as does the college-level textbook, laboratory work, and time and effort required of students. This course provides the biology foundations for college majors in biology. Students are expected to take the AP Biology Exam at the end of this course.

Major Concepts/Content: AP Biology is a college-level course which differs from a high school Biology course in terms of depth of coverage, the type of laboratory work and time commitments for study. The three topics in AP Biology that are detailed in the AP Biology course description, which is available on AP Central (<http://apcentral.collegeboard.com>). These topics and relative time percentages for coverage of each are as listed below:

- Molecules and Cells 25%
- Heredity and Evolution 25%
- Organisms and Populations 50%

NOTE: Students must take the AP exam in order to receive extra weight on their GPA.

CHEMICAL APPLICATIONS**Grades: 9-12****1 credit
FULL YEAR****COURSE NUMBER: SCC502**

Major Concepts/Content: Chemistry Applications is designed to help students understand the chemistry behind some important societal issues. Information is presented in an integrated approach with science as inquiry, science & technology, science & social perspectives, and the history & nature of science. The course integrates unifying science concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium, and form & function.

Scientific inquiry and understanding about inquiry are emphasized through practical implications and meaningful applications. Students study basic concepts of chemistry, while integrating physical concepts with societal issues.

CHEMISTRY**Grades: 10-12****1 credit
FULL YEAR****COURSE NUMBER: SCC501****SUGGESTED PREPARATION:** Algebra

Major Concepts/Content: Chemistry is designed to help students understand the major principles of chemistry. Information is acquired through an integrated approach, incorporating advanced topics with science as inquiry, science & technology, science & social perspectives, and the history & nature of science. The course integrates unifying science concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium; and form & function.

Scientific inquiry and understanding about inquiry are emphasized through practical implications and meaningful applications. Topics students' study includes atomic theory and structure, chemical bonding, principles of chemical reactions, molecular structure, and how science and technology relate to chemistry.

AP CHEMISTRY**Grades: 11-12****1 credit
FULL YEAR****COURSE NUMBER: SCC612****SUGGESTED PREPARATION:** Biology, Chemistry, Algebra I, Summer Assignment

Course Description: AP Chemistry provides an orderly development of the fundamental concepts and principles of chemistry with an emphasis on inquiry and critical thinking skills including problem solving, mathematical

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reasoning, and experimental investigations. Topics of study include structure of matter, states of matter, chemical reactions, and descriptive chemistry. Laboratory work is an integral component of this course. Technology including graphing calculators, probe ware, graphing and data analysis software, and chemistry apparatus is used throughout this course.

Though our system has an open enrollment policy, students should understand that this course is designed to be a second year chemistry course, and the equivalent of a yearlong introductory, college level general chemistry course. The course requires a working knowledge of chemistry, and second-year algebra. The breadth, pace and depth of material covered exceeds the standard high school Chemistry course, as does the college-level textbook, laboratory work, and time and effort required of students. Students are expected to take the AP Chemistry Exam at the end of this course.

Major Concepts/Content: AP Chemistry is a college-level course which differs from a high school Chemistry course in terms of depth of coverage, the type of laboratory work and time commitments for study. The topics in AP Chemistry are detailed in the AP Chemistry course description, which is available on AP Central (<http://apcentral.collegeboard.com>). **NOTE: Students must take the AP exam in order to receive extra weight on their GPA.**

PHYSICS APPLICATIONS

Grades: 9-12

1 credit

COURSE NUMBER: SCP302

FULL YEAR

Major Concepts/Content: This course is designed to present concepts of physics in relation to real- world experiences. Information is presented in an integrated approach, linking physics with technology, social perspectives, and the history and nature of science.

The course presents a thematic approach to physics using explorations of topics. Kinematics and dynamics are introduced by studying the physics of sports and transportation systems. Communication and information technologies are used to examine wave theory, light, and sound. Electrical and thermal energy topics are studied within the context of the home, as well as on a global scale. Applications of physics to health and medicine provide opportunities to study x-rays, CT scans, and ultrasound. Scientific predictions, such as those associated with radioactive decay, Newton's first two laws, the Law of Universal Gravitation, and special relativity, are contrasted with non-scientific views in order to highlight the characteristics of good science.

PHYSICS

Grades: 10-12

1 credit

COURSE NUMBER: SCP501

FULL YEAR

SUGGESTED PREPARATION: Algebra, Geometry

Major Concepts/Content: Physics presents basic concepts of physics in relation to world experiences. Information is presented in an integrated approach, linking physics with technology, social perspectives, and the history and nature of science.

Physics is designed to provide an understanding of the physical laws fundamental to all sciences. Fundamental laws of mechanics are introduced, along with measurement and problem-solving techniques. Other topics included are wave theory, heat, sound, light, magnetism, electricity, atomic structure, nuclear reactions, and high energy physics.

SOCIAL STUDIES

WORLD HISTORY 9: CIVILIZATIONS

Grade: 9

1 credit

COURSE NUMBER: SCW305

FULL YEAR

Major Concepts/Content: The students will examine the social, cultural and technological changes that occurred in Europe, Africa, and Asia in the beginnings of human society through 1500 C.E. After reviewing the ancient world and the ways in which archaeologists and historians uncover the past, students study the history and geography of great civilizations as well as the exchange of ideas, beliefs, technologies, and commodities. They learn about the political, economic, social, and cultural development of Europe which influenced the rise of Western Civilization 500 to 1500 and the origins and accomplishments of the Renaissance period.

WORLD HISTORY: A MODERN WORLD
COURSE NUMBER: SSW401

Grades: 9-12

1 credit
FULL YEAR

Major Concepts/Content: Students in grade ten study major turning points that shaped the modern world, from the fifteenth century through the present. They trace the rise of political, social, religious and economic ideals and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives.

HONORS WORLD HISTORY 9/LITERATURE 9
COURSE NUMBER: SSW371 & LAE371

Grade: 9

2 credits
FULL YEAR

NOTE: Students must enroll in both courses

Major Concepts/Content: This is an integrated course for students interested in taking 9th grade Honors Social Studies and English. The course uses the chronological study of world history from Ancient Civilization to 1500 A.D. and covers the themes of culture, science/technology and society, geography, and time/continuity and change. The content integrates readings and writings that focus on exploring, interpreting, and analyzing literature and other readings that extend and support the world history discussions and research. The themes of geography provide the focus for preparing students to understand how humans adapt to the environment. The course is a demanding study of world history and literature, requiring students to understand, analyze, and interpret the connections between major historical events and the writings of the time. Critical thinking, philosophical discussion, concept attainment, vocabulary development, language usage, and research will be stressed. The development of discussion and presentation skills will focus on analysis, interpretation, and evaluation.

HONORS WORLD HISTORY 10/LITERATURE 10
COURSE NUMBER: SSW471 & LAE471

Grade: 10

2 credits
FULL YEAR

NOTE: Students must enroll in both courses.

Major Concepts/Content: This is an integrated course for students interested in taking 10th grade Honors Social Studies and English. The course uses the chronological study of world history from 1500 to the present and covers the themes of culture, science and technology, economics, and government. The content integrates readings and writings that focus on exploring, interpreting, and analyzing literature and other readings that extend and support the world history discussions and research. The course is a demanding study of world history and literature, requiring students to understand, analyze, and interpret the connections between major historical events and the writings of the time. Critical thinking, philosophical discussion, concept attainment, vocabulary development, language usage, and research will be stressed. The development of discussion and presentation skills will focus on analysis, interpretation, and evaluation.

STREET LAW

COURSE NUMBER: SSZ303

Grades: 9 - 12

½ credit
1 SEMESTER

Major Concepts/Content: The street law course is an elective one-semester or yearlong course designed to provide students with knowledge about law that is of practical use in their everyday lives. Students will learn how every purchase, lease, contract, marriage, divorce, crime, or traffic violation places them face-to-face with the law. Depending on the length of the course, topics will include an introduction to law and the legal system, criminal law, torts, consumer law, family law, housing, and individual rights and responsibilities. Students will study some of the current issues and controversies relating to the law and legal system. Students will learn the different methods of solving legal problems, including negotiation, mediation, and the trial process. An effort will be made to make the course relevant to students in DoDEA schools by including special lessons that compare American and the host nation's law and instruct students in the basics of the Code of Military Justice.

MODEL UNITED NATIONS
COURSE NUMBER: SSZ403

Grade: 9-12

½ credit
1 Semester

Major Concepts/Content: The model United Nations course is designed to study the major operations and functions of the United Nations and the role of diplomacy in the organization work. The major political, economic,

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and cultural concerns of Asia, Africa, the Americas, Europe, and the Middle East will be studied with major emphasis on assigned countries.

RESEARCH PROJECT

Grade: 9-12

½ or 1 credit

COURSE NUMBER: INS341

1 Semester OR 1 Year

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

AP WORLD HISTORY

Grades 11 - 12

1 credit

COURSE NUMBER: SSW412

FULL YEAR

PREPARATION: WORLD HISTORY, SUMMER ASSIGNMENT

Major Concepts/Content: Advanced Placement World History is a course of study through which students develop (1) a working knowledge of human history; (2) the ability to analyze events for their implications for subsequent developments. It promotes critical-thinking and problem-solving skills and is consistent with a basic course in a college general education curriculum. The class prepares students for the Advanced Placement examination which is administered in the spring.

NOTE: Students must take the AP exam in order to receive extra weight on their GPA.

SOCIOLOGY

Grades: 10 - 12

½ credit

COURSE NUMBER: SSS401

1 SEMESTER

Major Concepts/Content: Students study human social behavior from a group perspective, including recurring patterns of attitudes and actions and how these patterns vary across time, among cultures and in social groups. Students examine society, group behavior and social structures, as well as the impact of cultural change on society, through research methods using scientific inquiry.

CONTEMPORARY ISSUES

Grades: 10-12

½ credit

COURSE NUMBER: SSZ501

1 SEMESTER

Major Concepts/Content: The contemporary issues course examines contemporary world problems and problem areas. Emphasis will be placed upon the role of the United States in these areas. In preparation, the historical shaping of United States foreign policy will be studied in some detail, and a necessarily brief exposition of the history, nature, and development of communism will also be included. In addition to studying the relationship between the superpowers and how it got that way, "hot spots" such as the Middle East, Southeast Asia, and Latin America will be on the agenda, with primary emphasis upon the past, present, and future interests of the United States in these areas. Problems of the world such as the population explosion and its connection with worldwide environmental degradation, poverty, and famine will be analyzed. Other worldwide problems such as the nuclear arms race and its connection with the possible degradation of global population will be looked into, as well as terrorism and major environmental concerns.

U.S. HISTORY

Grades: 11-12

1 credit

COURSE NUMBER: SSU501

FULL YEAR

Major Concepts/Content: Following a review of the nation's beginnings and the impact of the Enlightenment on U.S. democratic ideals, students in grade eleven study the major events in American history in the twentieth century. Building on prior knowledge of industrialization, students analyze the emergence and impact of accelerated technological development, a corporate economy, and related social and cultural effects on society.

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Major Concepts/Content: In this semester course, students will comprehend the fundamental economic concepts, applying the tools of graphing, statistics, and equations from other subject areas to gain an understanding of the operation and institution of economic systems. Studied in a historical context are the basic economic principles of micro and macroeconomics, international economics, comparative economic systems, measurement, and methods. Discussions and analyses of contemporary economic problems and issues underpin the entire course.

U.S. GOVERNMENT **Grade: 12**
COURSE NUMBER: SSG601

½ credit
1 SEMESTER

Major Concepts/Content: The United States government course is a required one semester course designed to provide students with essential knowledge and skills related to the nation's government and its historical development. Students in this course pursue a deep understanding of the institutions of American government. They analyze the history and interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship between federal, state, and local governments, with particular attention paid to important historical documents. Students compare systems of government in the world (comparison with host nation's government is encouraged as part of the program). These standards represent the culmination of civic efficacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship.

AP GOVERNMENT – POLITICS

Grade: 12

1 credit
FULL YEAR

COURSE NUMBER: SSG612

PREPARATION: SUMMER ASSIGNMENT

Major Concepts/Content: A well-designed AP course in United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. While there is no single approach that an AP United States Government and Politics course must follow, students should become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Certain topics are usually covered in all college courses.

NOTE: Students must take the AP exam in order to receive extra weight on their GPA.

OTHER ELECTIVE COURSES

AVID - Advancement via Individual Determination

The goal of the AVID program is to prepare students to enter and be successful in colleges and universities.

AVID - Advancement via Individual Determination **Grades: 9-12** **1 credit**

COURSE NUMBER: **AVID 9 - LAV301** **AVID 11 - LAV501** **FULL YEAR**
 AVID 10 - LAV401 **AVID 12 - LAV601**

RECOMMENDATION: Students taking Honors classes, higher level courses and AP classes are encouraged to enroll in AVID

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

AVID TUTOR

Grades: 11-12

1 credit
FULL YEAR

COURSE NUMBER: AAT501

Major Concepts/Content: The AVID Tutor program is designed to train students who excel in the academic areas and who have an interest in teaching to work in a collaborative setting with students enrolled in the AVID program.

Tutors will undergo a training period in which they will learn to effectively use the three teaching methodologies used in AVID: writing as a tool for learning, the inquiry method, and collaborative grouping.

YEARBOOK PRODUCTION

Grades: 10-12

1 credit

COURSE NUMBER: AAY301

FULL YEAR

Major Concepts/Content: The yearbook production course is a practical course designed to produce the official yearbook for the school. All phases of yearbook production, including 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. This is a repeatable course. Subsequent enrollment requires more rigor.

STAFF ASSISTANT

Grade: 12

No credit

COURSE NUMBER: AAC301

SEMESTER or FULL YEAR

Major Concepts/Content: The staff assistant course is designed to provide students with experiences in assisting professional school personnel in the duties for which they are responsible.

DUAL CREDIT CLASSES

Dual Credit through local colleges: Hopkinsville Community College (HCC) or Austin Peay State University (APSU)

Students may elect to take classes at Hopkinsville Community College (HCC) or Austin Peay State University (APSU). Students interested in taking college classes must meet dual credit eligibility requirements (listed below). All work done must be completed by the end of the spring semester. Students interested in taking classes should make an appointment with their counselor. The student and his/her sponsor are responsible for all costs of these classes.

Dual Credit Eligibility Requirements:

- ✓ Student has parent permission.
- ✓ Student is recommended by high school counselor or other high school official.
- ✓ Student has a copy of his or her FCHS transcript on file with the college's Admissions Office.
- ✓ Student is a high school junior or senior with a 2.5 high school grade point average on all courses completed at the 10th grade level or higher.
- ✓ Student has a composite ACT score of 18 for HCC and 22 for APSU or a COMPASS score of 70 in English if enrolling in 101 ENG and an ACT score of 20 or a COMPASS score of 48 in the Algebra domain if enrolling in 150 MT. Otherwise scores are not necessary.
- ✓ Student understands s/he must pay regular tuition and independently purchase books/materials related to the class.
- ✓ Student understands that s/he must provide transportation to and from the campus.
- ✓ Student understands that the following credit equivalents will apply for all classes:
- ✓ For three credit hours earned, the student will also earn one FCHS credit.
- ✓ For two credit hours earned, the student will also earn .5 FCHS credit.

ONLINE and CORRESPONDENCE COURSES

Opportunities exist for Fort Campbell High School students to enroll in online courses. They may enroll through the DoDEA Virtual School or see a counselor regarding online and correspondence courses from various sources. There is no cost to the student for the DoDEA Online Learning Academy courses.

Student may also make up classes by correspondence at the expense of the student. Students taking correspondence classes for graduation must complete all work by May 1st. Students interested in correspondence courses should see their counselor.

STUDENT REQUIREMENTS FOR ONLINE COURSE ENROLLMENT:

- Student must be a self-starter -- able to accomplish tasks without direction.
- Student must be a good time manager -- the workload of an online course is greater than that of a typical high school course.
- Student should have access to a computer beyond the school day.
- Student must be a good reader.
- Student must receive approval from the distance learner facilitator and a guidance counselor before enrolling for an online course.
- Student will be scheduled during one class period for work on the online course. This time will be monitored by the distance learning facilitator.
- Student should expect to devote time daily to the online course beyond the one period scheduled during the school day.

Off Campus Courses

PTT302	Auto Tech - 1 hr	Year
PTF401	Culinary Arts I	Year

COURSES AVAILABLE FROM DoDEA VIRTUAL SCHOOL

Curriculum Area	Course Code	Course Name	Grade Level	Course Length
English	LAE3010T	Language Arts 9	9	36 wks
	LAE4010T	Language Arts 10	10	36 wks
	LAE5010T	Language Arts 11	11	36 wks
	LAE6010T	Language Arts 12	12	36 wks
	LAC6140T	AP English Language and Comp.	11-12	36 wks
	LAL6130T	AP English Literature and Comp.	11-12	36 wks
Fine Arts	ARA6110T	AP Art History	12	36 wks
	ARA3020T	Art Appreciation (Fall/Spring)	9-12	18 wks
	HUH4010T	Humanities (Fall/Spring)	9-12	18 wks
	MUG3010T	Music Appreciation (Fall/Spring)	9-12	18 wks
Health/PE	PEN3010T	Activity & Nutrition (Fall/Spring)	9-12	18 wks
	HLH3010T	Health Ed-DL (Fall/Spring)	9-12	18 wks
	PEL3010T	Lifetime Sports (Spring)	9-12	18 wks
	PEF3010T	Personal Fitness (Fall)	9-12	18 wks
Math	MAA3010T	Algebra I	9-10	36 wks
	MAA4010T	Algebra II	11-12	36 wks
	MAG4010T	Geometry	10-11	36 wks
	MAC6120T	AP Calculus AB	11-12	36 wks
	MAC6130T	AP Calculus BC	11-12	36 wks
	MAZ6110T	AP Statistics	11-12	36 wks
CTE	PTB3010T	Bus & Personal Finance (Fall/Spring)	10-12	18 wks
	CTI4010T	Gaming Technology I (Spring)	9-12	18 wks
	PTP3050T	Java I (Fall/Spring)	9-12	18 wks
	PTP3060T	Java II (Spring)	9-12	18 wks
	PTI3040T	Pres. Software App (Fall/Spring)	9-12	18 wks
	PTI3060T	Spreadsheet Software App (Spring)	9-12	18 wks
	PTI4070T	Web Design (Fall)	9-12	18 wks
	PTI3030T	Wd Process Software App. (Fall)	9-12	18 wks
	PTP5110T	AP Computer Science A	11-12	36 wks
Science	SCB6120T	AP Biology	11-12	36 wks
	SCZ6110T	AP Environmental Science	11-12	36 wks
	SCB4010T	Biology	9-12	36 wks
	SCC5010T	Chemistry	10-12	36 wks
	SCZ3020T	Earth & Space Science	9-12	36 wks
	SCZ6020T	Marine Biology	10-12	36 wks
	SCP5010T	Physics	10-12	36 wks
	SCP6120T	AP Physics B	11-12	36 wks
Social Studies	SSN4010T	Economics (Fall/Spring)	10-12	18 wks
	SSP5010T	Psychology (Fall/Spring)	10-12	18 wks
	SSS4010T	Sociology (Fall/Spring)	10-12	18 wks
	SSG6010T	U.S. Gov and Pol (Fall/Spring)	12	18 wks
	SSU5010T	U.S. History	11-12	18 wks
	SSW4010T	World History	9-12	36 wks
	SSG6120T	AP Government and Politics	12	36 wks
	SSN6110T	AP Macroeconomics (Spring)	12	18 wks
	SSN6120T	AP Microeconomics (Fall)	12	18 wks
	SSU6110T	AP U.S. History	11-12	36 wks
	SSW4120T	AP World History	10-12	36 wks

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World Languages	FLC3010T	Chinese I	9-11	36 wks
	FLC4010T	Chinese II	9-11	36 wks
	FLF3010T	French I	9-12	36 wks
	FLF4010T	French II	9-12	36 wks
	FLJ3010T	Japanese I	9-12	36 wks
	FLJ3020T	Japanese II	9-12	36 wks
	FLS3010T	Spanish I	9-12	36 wks
	FLS4010T	Spanish II	9-12	36 wks
	FLS5010T	Spanish III	9-12	36 wks
	FLS6010T	Spanish IV	9-12	36 wks
	FLS6150T	AP Spanish Language	11-12	36 wks
	FLF6150T	AP French Language	11-12	36 wks
	FLG6140T	AP German Language	11-12	36 wks

Fort Campbell High School

1101 Bastogne Avenue
Fort Campbell, KY 42223-5133
Phone: (270) 640-1219
www.am.dodea.edu/campbell/campbellhs

ADMINISTRATION

Mohan Vaswani, Principal
Mohan.Vaswani@am.dodea.edu

Demetrius Thomas, Assistant Principal
Demetrius.Thomas@am.dodea.edu

James Strait, Assistant Principal
James.Strait@am.dodea.edu

GUIDANCE COUNSELORS

Wanda Bermudez-Cardé (Counselor for Class of 2013)
Wanda.Bermudez-Cardé@am.dodea.edu

Sarah Coyne (Counselor for Class of 2014)
Sarah.Coyne@am.dodea.edu

Stacy Daniels
Stacy.Daniels@am.dodea.edu

Mary Hunter (Counselor for Class of 2016)
Mary.Hunter@am.dodea.edu

Martha Speake (Counselor for Class of 2015)
Martha.Speake@am.dodea.edu
