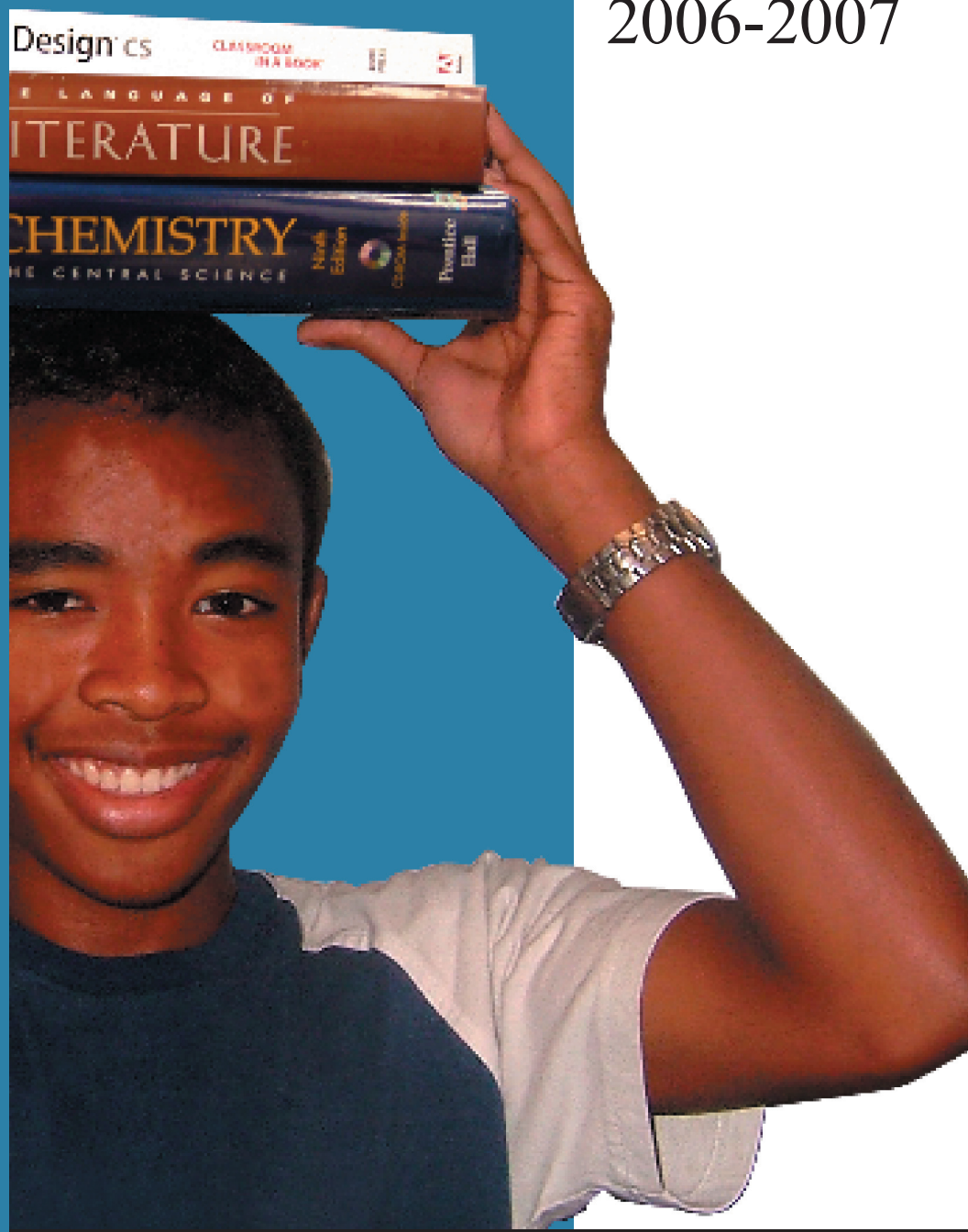
GUAM HIGH SCHOOL

2006-2007



coursedescription

Guam High School
Course Description Booklet
SY 06-07

A Guide to DDESS Guam High School's Academic Courses

DDESS Guam High School
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Asan, Guam 96910

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Counseling Office:
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DDESS Guam High School
PSC 455 Box 192
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CEEB Code: 525101

Table of Contents

The Course Description booklet has been prepared for you and your parents. It provides information concerning subjects offered at Guam High School. Please consider the following before you begin selecting your course of study:

1. Graduation requirements
2. Personal interest
3. Individual aptitudes
4. Post-high school plan

Counselors and teachers are prepared to assist you with this very important task of selecting courses. Most importantly, involve your parents and talk to them about your plans.

How Many Classes Should I Take?

The school day is organized into four 90 minute class periods. Students take seven courses each semester and can earn 7 units of credit per year. Period 1 through 4 are considered to be Gold days and Period 5 through 8 are considered to be Blue days. Seminar is scheduled during Period 6 (Blue Day). The first 30 minutes of Seminar is Sustained Silent Reading and the remaining hour is dedicated to studying, doing homework, seeking assistance from teachers, doing make-up work, and other academically related activities.

Graduation Requirements for Students Graduating through June 2007

Required Courses	Units
English 9, 10, 11, 12 (2 years of ESL may be substituted for 2 years of English	4
Social Studies (1 credit of U.S. History and ½ credit of U.S. Government are required)	3
Mathematics (2 credits must be earned in course work in Algebra and Geometry.	3
Science (all courses must contain a laboratory component)	3
Career Education	1
Foreign Language (2 credits in the same foreign language are required)	2
Fine Arts (related courses in Art, Music, Drama, Dance, Humanities. An aesthetic product is required.)	1
Physical Education	1
Health	1/2
Computer Technology and/or Computer Science	1
Electives	4 1/2
Total Credits	24

* Beginning with the ninth grade class of school year 2003-2004, (graduation in school year 2006-2007), students will need a cumulative grade point average of 2.0 or better, to graduate from the Department of Defense Education Activity schools.

Graduation Requirements for Students Graduating from the Class of 2008 and Beyond

Required Courses	Units
English 9, 10, 11, 12 (2 years of ESL may be substituted for 2 years of English)	4
Social Studies (1 credit of U.S. History, 1 credit of either World Regions or World History, and ½ credit of U.S. Government required)	3
Mathematics (Algebra I and Geometry required. The third math credit must have a course code of 400 or above, excluding Lab classes)	3
Science (Biology required and either Chemistry or Physics is required. Physics Applications in the Community and Chemistry Applications meet the credit requirement for graduation.	3
Foreign Language (2 credits of the same foreign language required)	2
Professional Technical Studies (1/2 credit must be in computer technology)	2
Physical Education	1 1/2
Fine Arts (Courses used to meet this credit must be related to: visual arts, music, theatre, dance, and/or humanities)	1
Health Education	1/2
Electives	6
Total Credits	26

* Beginning with the ninth grade, in school year 2004-2005, graduating class of 2008, a minimum of 26 units of credit and a grade point average of 2.0 are required for high school graduation.

Suggested FOUR (4) Year Plan

Freshman	Sophomore	Junior	Senior
English 9 or Honors Literature/World History 9	English 10 or Honors Literature/World History 10	English 11 or Advanced Placement (AP)English Language	English 12 or AP English Literature
Biology or Physic Application in the Community or Chemistry in the Community	Biology or Chemistry or Environmental Science or Marine Biology	Chemistry or AP Chemistry or Physics or AP Biology or Human Anatomy	U.S. Government (1 semester) or AP U.S. Government (1 year)
World Regions or Honors World History/Literature 9	Geometry or Algebra II	Math Analysis or Algebra II	Math Analysis or Calculus
Physical Education	Physical Education (1 semester)	U.S. History or AP U.S. History	Physics or AP Biology or AP Chemistry
Algebra or Geometery	World History or Honors World History/Literature 10	Fine Arts	Electives
Foreign Language	Foreign Language II	Electives	Professional Technical Studies
Electives	Health (1 semester) or Computer Technology (1 semester)	Professional Technical Studies	

Requirements for the Honor's Diploma

The Department of Defense Dependents' Elementary/Secondary Schools, Asan, Guam shall award the Diploma with Honors to any student who has fulfilled the following requirements:
Met the course, credit, and other requirements for graduation established by the Department of Defense schools.
Met at least four of the following five criteria:

1.	Four units of Mathematics, to include Geometry, Algebra II, Math Analysis, and any AP Math courses.
2.	Four units of Science, including Biology, Chemistry, Physics and any AP science courses.
3.	Two Honors or Advanced Placement units from any of the four core curricular areas in English/Language Arts, Social Studies, Mathematics, Science, Foreign Language, and Fine Arts.
4.	An overall high-school grade point average of at least 3.5 on a four point scale up through the first semester of the senior year (7 semesters).
5.	Obtain a composite score of twenty-seven on the American College Testing program's Test or an equivalent composite score of 1210 on the Scholastic Aptitude Test.

Requirements for Honor's Diploma
(9th grade class of 2004-2005-Graduating class of 2008)

1.	Obtain a cumulative grade point average of 3.8 or higher based on student grades attained at the end of the second semester of the graduating year AND
2.	Earn passing course grades and take the requisite exams in a minimum of four Advanced Placement (AP) exams.

Schedule Change Policy

If it is necessary to make a schedule change, the following procedure will apply:

1.	Obtain a Schedule Change Form from the Counseling Department.
2.	Obtain parental permission to change a class.
3.	Course selection is considered final following the first five school days of the first semester, and five school days after the start of the second semester.

Repeating a Credit Course Policy

1.	The policy is effective for courses being repeated beginning in SY 03-04 and from that point on. It does NOT affect courses that were repeated before SY 03-04. With the permission of the Principal, on a space available basis, a course for which credit is granted may be repeated for content or skill mastery. Credit will be given only once and the grade will be for the most recent course taken. The student's permanent record will show that the course was repeated. Students repeating a course in which weighted grades are assigned will receive credit only for the most recent course taken. The grade point average will reflect the most recent course taken.
2.	In the case where a student fails a course required for specific graduation requirements, he or she may repeat the course more than once.

*Lab classes for Reading/Language Arts, Algebra I, and Geometry

These courses have been established by every DoDEA high school. They are designed to provide experiences that reinforce and enhance student understanding of the basic concepts and mastery of skills taught in the core academic courses in Reading, Language Arts, Algebra I and Geometry.

DoDEA Professional Technical Studies Clusters & Pathways

The Professional Technical Studies program offers courses in many career field to students in DoDEA middle and high schools. The mission of this program is to prepare our students to be technologically literate and employable in a global workforce. Students taking Professional Technical Studies courses also must meet all DoDEA graduation requirements.

This program is divided into career clusters and career pathways. Career clusters represent major groupings of similar occupations and industries within the U.S. job market (e.g. business, information technology, manufacturing, health, human services.) Each cluster provides students with the "big picture" in terms of career options and an understanding of the broad industry. Within each of the career clusters are various career pathways which represent a variety of occupational fields or jobs associated with the career cluster.

It is important to note that DoDEA has adopted 11 of the U.S. Department of Education's 16 nationally recognized career clusters and 22 associated pathways. Each DoDEA high school offers only those clusters and pathways that can be supported by the local school curriculum offerings. Guam High School can support 4 of these clusters and 6 associated pathways:

Cluster: Arts, A/V Technology & Communication
Pathway: Journalism & Broadcasting

Cluster: Business, Management, & Administration
Pathways: Business, Financial Management & Accounting
Administration & Information Support

Cluster: Information Support Services
Pathways: Information Support & Services
Network Systems

Cluster: Government & Public Administration
Pathway: National Security (JROTC)

What is exciting about Career Cluster and Pathways is that they will help students to focus on what they want to do with their lives after they graduate. By choosing a pathway of interest, students will be guided into appropriate courses to take, and they will begin to understand the importance of subjects like math, science and English in preparing them in the area of their career interest. Each pathway focuses students on the courses and experiences that will allow them to explore careers and prepare for two-year and four-year colleges, and the workplace.

Students completing the 4 credits of study from the courses required and recommended for a specific pathway will earn a Pathway endorsement on their graduation transcript. Students should check with their school counselor for specific information on the clusters and pathways offered. **Taken from DoDEA website on Clusters & Pathways.

Arts, A/V Technology, & Communtication

Pathway: Journalism & Broadcasting			
Required courses			
Course number	Course Name	Credits	Subject Area
LAS 401	Speech	1	Elective
LAJ401	Journalism I	1	Elective
MEV301	Video Communications I	1	GC/GV
Recommended Courses			
Course number	Course Name	Credits	Subject Area
DRA301	Drama	1	GF
LAS401	Speech	1	Elective
LAJ401	Journalism I	1	Elective
MEV501	Video Communications II	1	GC/GV
BCB303	Word Processing Software Applications	.5	GC
VEW301	Career Practicum (Pathway related)	q	GV

Business, Management, & Administration

Pathway: Business Financial Management and Accounting			
Required courses			
Course number	Course Name	Credits	Subject Area
BCA401	Accounting I	1	GV
BCA501	Accounting II	1 GV	
Recommended Courses			
Course number	Course Name	Credits	Subject Area
BCM401	Business Management	1	GV
BCB501	Business Law	1	GV
BCB303	Word Processing Software Applications	.5	GC
BCB304	Presentations Software Applications	.5	GC
BCB305	Database Software Applications	1	GC
BCB306	Spreadsheet Software Applications	1	GC
BCT301	Computer Applications I	.5	GC
VEW301	Career Practicum (Pathway related)	1	GV
Related Courses			
Course number	Course Name	Credits	Subject Area
VEX301	Career Decision Making	.5	GV
BCA301	Personal Finances	1	GV

Pathway: Administration & Information Support			
Required courses			
Course number	Course Name	Credits	Subject Area
BCB303	Word Processing Software Applications	.5	GC
BCB304	Presentations Software Applications	.5	GC
Recommended Courses			
Course number	Course Name	Credits	Subject Area
DRA301	Drama	1	GF
BCB401	Office Technology & Management	1	GV
BCT301	Computer Applications I	.5	GC
BCB305	Database Software Applications	1	GC
BCB306	Spreadsheet Software Applications	1	GC
BCB307	Imaging Software Applications	1	GC
BCM401	Business Management	1	GV
ARC301	Computer Art	1	GF
BCT401	Presentations & Publications	.5	GC/GV
BCA401	Accounting I	1	GV
BCT407	Web Site Development and Management	.5	GC/GV`
VEW301	Career Practicum (Pathway related)	1	GV
Related Courses			
Course Number	Course Name	Credits	Subject Area
BCA301	Personal Finances	1	GV
VEX301	Personal Finances	.5	GV
BCB501	Business Law	1	GV
BCT308	Technology Leadership Community	1	GC/GV

Pathway: Management

Required courses			
Course number	Course Name	Credits	Subject Area
BCM401	Business Management	1	GV
BCM501	Entrepreneurship/E-Commerce	.5	GV
BCM503	Marketing	.5	GV
Recommended Courses			
Course number	Course Name	Credits	Subject Area
BCM503	Marketing (continuation)	.5	GV
BCA401	Accounting I	1	GV
BCT301	Computer Applications I	.5	GC
BCB303	Word Processing Software Applications	.5	GC
BCB304	Presentations Software Applications	.5	GC
BCB501	Business Law	1	GV
VEW301	Career Practicum (Pathway related)	1	GV
Related Courses			
Course number	Course Name	Credits	Subject Area
BCB307	Imaging Software Applications	1	GC
BCA301	Personal Finances	1	GV
BCT406	Emerging Technologies	.5	GC/GV
BCT307	Fluency in Computer Science	.5	GC/GV
VEZ301	Career Decision Making	.5	GV
BCT405	Interactive Media	1	GC

Information Support Services

Pathway: Information Support & Services			
Required courses			
Course number	Course Name	Credits	Subject Area
VEE309	Computer Service & Support	1	GC/GV
VEE301 BCC305 BCC307 BCC401	Digital Electronics I or Java I or Visual BASIC programming I or C++ Programming	.5	GV GC GC GC
Recommended Courses			
Course number	Course Name	Credits	Subject Area
VEE301	Digital Electronics I	.5	GV
VEE401	Digital Electronics II	.5	GV
TEZ301	Principles of Engineering	.5	GV
BCT309	Network Administration/ Security	.5	GV
BCC401/2	C++ Programming I & II	.5 – 1	GC
BCC307/8	Visual BASIC programming I & II	.5 – 1	GC
BCC305/6	Java Programming I & II	.5 – 1	GF
BCB303	Word Processing Software Applications	.5	GC
BCB305	Database Software Applications	1	GC
BCB306	Spreadsheet Software Applications	1	GC
VEW301	Career Practicum (Pathway related)	1	GV
Related Courses			
Course number	Course Name	Credits	Subject Area
BCT406	Emerging Technologies	.5	GC/GV
BCM501	Entrepreneurship/E-Commerce	.5	GV
VEE404	Microprocessors	.5	GV
BCT308	Technology Leadership Community	1	GC/GV

PATHWAY: PROGRAMMING/SOFTWARE ENGINEERING			
Required courses			
Course number	Course Name	Credits	Subject Area
BCC401/2 (0T) BCC305/6 (0T) BCC307/8 (0T) BCC511 (0T) BCC512 (0T)	One full year of one of the following programming languages: C++Programming I & II or Java I & II or AP Computer Science A or AP Computer Science B	1	GC
BCT504 (0T)	Advanced Computer Studies	.5	GC
Recommended Courses			
Course number	Course Name	Credits	Subject Area
BCC401	C++ Programming I	.5 – 1	GC
BCC402	C++ Programming II	.5 – 1	GC
BCC305	Java Programming I	.5 – 1	GF
BCC306	Java Programming II	.5 – 1	GF
BCC307	Visual BASIC programming I	.5 – 1	GC
BCC308	Visual BASIC programming II	.5 – 1	GC
BCC511	AP Computer Science A	1	GC
BCC512	AP Computer Science AB	1	GC
BCT407	Web Site Development/ Management	.5	GC/GV
VEE309	Computer Service & Support	1	GC/GV
VEW301	Career Practicum (Pathway related)	1	GC
Related Courses			
Course number	Course Name	Credits	Subject Area
BCT308	Technology Leadership Community	1	GC/GV
BCT307	Fluency in Computer Science	.5	GC
MAD501	Math Analysis	1	GM

Pathway: Network Systems			
Required courses			
Course number	Course Name	Credits	Subject Area
BCT502	Cisco Networking I	1	GC/GV
BCT602	Cisco Networking II	1	GC/GV
Recommended Courses			
Course number	Course Name	Credits	Subject Area
VEE309	Computer Service & Support	1	GC/GV
BCT307	Fluency in Computer Science	.5	GC
VEE301	Digital Electronics I	.5	GV
VEE401	Digital Electronics II	.5	GV
BCT309	Network Administration/ Security	.5	GC
BCT406	Emerging Technologies	.5	GC/GV
BCC307	Visual BASIC programming I	.5 – 1	GC
BCC308	Visual BASIC programming II	.5 – 1	GC
BCC401	C++ Programming I	.5 – 1	GC
BCC402	C++ Programming II	.5 – 1	GC
BCC307	Visual BASIC Programming I	.5	GC
BCC305	Visual BASIC Programming II	.5	GC
BCC305	Java Programming I	.5 – 1	GF
BCC306	Java Programming II	.5 – 1	GF
VEW301	Career Practicum (Pathway related)	1	GC
Related Courses			
Course number	Course Name	Credits	Subject Area
BCT308	Technology Leadership Community	1	GC/GV

National Security

Pathway: National Security

Required Courses

Course Number	Course Name		Credits	Subject Area
VEF301	Air Force JROTC I Marine JROTC I Army JROTC I Navy JROTC I	(one of these 4)	1	GV
VEM301			1	GV
VER301			1	GV
VEV301			1	GV
VEF401	Air Force JROTC II Marine JROTC II Army JROTC II Navy JROTC II	(one of these 4) OR	1	GV
VEM401			1	GV
VER401			1	GV
VEV401			1	GV
VEF501	Airforce JROTC III Marine JROTC III Army JROTC III Navy JROTC III	(one of these 4)	1	GV
VEM501			1	GV
VER501			1	GV
VEV501			1	GV

Recommended Courses

Course Number	Course Name		Credits	Subject Area
VEF401	Air Force JROTC II		1	GV
VEM401	Marine JROTC II		1	GV
VER401	Army JROTC II		1	GV
VEV401	Navy JROTC II	OR	1	GV
VEF501	Air Force JROTC III		1	GV
VEM501	Marine JROTC III		1	GV
VER501	Army JROTC III		1	GV
VEV501	Navy JROTC III		1	GV
VEF601	Air Force JROTC IV		1	GV
VEM601	Marine JROTC IV		1	GV
VER601	Army JROTC IV		1	GV
VEV601	Navy JROTC IV		1	GV
SSP501	Psychology		1	GE
SSS401	Sociology		1	GE
LAS401	Speech		1	Elective
VEZ303	Student Leadership		1	GV
SSZ303	Street Law		1	GE
VEW30*	Career Practicum		1	GV

Professional Technical Studies

Accounting I	Career Practicum – 3 hr	Food Mgmt and Prod	Personal & Prof Dev
Accounting II	CISCO Networking I	Graph Commun Sem	Personal Finances
Advanced Comp Science	CISCO Networking II	Graphics I	Presentation & Publication
AP Comp Science A/Tel*	Civil/Environ Eng	Graphics II	Presentation Software App
AP Comp Science AB/Tel*	Computer Aided Manufacturing II	GraphProdCntr I – 1 hr	Prin of Engineering
AP Computer Science A*	Computer Animation	GraphProdCntr I – 2 hr	Robotics/Mech Eng I
AP Computer Science AB*	Computer Apps I	GraphProdCntr I – 3 hr	Robotics/Mech Eng II
APP Arch Design/CAD	Computer Service/Support	GraphProdCntr II – 1 hr	School to Careers
Architectural Draw	Cosmetology Cntr – 1 hr	GraphProdCntr II – 2 hr	Sports Medicine I
Auto Body	Cosmetology Cntr – 2 hr	Heath Care Services	Sports Medicine II
Auto Tech – 2 hr	Cosmetology Cntr – 3 hr	Imaging Sfwr App	Spreadsheet Software App
Auto Tech I – 1 hr	Cosmetology I	Independent Liv Skill	Student Leadership
Auto Tech II – 1 hr	Cosmetology II	Interactive Multimed	Tech Leader Comm
Auto Tech III – 1 hr	Cosmetology III	Int'l Business	Transit to Post-Sec
Auto Tech IV – 1 hr	Cosmetology IV	Java I	VB Prog I/Tel
AutoServCntr I – 1 hr	Culinary Arts I	Java I/Tel	VB Prog II
AutoServCntr II – 1 hr	Culinary Arts II	Java II	VB Prog II/Tel
AutoServCntr II – 2 hr	Culinary Arts III	Java II/Tel	Video Comm I
AutoServCntr II – 3 hr	Database Software App	Lodging I	Video Comm II
Business Law	Digital Electron I	Lodging II	Video Comm Sem
Business Management	Digital Electron II	Lodging III	Video Production
C++ Program I/Tel	Emerging Tech	Lodging IV	Web Site Dev/Mgmt
C++ Program II/Tel	Engineer Design/Dev	Marketing	Welding
C++ Programming I	Engineer Draw/CAD	Microprocessors	Welding II(Ft Knox)
C++ Programming II	Entrepreneur/E-Com	NC Teacher Cadet Pro	Welding III(Ft Knox)
Career Decis Making	Family Consumer Science	Network Admin/Sec	Welding IV(Ft Knox)
Career Practicum – 1 hr	Fashion Modeling	Nutrition Fit & Well	WordProcess Sfwr
Career Practicum – 2 hr	Fluency in Comp Science	Office Tech & Mgmt	Yearbook Production

Art Education

Drawing
ARW401
Grade Level: 9-12
Recommended preparation: Fundamentals of Art
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
The drawing course is for serious art students who have successfully completed one or more semesters of Fundamentals of Art and wish to further develop their drawing skills. The course is designed for students who want to explore drawing as a means of self-expression. Instructional activities will provide practice in the use of various drawing tools, materials, and widely recognized techniques. Students will also further their knowledge of art heritage and career options related to drawing. Projects will be evaluated on originality, craftsmanship, effort, time utilization and quality.

Fundamentals of Art
ARA301
Grade Level: 9-12
Recommended preparation: None
Length of Course: 36 Weeks/1 academic year
Fundamentals of Art is the basic entry course for the art program. The course provides instruction in the use of such elements and principles of design as line, shape, space, value, color and texture. Students learn how to create balanced, rhythmic, unified individual works of art through a progression of assignments that use a variety of two and three dimensional art media. Emphasis is placed on the basic techniques of design, drawing, painting, printmaking and ceramics. Students will also develop knowledge of art heritage through the study of major styles, cultures, and historical periods in art.

AP Studio Art, Drawing Portfolio
ARA612
Grade Level: 11-12
Recommended preparation: Fundamentals of Art
Length of Course: 36 Weeks/1 academic year
AP Studio Art, Drawing Portfolio, makes it possible for the highly motivated art student that has already exhibited a high degree of skill to do college-level work. Students will build a drawing portfolio from previous work that addresses a broad interpretation of drawing issues. For example, painting, printmaking, studies for sculpture, some forms of design, and abstract and observational works would qualify as addressing drawing issues. Students will be required to produce a body of work that demonstrates a cohesive theme developed from personal interests and ideas in drawing. Students must also be able to articulate their personal area of concentration in writing when submitting their portfolios, a minimum of 24 original works, for evaluation by the AP Board at the end of the school year.

Studio Art
Grade Level: 9-12
Recommended Preparation: Fundamentals of Art
Length of course: 18 weeks/1 semester
The Studio Art course is designed as units of study in various media as an intermediate-advanced course for students who have successfully completed one or more years of high school art. Students will produce artwork in selected media and materials such as: drawing with pen, pencil, pastel, charcoal and conte crayon; painting with tempera, acrylic and watercolor; printmaking; sculpture; and mixed media. Students will be exposed to different past and current styles in art.

Art Appreciation
Grade Level: 9-12
ARA302
Length of course: 18 weeks/1 semester
The art appreciation course is designed for students who want a broad introduction to the world of art, with or without exploratory work in the studio. The course includes a brief overview of the major styles and periods of world art, facilitated by the use of slides, films, and reproductions. Emphasis will be placed on understanding and relating artworks to the environment and time in which they were created.

Commercial Art
Grade Level: 9-12
ARM401
Length of course: 18 weeks/1 semester
The commercial art course is designed to explore the fundamental skills required in the design and production of advertising and promotional art. Emphasis is placed on the creative processes used before producing finished artwork; e.g., sketches, client presentations, and revisions. This class will include instruction in basic drawing and composition skills, and in graphic design techniques, lettering, and layout.

Advancement Via Individual Determination (AVID)

AVID I-IV
LAV401
Grade Level: 9-12
Recommended preparation: None
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
AVID is a national program serving high ability but underachieving students. AVID provides academic instruction and other support to prepare its students for eligibility in four-year colleges and universities. The curriculum includes college preparatory writing, academic success strategies (i.e. note-taking and study skills), tutorials, organizational skills, college and career awareness and interaction with guest speakers. To qualify for AVID a student must have between a 2.0 and 3.0 grade point average and have Terra Nova Math and Language stanines of 5 or above.

Business Education

Accounting I
BCA401
Grade Level: 10-12
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic 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
BCA501
Grade Level: 11-12
Recommended Preparation: Accounting I
Length of Course: 36 Weeks/1 academic year
Accounting II expands the accounting concepts learned in Accounting I. Students will be introduced to partnership and corporate accounting concepts, accounting procedures for manufacturing businesses, cost and managerial concepts, and analysis tools. Notes and depreciation will be studied in greater depth.

Business Law
BCB501
Grade Level: 11-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester
Major Concepts/Content: Business Law provides the student with a survey of the American legal system. This course develops an understanding of law as applied to society and

to the individual. Topics include the judicial system, contracts, warranties, guarantees, consumer protection, real property, landlord and tenant relationships, sole proprietorship, partnerships, and corporations.

Business Management
BCM401
Grade Level: 11-12
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic year
This course provides an overview of business as well as the social and economic environments affecting business. Basic principles of organization and management as well as entrepreneurship and management skills and techniques are covered. Units of instructions include economics, finance, marketing, human resources and global competitiveness.

Economics (Distance Learning)

ECONOMICS/TEL-SSN4010T
Grade Level: 10-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester
The economics course is an elective one-semester course designed to acquaint students with the major concepts in the study of economics. Students study how scarce resources are allocated among competing demands. The production, distribution, and accumulation of wealth are discussed and analyzed. Supply and demand, business organization, money and banking, the role of the federal government, and comparisons among economic systems are major topics of study. Instructional activities will be provided that relate to the content of economics. Students plan and design budgetary graphs reflecting distribution of resources, investigate marketing techniques, and make analyses of the economic systems of several societies.

Personal Finance
BCA301
Grade Level: 9-12
Recommended: None
Length of Course: 18 Weeks/1 semester
Financial Management is a series of business lab modules designed to provide students with the survival skills needed to understand and adjust to the business world. Students select modules to complete an individual plan based on personal goals and interests. Modules topics may include the following: career opportunities, records management, personal finance, banking and financial services, credit management, consumer rights, savings and investments, insurance, calculator operations, interpersonal skills, taxes, resumes and job applications.

Marketing
BCM503
Grade Level: 11-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester
Marketing provides students the opportunity to learn about the field of marketing as it relates to business enterprise. Students will learn about the marketing mix, the functions of marketing, and the three basic foundations of economics, human resources, and capitalistic ventures, which marketing supports.

Career Education
Career Practicum
VEW301, VEW302, and VEW303
Grade Level: 9-12
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
The Career Practicum course is designed to offer students opportunities to acquire work experience and skills through on-the-job experiences. One aspect of Career Practicum is to help students better understand themselves through the actual employment of their skills and aptitudes in real-life settings. Another is to offer students opportunities to build confidence, esteem, and reliability.

School to Careers
VEZ304
Grade level: 9-12
Length of Course: 18 Weeks/1 semester
This course is designed to help students make smooth transitions from school classrooms to meaningful jobs and careers. Content focuses on basic skills, thinking skills, and personal qualities.

Computer Education

Word Process Software Application
BSB303
Grade Level: 9-12
Recommended Preparation: Keyboarding, Computer Applications
Length of Course: 18 Weeks/1 semester
Word Processing Software Applications provides students with the opportunity to develop professional level skills in word processing software. Students will be able to use world processing software to demonstrate a thorough understanding of inserting and modifying text, creating and modifying paragraphs, formatting documents, managing documents, working with graphics, and workgroup collaboration.

Presentation Software Application
BSB304
Grade Level: 9-12
Recommended Preparation: Keyboarding, Computer Applications
Length of Course: 18 weeks/ 1 semester
This course provides students with the opportunity to develop professional level skills in presentation software. Students will use presentation software to demonstrate a thorough understanding of creating a presentation, inserting and modifying text, inserting visual elements, modifying presentation formats, printing presentations, working with data from other sources, managing and delivering presentations, and workgroup collaboration.

Note: Microsoft Office Specialist (MOS) Testing and Voucher Program
This program gives DoDEA high school students the opportunity to take certification exams in Microsoft Word, Excel, Access and PowerPoint. Students passing these exams receive an industry recognized Microsoft certificate, which certifies proficiency in the utilization of Microsoft Office software products. MOS exam vouchers will be distributed to DoDEA schools according to the following guidelines:

-Vouchers are for a DoDEA high school student who (a) is enrolled in a MOS certification course or has recently (within the past two months) completed a MOS certification course, (b) has earned a passing grade on the designated pretest for the course, and (c) has not received a voucher for the requested certification exam. The MOS certification courses are for the following courses: Word Processing Software Application, Spreadsheet Software Application, Presentation Software Application and Database Software Application. Also, during the first year of implementation, students successfully completing Computer Applications II may receive vouchers.

AP Computer Science (Distance Learning)
APCOMPSCI AB/TEL-BCC5120T
Grade Level: 11-12
Recommended Preparation: Programming in C++
Length of Course: 36 Weeks/1 academic year
AP Computer Science course is an introductory course in computer science. A large part of the course is built around the development of computer programs or parts of programs that correctly solve a given problem. The course also emphasizes the design issues that make programs understandable, adaptable, and, when appropriate, reusable. At the same time, the development of useful computer programs and program modules is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. In addition, an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course.

Basic Programming I and II (Distance Learning)
BASIC PROG I/TEL-BCC3010T
VB PROG I/TEL-BCC3020T
Grade Level: 9-12
Recommended Preparation: None for Basic Programming I. Basic Programming I for Basic Programming II
Length of Course: 18 Weeks/1 semester
Structured Programming in BASIC II is a one-semester course that will use the Visual BASIC Language. The emphasis of this course is to write computer programs to solve complex problems. Students will analyze a problem, design a solution, write the program needed to solve the problem, test the program, and make the necessary corrections in the program. Activities will include hands-on programming, group and individual assignments, and special projects. At the end of the course, students will have learned how to: use structure charts to diagram algorithm design and program flow, demonstrate the use of arrays of singular and multiple dimensions to search and sort data, demonstrate the ability to use event oriented programming, and more. Basic Programming II builds on the fundamentals learned in Basic Programming I.

C++ Programming I (Distance Learning)
TEL-BCC4010T
Grade Level: 10-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester
C Programming is a semester course that teaches students initial C programming concepts. Along with learning about the features inherent to C, students will learn about fundamental and intermediate control structures, data types, arrays, graphics, and input/output procedures. Instructional activities will be provided in a laboratory setting where hands-on activities will be stressed. Students will analyze a problem, design a solution, write the problem code needed to solve the problem, test the program, and make the necessary corrections in the program. During the course, students will learn how to use the major components of the language editor: editor monitor, and compiler, utilize essential functions of the Disk Operating System (DOS) including subdirectory management, understand the general structure of the language, use nested loops, and more.

C++ Programming II (Distance Learning)
TEL-BCC4020T
Grade Level: 10-12
Recommended Preparation: C++ Programming I
Length of Course: 18 Weeks/1 semester
C++ Programming is a semester course that teaches students advanced C++ programming concepts. Along with learning about the features inherent to C++, students will learn about intermediate control structures, data types, arrays, classes, matrices, and sorting procedures. Instructional activities will be provided in a laboratory setting where

hands-on activities will be stressed. Students will analyze a problem, design a solution, write the programming code needed to solve the problem, test the program, and perform the necessary debugging procedures. During the course, students will learn how to utilize pointers subscript notation in dealing with array, use enumerated data types, use advance string functions and classes, use multi-dimensional arrays and matrices, and more.

Computer Service and Support
VEE309
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
This program is intended to prepare students for computer support careers. Students enrolled in this course will learn how to perform shop maintenance, repair computers, install operating systems and software, acquire employment skills, as well as operate a service and support business. The course will provide students with the concepts and skills necessary to achieve certification in PC repair and technical support. This follows the IT Essential A+ Certification outline and offers students the chance to take the A+ exam.

Cisco Networking I
Course Number: BCT502
Grade Level: 10-12
Recommended Preparation: Computer Applications
Length of Course: 36 Weeks/1 academic year
This course prepares students to become network engineers and prepares them for entrance into a technology career field or for further technology study. The program includes a complete range of basic and advanced networking concepts - from pulling cables through such complex concepts as subnet making rules and strategies.

Cisco Networking II
BCT602
Grade Level: 11-12
Recommended Preparation: Computer Applications
Length of Course: 36 Weeks/1 academic year
This second course prepares students to become network engineers and prepares them for entrance into a technology career field or for further technology study. The program includes a complete range of advanced networking concepts - from pulling cables through such complex concepts as subnet making rules and strategies.

Visual Basic Programming I
VB Prog I – BCC307
Grade Level: 9-12
Recommended Preparation: N/A
Length of course: 18 weeks/1 semester

Programming in Visual Basic I is a one-semester course that will use the Visual Basic Language. The emphasis of this course is to write computer programs to solve complex problems. Students will analyze a problem, design a solution and write the program needed to solve the problem, test the program and make the necessary corrections in the program. Activities will include hands-on programming, group and individual assignments and special projects. Students will use electronic learning services to access additional resources.

Visual Basic Programming II
VB Prog II – BCC407
Grade Level: 9-12
Recommended Preparation: N/A
Length of course: 18 weeks/1 semester
Programming in Visual Basic II is a one-semester course designed to be a continuation of VB I. The emphasis of this course is to write computer programs to solve complex problems. Students will analyze a problem, design a solution, write the problem needed to solve the problem, test the program and make the necessary corrections in the program. Activities will include hands-on programming, group and individual assignments and special projects.

Java I
BCC305
Grade Level: 9-12
Recommended Preparation: N/A
Length of course: 18 weeks/1 semester
Programming in Java is a one-semester course designed to teach students Java programming concepts using a structured approach. Students will develop Java applications and applets. Problem solving and program documentation will be emphasized. Students will analyze a problem, design a solution, write the program needed to solve the problem, test the program and make the necessary corrections in the program. Activities will include hands-on programming, group and individual assignments and special projects. Students may demonstrate the ability to communicate with instructor and peers via communications software.

Java II
BCC306
Grade Level: 9-12
Recommended Preparation: N/A
Length of course: 18 weeks/1 semester
Programming in Java II is a one-semester course designed to teach students advanced Java programming concepts using a structured approach. Students will develop Java applications and applets. Problem solving and program documentation will be emphasized. Students will analyze a problem, design a solution, writhe the program needed to solve the

problem, test the program and make the necessary corrections in the program. Activities will include hands-on programming, group and individual assignments and special projects. Students may demonstrate the ability to communicate with instructor and peers via communications software.

Database Software Application
BCB305
Grade: 9-12
Length: 36 weeks
Database Software application is designed to teach students about the various types of databases and the proper application of each type. Students will analyze a problem and the expected use of the data. They will design a solution, the type of database best applicable to the given data and expectations, test the design and make the necessary corrections. Activities will include group and individual assignments and special projects.

Website Development and Management
BCT 407
Grade Level 9-12
Recommended Preparation: Keyboarding, Fluency in Computer Science
Length of Course: 18 weeks/1 semester
Students will design, implement, and manage a web site. This is a hands-on laboratory course designed to teach students the concepts, skills and processes involved in web site development and management.

Imaging Software Application
BCB307
Grade Level: 9-12
Recommended Preparation: Keyboarding, Computer Applications
Length of Course: 36 weeks/ 1 academic year
This course provides students with the opportunity to develop professional level skills in imaging software. Students will be able to use imaging software to demonstrate a thorough understanding of file formats; using the work area and work spaces; importing, exporting and saving; working with sections; creating and using layers; using masks and channels; managing color, adjusting images; drawing and editing; painting; retouching; using actions; working with type; outputting to print; and outputting for the web.

Publication Software Application
Course Number: BCB308
Grade Level: 11-12
Recommended Preparation: Competency in Keyboarding, Must have completed Imaging Software application
Length of Course: 36 weeks
The course is designed for students with an interest in desktop publishing. This course

will prepare the student for the InDesign Certification Exam as well as provide training in the software for personal use, employment, and advanced education.

Drama

Drama-Theater
DRA301
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
This is serious course drama can be taken repeatedly for credit. Drama's true discipline will be practiced to manifest authentic education in drama. Subsequent courses are more rigorous that the courses before. The primary class is a performance course designed to engage students in the discipline and delivery of performance making them more confident to take the stage. Students will develop skills in improvisation, abilities in stage movement, exercise voice and diction, and produce acting pieces for performance. The intermediate round of the course concentrates on a deeper understanding of the skills and discipline involved in the art of acting. The course will involve students in vocal, physical, and emotional development of a character. The advanced round of the course is designed for advanced drama students who know the basic principles of acting and who want to build a performance portfolio (pieces prepared for performances on call). Students will perform pieces for the school and the community. Students interested in auditioning for the GHS drama team should sign up for drama class.

Foreign Language and Intercultural Education

French I
FLF301
Grade Level: 9-12
Recommended: None
Recommended Preparation: none
Length of Course: 36 Weeks/1 academic year
This course is designed to teach students to pronounce and recognize basic patterns of spoken French. Students learn to give simple oral and written information by using appropriate learned vocabulary, word order and grammatical forms. The basic four skills of communication are emphasized: speaking, listening, reading, and writing.

French II
FLF401
Grade level 9-12
Recommended Preparation: French I
Length of Course: 36 Weeks/1 academic year
This course is designed to teach students to complete tasks and perform activities using the French language. Students build upon their knowledge of basic vocabulary, word order, and grammatical forms. The course provides the opportunity to appreciate the

target culture. The basic four skills of communication are emphasized: speaking, listening, reading, and writing.

AP German (Distance Learning)
AP GERMAN LANG/TEL FLG6140T
Grade Level: 11-12
Recommended Preparation: German III
Length of Course: 36 Weeks/1 academic year
AP German seeks to develop language skills that are useful and that can be applied to various activities and disciplines rather than being limited to any specific body of subject matter. The need for extensive training in the organization and writing of compositions must not be overlooked. Instructional content will reflect intellectual interests shared by the students and teacher (the arts, current events, literature, sports, and so forth). In addition to standard textbooks and anthologies, materials might well include audio and visual materials, newspapers, magazines, and contemporary literature. Before entering AP German students should have a strong command of vocabulary and structure. Students should understand spoken German in various conversational situations. Students should read newspaper and magazine articles, contemporary fiction, and non-technical writings without the use of a dictionary.

Japanese I
FLJ301
Grade level: 9-12
Recommended Preparation: None
Length of Course: 36 Weeks/ 1 academic year
This course is designed to teach students to pronounce and recognize basic patterns of spoken Japanese. Students learn to give simple oral and written information by using appropriate learned vocabulary, word order and grammatical forms. The basic four skills of communication are emphasized: speaking, listening, reading, and writing. Cultural appreciation is also a very important component of this course.

Japanese II
FLJ401
Grade level: 9-12
Recommended Preparation: Japanese I.
Length of Course: 36 Weeks/1 academic year
This course is designed to teach students to complete tasks and perform activities using the Japanese language. Students build upon their knowledge of basic vocabulary, word order, and grammatical forms. The course provides continued opportunity to appreciate the target culture. The basic four skills of communication are emphasized: speaking, listening, reading, and writing.

AP Spanish (Distance Learning)
AP SPANISH LANG/TEL-FLS6150T
Grade Level: 11-12
Recommended Preparation: Spanish III
Length of Course: 36 Weeks/1 academic year
This course is intended to prepare students for the AP Spanish Exam. During the course, students will complete assignments that have been designed, based on various themes, to increase their vocabulary and to review and refine their knowledge of Spanish grammar. These assignments include participating in online discussions, completing writing and reading assignments, quizzes, practice AP tests, listening to tapes, CD's and video segments, and speaking via telephone to the teacher. Students will also be looking at actual essays and exams from previous years and analyzing the writing style and errors. In addition, students will be designing and researching topics of cultural interest which they will be sharing with the other students in the class via PowerPoint presentations or using other media. Students will demonstrate their knowledge through these various tasks, but ultimately, by taking the AP Exam in May. Completion of all assignments and demonstration of improvement and mastery of the various topics are major components of the students' final evaluations and grades.

Spanish I
FLA301
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic year
Spanish 1 is a study of the culture and language of Spanish at the beginning level. Students will begin by listening to and speaking Spanish words and phrases and progress to reading and writing complete sentences and paragraphs. Oral reports in Spanish are required for each chapter as well as chapter written activities, quizzes, tests and group activities. Correct pronunciation and the ability to relate information from each chapter orally and in writing will be stressed. Students will respond to oral and written cues using correct grammar, spelling, punctuation and capitalization. Students will investigate several aspects of the Spanish culture and will identify careers in which the Spanish language is used.

Spanish II
Course Number: FLS401
Grade Level: 9-12
Recommended Preparation: Spanish I
Length of Course: 36 Weeks/1 academic year
The Spanish II Course is designed to provide opportunities for students to study linguistic principles and language skills necessary for their development as foreign language speakers. This course will provide activities and experiences that will enable students to differentiate between the different Spanish speaking countries, as well as appreciate and value

their culture. Career opportunities will be briefly discussed to foster the awareness that the knowledge of a foreign language can be a useful tool in many professional situations.

Spanish III
Course Number: FLS501
Grade Level: 9-12
Recommended Preparation: Spanish II
Length of Course: 36 Weeks/1 academic year
The Spanish III Course is designed to reinforce the teaching of linguistic skills learned in Spanish II in order to increase students' development as foreign language speakers. During this course listening, speaking, reading, writing, and critical thinking skills become more spontaneous. Fluency in all skills will be emphasized. Translating and interpreting will be stressed in some of the activities in order to encourage students to start thinking in the target language.

Japanese Culture
ICJ301
Grade level: 9-12
Length of course: 36 weeks
The culture course is designed to acquaint students with the host nation's culture and values. It is also intended to expose students to the skills Involved in learning foreign languages. Students study key events in the history of the host nation with special attention given to the local environment, such as cities, historical monuments, and particular geographical features. Elements of art, music, religion, education, and recreational activities of the host nation are studied. Other areas of the host nation to be studied are the industrial aspects (imports, exports, etc.) as well as other unique customs and traditions of the host nation. Students learn about the agriculture and foods of the host nation. In addition to learning to appreciate and value the host nation's culture, students learn some of the host nation's language. Students gain enough basic, functional language to be able to communicate in their foreign environment. Useful idiomatic phrases and brief sentences and questions are understood and spoken. Students are able to read and write simple phrases, sentences, and brief paragraphs. The skill of simple translations is also practiced.

Health Education

Health I
HLH301
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester
This required course is designed to help high school students extend their conceptualization of knowledge, attitudes, and skills related to health issues learned in middle school. The focus is on students dealing with the world today and preparing for adult living based on a health and wellness ethic. Developmentally appropriate concepts of personal and

community health (PCH), safety (SFTY), mental health (MH), alcohol, tobacco, and other drugs (ATOD), and family life and human sexuality (FLHS), are taught in this course. Students will utilize health education concepts when applying health information literacy skills, enhancing interpersonal and interpersonal communications, analyzing internal and external influences, and applying thinking, self-management, and advocacy to promote wellness and reduce health risks.

Health (Distance Learning)
HEALTHEDI/TEL-HLH3010T
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester
The Health I course is designed to provide students with comprehensive information about contemporary health topics including mental and emotional health, growth and development, food and nutrition, exercise and fitness, safety and first aid, and more. This course assists students in acquiring the knowledge and skills necessary to become independent adults and achieve optimum health. Course content will focus on attitudes and behavior and their effect on social and physical health.

Navy Junior ROTC

Naval Junior Reserve Officers Training Corps I
VEV301
Grade level: 9 – 12
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic year
The purpose of this course is to introduce students to the precepts of citizenship, the elements of leadership and the value of scholarship in attaining life goals. This course is also designed to engender a sound appreciation for the heritage and traditions of America, with recognition that the role of sea power will be important in America's future, and develop in each cadet a growing sense of pride in his/her organization, associates and self. These elements are pursued at a fundamental level. Course curriculum includes weekly physical training at the basic level.

Naval Junior Reserve Officers Training Corps II
VEV401
Grade level 10 – 12
Recommended Preparation: NJROTC I
Length of Course: 36 Weeks/1 academic year
The purpose of this course is to further develop the cadet's leadership skills and teamwork. Students will be given increased responsibility and will be required to formulate plans and execute them. Students will obtain a basic knowledge of naval history, land navigation, and an increased level of physical training.

Naval Junior Reserve Officers Training Corps III
VEV501
Grade level 11 – 12
Recommended Preparation: NJROTC II
Length of Course: 36 Weeks/1 academic year
The purpose of this course is to further develop the trait of leadership in students and introduce cadets to the vital importance of military justice, international law, and continue with the instruction of Naval Science to include astronomy, meteorology, weather, and the maneuvering board. The course will also provide the students with an understanding of the facets of sea power, national security, and naval history. Physical training levels will be increased with the cadets taking on responsibilities for the units training.

Naval Junior Reserve Officers Training Corps IV
VEV601
Grade level: 12
Recommended Preparation: NJROTC III
Length of Course: 36 Weeks/1 academic year
This course is designed to build on the basic qualities of a good follower and an effective leader provided in Naval Science 1, 2, and 3, and to take a more in-depth look at what leadership is; and how to maximize your abilities in the areas of leadership. Students will take on added responsibilities for the planning and execution of unit events.

Language Arts

AP English Language and Composition
LAC614
Grade Level: 11
Recommended Preparation:
Length of Course: 36 Weeks/1 academic year
A college-level course designed not only to prepare students for the rigors of academia, but also for the students to receive college credit while still in high school. This course centers specifically on the use of language and the ability to compose writings of a collegiate nature. Therefore, students study good writing, learn all the terms and grammar requisites for good writing, and write, write, write. As this is a class for the eleventh grade, students also study American Literature.

AP English Literature
LAL613
Grade Level: 12
Recommended Preparation: Completion of English 11
Length of Course: 36 Weeks/1 academic year
A college-level class designed to acclimatize high school students to college course,

requirements, and expectations. It is an anthology class covering all of English Literature from Beowulf to Godot. The major emphasis of the class is to prepare students for the AP exam in May so that the student will pass with a grade equivalent that will enable the student to receive college credit. In order to achieve this, the course stresses literary terms, literary critiques, and college-level writing.

English as a Second Language
LAA301~601
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic year
This course is designed to develop the ESL students' skills in reading, writing, speaking, and listening to the language of English. To accomplish this, students will do language exercises that culminate in final projects, either essays or presentations.

Honors Literature 9/World History 9
LAE371 & SSW371
Grade Level: 9
Note: Students must enroll in both courses. This serves as a preparation course for AP English.
Length of course: 1 academic year/ 36 weeks
This block of instruction will provide an interdisciplinary opportunity for students to explore chronological and thematic perspectives of World History and Literature from the time of ancient civilization through the Renaissance. This course features a strong focus on student research and interdisciplinary connections concerning world conditions which have shaped and changed governments, societies and concepts of world communities. Goals of classroom activities include an emphasis on analytical and interpretative thinking, writing, discussion, speaking, and research activities. This course provides an excellent interdisciplinary course for motivated, college-bound students and will lead into the Honors English 10/Honors World History 10 course.

Honors Literature/World History 10
Grade Level: 10
Note: Students must enroll in both courses.
Length of Course: 36 Weeks/1 Academic Year
This block of instruction will provide an interdisciplinary opportunity for students to explore chronological and thematic perspectives of World History and Literature. The course features a strong focus on student research and interdisciplinary connections concerning world conditions which have shaped and changed governments, societies and concepts of world communities. Goals of classroom activities include an emphasis on analytical and interpretive thinking, writing, discussion, speaking, and research activities. This course provides an excellent interdisciplinary course for motivated, college-bound students.

Language Arts 9
LAE301
Grade Level: 9
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic year
This course is designed to strengthen students' skills in listening, speaking, writing, and literature. The content includes practicing the process of composition, reading teacher selected short stories, prose, and poetry, reading self-selected books and participating in a variety of research, "hands on", and oral activities designed to enhance the acquisition of reading and writing skills.

Language Arts 10
LAE401
Grade Level: 10
Recommended preparation: Language Arts 9
Length of course: 36 Weeks/1 academic year
Four rhetorical styles of writing are taught during the year: Autobiographical, Report of Information, Problem/Solution and Observation. Students will learn to format papers and bibliographies in American Psychological, and Modern Language Association styles. One major literary work of Shakespeare and one modern novel will be read and discussed. An electronic portfolio will be produced as a compilation of student work. Classes are interactive; and listening, classroom, discussion, writing and speaking are encouraged.

Language Arts 11
LAE501
Grade Level: 11
Recommended Preparation: Language Arts 10
Length of Course: 36 Weeks/1 academic year
In Language Arts 11 students will develop their critical thinking skills through reading, writing, speaking, and listening. Activities will often allow students to follow both creative as well as traditional approaches to completing assignments. Opportunities for peer interaction will be provided through cooperative group work and student evaluations.

Language Arts 12
LAE601
Grade Level: 12
Recommended Preparation: Language Arts 11
Length of Course: 36 Weeks/1 academic year
This is an English Literature anthology course, which covers the major literary movements and authors from Beowulf to the 20th -- century. Students are required to know and understand a limited number of literary terms, read and appreciate certain literary works from each literary era, and write a knowledgeable, cohesive and coherent term paper.

Speech
LAS401
Grade Level: 9-12
Recommended Preparation: Composition experience
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
This course is designed to develop students' abilities in public speaking covering the ability to compose well thought-out and interesting speeches, and the ability to deliver speeches with composure and confidence. Students will immediately study speech composition and the delivery of 6 different types of speeches.

Journalism
LAJ401
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
The Journalism course is designed to provide students with the practical application of journalistic techniques through various types of journalistic writing, reporting, and preparation of the laboratory newspaper. The content includes, but is not limited to, practicing the process of writing and reporting, including the interview, prewriting, drafting, revising, proofreading, and publishing; and reading local newspapers to remain informed; practicing the Journalists' Code of Ethics.

Reading Lab
RED 305- Grade 9
RED 405- Grade 10
RED 505- Grade 11
RED 605- Grade 12
Grade Level: 9-12
Length of course: 36 weeks
This course is designed to improve reading achievement for students not reading at grade level through the use of a whole group instructional model with small group rotations:
Whole Group Literacy Instruction with technology support providing models and Lexile leveled text passages for instruction

- Modeled or independent reading using leveled literature to model or practice good reading strategies

Small Group instruction provides daily student-teacher interaction to build skills that facilitate the reading of increasingly complex materials. Examples include:

- Vocabulary Development-general, technical, content-specific
- Following Directions at increasingly complex levels
- Drawing Conclusions
- Using Effective Study Skills-note taking, outlining, graphic organizers
- Reading for Recreation and Problem Solving

Major topics to be studied include the essential components or reading: vocabulary devel-

opment, building fluency, comprehension, and structural analysis, study/reference skills and reading in the content areas.

Language Arts Lab
LAE 305- Grade 9
LAE 405- Grade 10
LAE 505- Grade 11
LAE 605- Grade 12
Grade Level: 9-12
Length of course: 36 weeks
This course is designed to improve reading, writing, speaking, and listening skills of students not achieving at grade level.
Students will read to learn by:
· Connecting text to prior knowledge.
· Understanding text structure to analyze and respond to literature.
· Using text processing strategies "before", "during", and "after" reading to build a foundation for a text, make sense of reading as it occurs, and to synthesize, apply, evaluate, or bridge understanding.
Students will increase skill and confidence in writing by:
· Using the Writing Process…prewriting, drafting, revision, editing, and publishing.
· Practicing timed writing.
· Taking notes on literature.
· Reflecting, discussing, and evaluating writing assignments.
Students will increase confidence and ability to articulate and support ideas by:
· Engaging in both formal and informal presentations.
· Learning how to be active listeners.

Mathematics

Algebra I
MAA304
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic year
This course emphasizes the processes of problem solving, reasoning, communication and making connections. Students will use formulas, functions, and equations to describe 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.

Algebra II
MAA401
Grade Level: 9-12
Recommended Preparation: Algebra I and Geometry
Length of Course: 36 Weeks/1 academic year
This course will help students to view Algebra as a language of modeling the real world through problem solving and using the language of manipulating symbols. Students will make connections by integrating Algebra into Geometry, data analysis, and other curricular areas. Student reasoning will involve linear equations, systems of linear equations, matrices and determinants, quadratic equations and relations, functions and graphs, powers, roots and radicals, exponential and logarithmic functions, polynomials and polynomial functions, rational expressions and functions, sequences and series, probability and statistics, and circular trigonometric functions.

AP Calculus
MAC612
Grade Level: 11/12
Recommended Preparation: Algebra I/II, Geometry, Advanced Math
Length of Course: 36 Weeks/1 academic year
The standards for AP Calculus incorporate the syllabus of the College Board for this course. Students are engaged in authentic applications involving limits and continuity, derivatives, integrals, transcendental functions, and infinite series. Graphing calculators are required for this course as mandated by the College Board. Students should be encouraged to talk about the mathematics of change in calculus, to use the language and symbols of calculus to communicate, and to discuss problems and methods of solutions.

AP Calculus AB and BC (Distance Learning)
APCALC AB/TEL-MAC6120T
APCALC BC/TEL-MAC6130T
Grade Level: 12
Recommended Preparation: Algebra I, Algebra II, Geometry, and Mathematical Analysis
Length of Course: 36 Weeks/1 academic year
AP Calculus is the final step in the mathematical career of High School. Both courses are designed to further the mathematical knowledge of the student by building on the fundamentals learned in Algebra II and Mathematical Analysis. During this course, students will learn how to analyze graphs, use derivatives to help solve equations, apply integrals to daily usage, and apply the fundamental theorems of calculus. Course AB works through

the first 10 chapters of the Calculus book, whereas Course BC works through the entire course.

Geometry
MAG401
Grade Level: 9-12
Recommended Preparation: Algebra I
Length of Course: 36 Weeks/1 academic year
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.

Mathematical Analysis
MAD501
Grade Level: 10-12
Recommended Preparation: Algebra I/II, Geometry
Length of Course: 36 Weeks/1 academic year
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 theory, rates and areas, statistical inferences, 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 of equations with real-world situations. Reasoning in trigonometry, probability, discrete mathematics, mathematical structure, and the conceptual underpinnings of calculus is a major emphasis in this course.

AP Statistics
MAZ611
Grade Level: 10-12
Recommended Preparation: Algebra I/II
Length of Course: 36 Weeks/1 academic 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 the four following broad conceptual themes: exploratory analysis of data makes use of graphical and numerical techniques to study patterns and departures from patterns; data must be collected according to a well-developed plan if valid information on a conjecture is to be obtained.; probability is the tool used for anticipating what the distribution of data should look like under a given model; statistical inference guides the selection of appropriate models.

Algebra Lab
MAA305X1
Grade Level: 9-12
Length of course: 36 weeks
This course will provide reinforcement and enrichment in both algebraic and geometric concepts. The
class will include review exercises, homework support, hands-on activities, and real-life math
applications on a daily basis. Activities will focus on the process of solving problems using graphing
calculators, algebra tiles, equation blocks, sketchpad, and computer tutorials.

Geometry Lab
MAG303X1
Grade Level: 9-12
Length of course: 36 weeks
This course will provide reinforcement and enrichment in both algebraic and geometric concepts.
The class will include review exercises, homework support, hands-on activities, and real-life math
applications on a daily basis. Activities will focus on the process of solving problems using graphing
calculators, algebra tiles, equation blocks, sketchpad, and computer tutorials.

Discrete Math
Recommended preparation: Must have completed Algebra I and Geometry
Length of course: 36 weeks/ 1 academic year
Grade level: 10-12
An applications driven course that is based upon the study of how math is applied in real-life events such as determining outcomes of votes in case of a tie, find most efficient paper routes, or dividing an estate fairly. The major areas of study are counting and probability, graph theory, game theory, mathematics of social choice (voting and fair division) and coding and encryption. The class routines includes individual and group projects, presentations, on-line research and writing reports, discussion and debate, reading and solving of word problems.

Music

Advanced Band
MUI303
Grade Level: 9-12
Recommended Preparation: 1 to 2 years of beginning and intermediate band
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
This course is for students who have successfully completed at least one to two years of a

lower level band course. Many students who enroll have 5-6 years previous experience. Instrumentation is limited to those instruments used in a standard wind ensemble. Emphasis in the class is on preparing advanced level band music for performance in public concerts. The course will also cover intermediate level music theory and selected topics in music history from early Greek music to modern times.

Advanced Chorus
MUV302
Grade Level: 9-12
Recommended Preparation: 2 or more years of beginning or intermediate chorus
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
This course is for students who have successfully completed at least one to two years of a lower level choir course. Many students who enroll have 5-6 years previous experience. Emphasis in the class is on preparing advanced level choir music for performance in public concerts. The course will also cover intermediate level music theory and selected topics in music history from early Greek music to modern times.

Beginning Band
MUI301
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
This course is for students who have no previous experience playing a band instrument, or to those with limited experience who wish to refine their skills before taking advanced band. Emphasis is on learning the fundamentals of playing a band instrument. CHOICE OF INSTRUMENTS DEPENDS ON AVAILABILITY. The band director will tell you which instruments are available. The course will also cover beginning level music theory and selected topics in music history from early Greek music to modern times.

Beginning Chorus
MUV302
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
This course is for students who have no previous experience in chorus or those with limited experience who wish to refine their skills before taking advanced chorus. Emphasis is on learning the fundamentals of singing in a group and includes some public performances. The course will also cover beginning level music theory and selected topics in music history from early Greek music to modern times.

Guitar I
MUS301
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
This course is for students who have no previous experience in music or those with limited experience who wish to refine their skills. Emphasis is on learning the fundamentals of guitar playing. Elementary music reading will be covered as well as learning how to play "rhythm" guitar by reading chord symbol notation and rhythms. The course will also cover beginning level music theory and selected topics in music history from early Greek music to modern times.

Jazz Ensemble I-IV
MUI304
Grade Level: 9-12
Recommended Preparation: Beginning and Intermediate band
Length of Course: 36 Weeks/1 academic year
This is an advanced level course. Students should have 2 or more years of band classes or equivalent (ex: private instruction). All students enrolled should be able to read music. INSTRUMENTATION IS LIMITED TO THAT OF A STANDARD JAZZ ENSEMBLE. This includes trumpets, trombones, saxophones, piano, one bass player, one drummer and one guitar player. Guitar and drum players should be proficient at reading chord symbols and rhythmic notation. Emphasis in the class is on preparing advanced level jazz band music for performance in public concerts. The course will also cover advanced level music theory with an emphasis on improvisation and selected topics in music history from early Greek music to modern times, with an emphasis on jazz history.

Computer Music
MUC301
Grade Level: 9-12
Length of course: 18 weeks
Note: Instructor's permission required
This 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.

Piano
MUS 105
Grade Level: 9-12
Length of course: 36 weeks
Note: Instructor's permission required
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; develop-

ing listening skills; reading, writing, and playing notation in bass and treble clefts; 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.

Physical Education

Elective Physical Education
PEG402-409
Grade Level: 10-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
Courses Offered: Combative Sports (Marshall Arts, Self-Defense, Wrestling, Conditioning.
Combative Sports (Marshall Arts, Self-Defense, Wrestling)- This semester course is designed to enable students to continue to develop the movement skills and conceptual knowledge in wrestling, self-defense, and marshall arts and also focuses on learning and improving the motor skills and tactical knowledge unique to wrestling, self-defense, and basic marshall arts. For example, practicing specific conditioning activities, tumbling and fundamental drills performed on the mat. Plus, learning and executing the mechanic of fundamental take downs and self defense moves.
Conditioning (Strength training, Weight Training, Cardio-Vascular Conditioning and Stretching)- Designed to enable students to develop the movement skills and conceptual knowledge of advanced resistance training with free weights, exercise machines and physical conditioning. The course focuses on individual weight training with emphasis on body building and body shaping. Plus, improving the motor skills and knowledge of body composition, muscle strength, muscle endurance, flexibility and cardio-vascular conditioning required for designing one's personal training program.

PE/ Lifetime Sports
PEL301
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester
Lifetime Sports is designed to lead students to value physical fitness and exhibit a physically active lifestyle, applying appropriate physical activity and fitness concepts and attitudes to the development of a health-enhancing level of physical fitness. Students will learn the cognitive information about physical activity and fitness concepts and be involved in learning experiences that help them apply appropriate concepts, skills, and attitudes to all of their physical activities and fitness experiences. Positive physical activity related attitudes and behaviors developed in youth could significantly contribute to an enjoyable

lifetime of health and wellness. Thus, in a society that is stress-ridden, sedentary, and computerized, physically active people can develop less heart disease, cancer, and diabetes than their inactive counterparts.

PE/ Personal Fitness
PEF301
Grade Level: 9
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester
Personal Fitness is a combination of academic and activity course designed to familiarized students with the concepts of physical fitness and knowledge about the purpose of physical education emphasizing the development of movement, physical activity and fitness, and responsible personal and social development. The lecture portion will provide presentations and discussions on different exercises and sports. Students will be expected to participate in a variety of physical activities. Pre and Post testing will be performed in the areas of muscle identification and exercise machines used to develop the different muscle parts, 5 components of physical fitness, and different training principles (ex: principle of overload, principle of progression, and principle of specificity).

Health Care Services
HEZ501
Grade Level: 11-12
Recommended Preparation: None
Length of Course: 18 Weeks/ 1 semester
This course is designed to develop student's personal qualities, communication skills, and basic health care skills for application to a career in the health care profession. Students will be provided the opportunity to acquire First Aid and CPR certifications. The course integrates understanding pf basic health care systems and health care careers. Also included are applications of fundamental math principles to health care situations; understanding safe work practices as they relate to the prevention of illness or injury to clients, co-workers and self; and demonstrating understanding through written and oral practice.

Pupil Personnel Services

Learning Strategies
AAC331
Grade level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
This course for 9th to 12th graders is designed to assist students in learning study skills across the curriculum as well as organizational skills needed for success in the regular classroom. Students utilize their assignments from their classes to work through the process of organizing both materials and information in addition to learning how to apply a variety of study skills across the curriculum. The main objective of the course is to allow

the student to learn the skills necessary for success in the regular classroom.

Science

AP Biology
SCB612
Grade Level: 10-12
Recommended Preparation: Biology and Chemistry
Length of Course: 36 Weeks/1 academic year
This course is 2 semesters and is a detailed, college-level course covering organic chemistry, cellular energies, molecular and Mendelian genetics, evolution, plant and animal physiology, and ecology. Students are encouraged to take the AP Biology Exam in May, near the conclusion of the course.

AP Chemistry
SCC612
Grade Level: 11-12
Recommended Preparation: Completion of General Chemistry and Algebra I
Length of Course: 36 Weeks/1 academic year
Guam High School's AP chemistry program is designed to provide students with a first year college chemistry experience, both conceptually and in the laboratory. Emphasis is placed on problem solving both on paper and in the laboratory. Students will take approximately seven practice examinations in preparation for the AP chemistry national test giving in May of each year.

AP Physics B (Distance Learning)
APPHYSICS B/TEL-SCP6120T
Grade Level: 11-12
Recommended Preparation: Physics I
Length of Course: 36 Weeks/1 academic year
This course provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem-solving ability using algebra and trigonometry, but rarely calculus. In most colleges, this is a one-year terminal course and is not the usual preparation for more advanced physics and engineering courses. However, the B course provides a foundation in physics for students in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science. The Physics B course includes topics in both classical and modern physics. Knowledge of algebra and basic trigonometry is required for the course; the basic ideas of calculus may be introduced in the theoretical development of some physical concepts, such as acceleration and work.

Biology
SCB401
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic year
This course is focused on key concepts of biology. To foster life long learning, the aim of this course is to help students develop scientific literacy. Concepts will be taught in thematic units. Units that will be taught this year are Safety, Experimental Design, Cell Biology, Genetics, Evolution, Diversity of Life, and Ecology. Students will engage in both collaborative and individual projects.

Chemistry
SCC501
Grade Level: 10-12
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic year
The chemistry program is designed to provide students with a general high school chemistry experience, both conceptually and in the laboratory. Emphasis is placed on problem solving both on paper and in the laboratory. Laboratories will be based and related to topics covered.

Chemistry Applications in the Community
SCC502
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic year
This is an entry-level course 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. Major concepts include water quality, chemical resources, petroleum studies and organic chemistry, nuclear chemistry, atmospheric chemistry and industry. Content is integrated into the above units and includes, but is not limited to: states of matter, bonding, particle analysis, periodic studies, atom interaction, molarity, formation of organic compounds, radioactive decay, and chemical law.

Environmental Science
SCZ401
Grade Level: 10-12
Recommended Preparation: Biology
Length of Course: 36 Weeks/1 academic year
Students taking this class should realize that it requires them to be active participants in

a number of long-term projects. They will be required to design and conduct research projects that will be presented in a final written and oral presentation to the rest of the class. They will also be required to participate and help implement a school-wide recycling program, as well as collect and identify plants and insects in a large portfolio-type of project (insect collections necessitate killing small numbers of insects for eventual display).

Human Anatomy and Physiology
SCX401
Grade Level: SCB612
Recommended Preparation: Biology I
Length of Course: 36 Weeks/1 academic year
Description: This course is 2 semesters and is a detailed study of the structure and function of the human body. Videos, labs, Internet activities and research projects will supplement the textbook.

Physics Application in the Community
Grade Level: 9-12
Length of course: 36 weeks/1 academic year
Physics Applications in the Community is designed to engage a wider range of students in a hands-on, activities-based approach to learning. Linking the concepts of physics with student's connections to technology profoundly influences their perceptions of our universe, our society, our interaction with the environment, and themselves. This course serves to bridge theory and the real world. This course also provides a background and preparation for further academic studies, career training in the sciences, technologies, and trades.

Marine Biology
SCZ602
Grade Level: 10-12
Recommended Preparation: Biology
Length of Course: 36 Weeks/1 academic year
Marine Biology is always a more difficult class than most students expect, and this is because it is interdisciplinary, combining elements of geology and physical science (formation of the Earth, plate tectonics, the effect of the Earth's rotation on climate, the effect of sun and moon on tides), basic principles in Biology and Chemistry (concepts such as photosynthesis and respiration, pH and buffering, and the basic properties of water such as polarity, solubility, adhesion and cohesion of water molecules, and how water retains heat), as well as a study of basic botany (marine plants) and zoology (other marine organisms). This means that there is a great emphasis on learning a new scientific language, and this is not necessarily easy. 90% of the course will be in the classroom, combining lectures with quizzes, labs and study periods, 10% will be in the field. Students will study near-shore reef environments during a number of field trips. During these trips they will be expected to use snorkeling gear to observe and collect a number of different plants and

animals for display and observations in the classroom aquaria. They will not need to know how to swim, but being comfortable in the ocean is a good attribute to have. Students will keep a journal of their observations. They will be expected to practice working together as a group, and to help make sure that everyone is practicing safe lab and fieldwork techniques.

Physics
SCP501
Grade Level 10-12
Recommended Preparation: Introduction to Physics, Algebra II and Geometry
Length of Course: 36 Weeks/1 academic year
The students of this course will design and conduct scientific investigations revealing the mathematical relationships between matter and energy. Technical writing will be used to communicate scientific procedures and explanations of natural phenomena. The role of science in society will be examined within the context of major historical events, biographical sketches of Newton and Einstein, and predictions of the future of scientific discovery.

Scientific Research (Distance Learning)
SCIEN RESEARCH/TEL-SCZ3010T
Grade Level: 01-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
The Scientific Research course is designed to allow students to gain knowledge in the collecting and interpreting of scientific data. Students will be provided with mentors from experienced researchers, as well as becoming involved in brainstorming and conferencing with students and adults who have similar research interests. Students will have quick and easy access to information via databases and learn how to use software to assist in the creation of graphic analysis, statistics, and data analysis. The majority of the course will be conducted on-line.

Social Studies

AP U.S. History
APUSHIST/TEL-SSU6110T
Grade Level: 11-12
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic year
This class is designed to fulfill the graduation requirement for U.S. History and to prepare advanced students to take the AP U.S. History test in May. Students will explore U.S. History in depth, from exploration to the present day. They will be required to assess historical materials, weighing the evidence and interpretations presented in historical scholarship in order to analyze the relevance of the materials to a given interpretive problem as well as the reliability and importance of the materials. The major evaluative tool will be

tests, both objective and subjective, but quizzes and homework/class work assignments will count as well. The class will require a great deal of outside reading. The preparation phase will culminate in May, with the AP test. The remainder of the semester will be spent in completing an assigned project.

Humanities (Distance Learning)(Fine Arts Elective)
HUMANITIES/TEL-HUH4010T
Grade Level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester OR 36 Weeks/1 academic year
The humanities course is designed to be an integrated study of history, literature, language, philosophy, the visual arts, theater, 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. Instructional activities will be interdisciplinary in focus, drawing content, examples, and resources from a variety of curriculum areas. Emphasis is placed on the arts, including theater, the visual arts, dance, music, architecture, film, and television. Activities also emphasize the resources of the diverse cultures where DoDEA schools are located

Pacific Cultures (History of Guam)
ICZ301
Grade level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester
This course is a brief overview of the history of Guam. It begins with the formation of the island from an undersea volcano to the migration of the ancient Chamorro people, animals and plants, to the eras of the island, Spanish-Chamorro war, Spanish-American war, Americanization of Guam, World War II and modern day Guam. Students explore the island through culture, myths and folklore and study the islands political destiny. This class is also instrumental in hosting the annual Chamorro Day activities celebrated school wide.

Psychology
SSP501
Grade Level: 11-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester
Psychology is a one-semester elective/social studies course offered at the eleventh and twelfth grades. The course focuses on the study of the behavior of human beings with emphasis on the following: physical characteristics, cognitive activity, emotional states, and social interaction. Students will study stages of human development, motivational theory, theories of personality, and mental wellness and illness. Students will participate in scientific investigation in this course.

Street Law
SSZ303
Grade level: 9-12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester
This is a course in practical law that provides practical information and problem solving opportunities that develop in students the knowledge and skills necessary for survival in our law-saturated society. The curriculum includes case studies, mock trial, role-plays, small group exercises and visual analysis activities. The course outcome is to promote in students a willingness and capability to participate effectively in the legal and political systems.

United States Government
SSG601
Grade Level: 12
Recommended Preparation: None
Length of Course: 18 Weeks/1 semester
United States Government provides students the opportunity to examine American governmental institutions, such as the courts, and process, such as elections. Major emphasis will be on structure of the federal government and role and responsibilities of the citizens. Specific topics include U.S. Constitution and Bill of Rights, rights of trial, civil liberties, First Amendment rights, federal finances, three branches of government, and study of state/local government.

AP Gov't/Politics
SSG612
Grade Level: 12
Course Length: 36 weeks/1 academic year
A well-designed AP course in U.S. 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. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. 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. The following is an outline of these topics that should be explored in the course.
I. Constitutional Underpinnings of United States Government
II. Political Beliefs and Behaviors
III. Political Parties, Interest Groups, and Mass Media
IV. Institutions of National Government
V. Public Policy
VI. Civil Rights and Civil Liberties

United States History
SSU501
Grade level 11-12
Recommended Preparation: 8th grade United States history
Length of Course: 36 Weeks/1 academic year
This course for 11th graders is designed to survey United States history from Reconstruction to the present. Both basic and advanced social studies skills receive emphasis. The course builds on eighth grade U. S. history. The first quarter is a review and expansion of pre-Civil War United States history. The remaining quarters concentrate on post-Reconstruction to the present. Essential objectives of the course: to identify major events of U. S. history, to identify current problems and national priorities, to describe economic patterns and major social movements in the U. S., to compare the U. S. role in both World Wars and the post-war periods, and to examine modern relationships among the three branches of government.

Anthropology
Course Code: SSA 501
Grade Level: 11-12
Course length: 18 weeks/1 semester The anthropology course emphasizes the study of early and contemporary human beings in relation to culture and physical environment. Students study language development, social institutions, religion, the arts, physical and mental traits, and similarities and differences among cultures.

World History
SSW401
Grade level: 9-12
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic year
The course is the study of the history and development of language, writing, science, math, astronomy, medicine, religion, government, literature, warfare, technology, architecture, lifestyles, education, art, the role of the church, the role of women, cities, housing, clothing, hunting, farming, the judicial system, sailing, cultural diffusion, migration and inventions. Students will engage in projects that will make connections to current life situations.

Honors World History
Length of course: 36 weeks/1 academic year
Designed to provide interdisciplinary opportunities for students to explore in-depth chronological and thematic perspectives of World History and World Literature. Honors course grades will not be weighted. Students must enroll in Honors English 10 concurrently.

World Regions
SSC301
Grade level: 9
Recommended Preparation: None
Length of Course: 36 Weeks/1 academic year
World Regions is a survey course. The year-long focus is to create a learning environment where students explore cultures, history, current world issues, geography, and the relationship it has with their own world and experiences. Students use multiple resources to better educate themselves in these areas. These include, though not limited to, the following: World Regions textbook, reference books, Internet, cultural films and documentaries.

Technology Education

Engineering Drawing/CADD
TED3O3
Grade Level: 10-12
Recommended: One or more high school computer courses
Length of Course: 18 Weeks/1 semester
Designed to provide beginning students with instruction and skills in drawing and design fundamentals through some use of manual drafting equipment and extensive use of AutoCAD software (2-D drawings and an introduction to 3-D) on computers. The content includes, but is not limited to, technical sketching, pictorial drawings, orthographic projections, and working drawings for construction and manufacturing. CAD drawings will be done using lines, surfaces and solids. Much of the AutoCAD part of the course is tutorial in nature. It is strongly recommended that aspiring engineering students, architects, and designers take this course.

Video Communication I
Course Code: PTV301
Prerequisites: Basic Computer course
Grade Level: 10-12
Course Length: 36 weeks/1 year
This hands-on technology course is designed to provide students with instruction and basic skills in the use of technological terms, equipment, resources and systems commonly found in audio-visual production. The content typically includes a brief history of communication technology developments, including still photography and audio recording. Hands-on activities include videotaping and editing analog and digital video while doing commercials, documentaries, “how-to” videos and news programs. Students will investigate content areas and/or content-related occupations and work cooperatively in small groups.

Video Communication II
Course Code: PTV401
Grade Level: 10-12
Prerequisite: Video Communication I
Length of course: 36 weeks/ 1 year
This one-year course is designed to build on the Video Production I course, to further develop skills in video techniques and non-linear video editing with more advanced software such as Final Cut Pro and Adobe Premiere Pro. Students will take on small-group projects including sporting events, school productions, teacher demonstrations, school news shows, and a DVD yearbook supplement. Guest speakers and fieldtrips will be utilized to add realism.

Video Communication III
Course Code: PTV501
Grade Level: 10-12
Prerequisites: Video Communication I and II and special permission from the instructor.
Length of courses: 36 weeks/ 1 year
This one-year course is designed to build on the Video Production I and II courses, to further develop skills in video techniques and non-linear video editing with advanced software and video techniques. Students will take on original small-group projects as well as direct service projects such as school news shows and a DVD yearbook supplement. Guest speakers and fieldtrips will be utilized

Video Art
ARV301
Grade Level: 9-12
Course Length: 18 weeks/ 1 semester or 36 weeks (one academic year)
The video art course provides students with a comprehensive video arts programs that emphasizes video production as an art form. Students create original video productions using equipment that generates, processes, or alters electronic visual and aural images. This equipment includes the video camera, recorder computer, special effects generator and editing machines. It also includes equipment that reproduces or synthesizes sound effects and music, such as CD and tape players and electronic keyboards. Students use the video medium to effect personal or social expression through visual/aural images, to create videos with aesthetic goals, and to convey information about the visual or performing arts.

Computer Aided Manufacturing (Lab Volt, QC, E&E, AM)
TED501
Grade Level: 10-12
Course length: 18 weeks/1 semester
Prerequisites: Engineering Drawing/CAD and Principles of Engineering

This self-paced course introduces students the technology systems, tools, materials and processes of industry through computer and teacher instruction and hands-on, real-world activities. There are three major areas of computer-guided, individualized study: Quality Control, Manufacturing Processes, and Electricity-Electronics.

Computer-Aided Manufacturing II
Course Code: TED 502
Grade Level: 10-12
Prerequisites: Engineering Drawing/CAD, Principles of Engineering, and Computer-Aided Manufacturing I
Length of Course: 18 weeks (one semester)
This self-paced course picks up where Computer-Aided Manufacturing I leave off and takes students deeper into the technology systems, tools, materials and processes of industry through computer and teacher instruction and hands-on, real-world activities. The three major areas of computer-guided, individualized study are still Quality Control, Manufacturing Processes, and Electricity-Electronics.

Architectural Drawing/CADD
Course Code: TED 305
Grade Level: 10-12
Recommended: Engineering Drawing/CAD (TED 303) and Principles of Engineering (TEZ301)
Length of Course: 36 weeks (one academic year)
The architectural drawing/CAD (computer-aided drafting) course is designed to provide students with instruction and skills in drawing and design of buildings through the extensive use of AutoDesk's Architectural Desktop software in a computer lab environment. The content includes, but is not limited to, technical sketching, pictorial drawings, orthographic projections, and working drawings for architecture. Students will build walls, add windows, doors, stairways, porches, furniture, etc. Students will learn how to add sections, elevations, door and window tags, and schedules of materials Most of the Architectural Desktop course is tutorial in nature. It is strongly recommended that aspiring engineering students, architects, and designers take this course.

Principles of Engineering
Computer Code: TEZ301
Grade Level: 10-12
Recommended: Completion of Engineering Drawing /CAD (TED303)
Length of Course: 18 weeks
The Principles of Engineering course picks up where the Engineering Drawing/CAD class leaves off. It is designed to provide students with instruction and skills in drawing and design fundamentals through extensive use of AutoCAD software (Mostly 3-D solids and the Inventor software) on computers. The content includes, but is not limited to, pictorial drawings, orthographic projections, working drawings for construction and manufactur-

ing, and some computer animation of designed mechanisms. Most of the course is tutorial in nature. It is strongly recommended that aspiring engineering students, architects, and designers take this course.

Lodging

Lodging I
PTT 401
Grade level: 10-12
Length of course: 18 weeks/1 semester
The Lodging courses will teach management skills required for a career in the hotel and lodging industry.
Major Instructional Activities: Instructional activities will be provided in:
· A general classroom setting
· Field environment (hotels, BOQ, VOQ, billets)
Students will work:
· Individually
· With partners,
· In groups
Instruction will include:
· Lecture
· Demonstrations/Simulations
· Lodging related projects
· Housekeeping and management
· Accounting and cost control
· Retailing industry
· Food and beverage service
Major Evaluative Techniques: Student will be evaluated on:
· In class activity
· Homework assignments/projects
· Progress at intern site
Essential Objectives: Upon completion of this course students should be able to:
§ Take the national professional certification exam to qualify for Certified Rooms Division Specialist (CRDS) designation;
§ Entry Level endorsement in lodging and food service.
§ Students must complete all four semesters of the program to take the professional certification exam.

Lodging II
PTT 402
Grade level: 10-12
Length of course: 18 weeks/1 semester
The Lodging courses will teach management skills required for a career in the hotel and lodging industry.
Major Instructional Activities: Instructional activities will be provided in:

· A general classroom setting
· Field environment (hotels, BOQ, VOQ, billets)

Students will work:
· Individually
· With partners,
· In groups

Instruction will include:
· Lecture
· Demonstrations/Simulations
· Lodging related projects
· Housekeeping and management
· Accounting and cost control
· Retailing industry
· Food and beverage service

Major Evaluative Techniques: Student will be evaluated on:
· In class activity
· Homework assignments/projects
· Progress at intern site

Essential Objectives: Upon completion of this course students should be able to:
§ Take the national professional certification exam to qualify for Certified Rooms Division Specialist (CRDS) designation;
§ Entry Level endorsement in lodging and food service.
§ Students must complete all four semesters of the program to take the professional certification exam.

Sociology
SSS401
Grade: 10-12
Length of Course: 18 Weeks
Major Concepts/Content: The sociology course is designed to bean elective one-semester course for grades ten through twelve that deals with the study of the structure of society, and its groups, institutions, and cultures. Students investigate societal and cultural phenomena that influence the behavior of groups and individuals. Students study current social problems and utilize method of sociological investigation and research.

Model United Nations
SSZ403
Grade: 9-12
Length of Course: 18 Weeks
Major Concepts/Content: The Model United Nations course is designed to study the major operations and functions of the United Nations and the roll of diplomacy in the organization work. The major political, economic, and cultural concerns of Asia, Africa, the Americans, Europe, and the Middle East will be studied with major emphasis on assigned countries.