

Kadena High School
Course Description Guide
2008-2009
Table of Contents

LANGUAGE ARTS (ENGLISH)	3
MATHEMATICS	7
SCIENCE	9
SOCIAL STUDIES	13
PHYSICAL EDUCATION AND HEALTH	16
FOREIGN LANGUAGES	17
FINE ARTS.....	19
PROFESSIONAL TECHNICAL STUDIES	25
ELECTIVES	37
DISTANCE LEARNING PROGRAM	40

GRADUATION REQUIREMENTS

CLASS OF 2008 AND AFTER

Courses	Credits
ENGLISH LANGUAGE ARTS 9, 10, 11, and 12 (Two years of ESL may be substituted for 2 years of English Language Arts)	4
SOCIAL STUDIES (1 credit of US History, 1 credit in either World Regions or World History and ½ credit in US Government is required)	3
MATHEMATICS (Algebra I and Geometry are required).	3
SCIENCE (Biology and Chemistry <u>or</u> Physics are required.)	3
HEALTH EDUCATION	½
PHYSICAL EDUCATION	1 ½
FINE ARTS (Courses used to meet this credit must relate to visual arts, music, theater, drama, dance, and/or humanities).	1
FOREIGN LANGUAGE (A total of 2 credits in the same foreign language required.	2
PROFESSIONAL TECHNICAL STUDIES (½ credit must be in a computer course).	2
ELECTIVE COURSES (Once you have taken your required PTS, Fine Arts, etc. any courses that you take in these areas will become Elective credits)	6
TOTAL	26

Kadena High School PTS Clusters and Pathways

Cluster	Pathway	Required Classes	Recommended Courses
Arts, A/V Tech & Communications	Audio & Video Tech & Film	Video Comm I Video Comm II	Video Comm III Career Practicum
Arts, A/V Tech & Communications	Journalism & Broadcasting	Journalism Video Comm I	Video II Video III Word Process Software App (.5) Career Practicum
Business, Mgmt and Administration	Administration and Information Support	Word Proc Sw Apps (.5) Presentation Sw Apps (.5) Spreadsheet Sw Apps (.5)	Spreadsheet Sw Apps (.5) Management Int'l Business Accounting I Database Sw Apps Imaging Sw Apps Website Development (.5) Career Practicum
Business, Mgmt and Administration	Business Financial Mgmt and Accounting	Accounting I Accounting II	Management Int'l Business Word Processing Sw Apps (.5) Presentation Sw Apps (.5) Spreadsheet Sw Apps Business Law Database Sw Apps Career Practicum
Business, Mgmt and Administration	Management	Mgmt Int'l Business Mktg & Entrepreneurship (.5)	Accounting I Spreadsheet Sw Apps Database Sw Apps Business Law Career Practicum
Gov't & Public Administration	National Security	Air Force JROTC I Air Force JROTC II	JROTC III JROTC IV Psychology (.5) Street Law (.5) Career Practicum
Hospitality and Tourism	Restaurant and Food and Beverage Services	Cuinary Arts I (2) Culinary Arts II (2)	(None required)

Information Technology	Information Support & Services	Computer Service Support Java I or Visual Basics I (.5)	Java II or Visual Basics II (.5) Word Process Software App (.5) Presentation Software App (.5) Spreadsheet Software App Database Sw Apps Cisco I Website Development (.5) Career Practicum
Information Technology	Programming & Software Engineering	Java I & II Visual Basic I & II	Website Development (.5) Algebra II Career Practicum
Information Technology	Network Systems	Cisco I Cisco II	Computer Service and Support Java I Java II Visual Basic I Visual Basic II Algebra II Career Practicum
Manufacturing	Manufacturing Production Process Development	Engineering Design & Technology I	Engineering Drawing/CAD Computer Animation Math Analysis Physics Career Practicum
Science, Technology, Engineering & Mathematics	Engineering & Technology	Engineering Drawing/CAD	Engineering Design & Technology I (.5 – 1) Cisco I & II (.5 – 2) Java I & II or Visual Basic I & II Computer Animation Math Analysis Physics Career Practicum

KADENA HIGH SCHOOL COURSE OFFERINGS

SCHOOL YEAR *2008-2009*

THE FOLLOWING IS A LISTING OF HIGH SCHOOL COURSES (GRADES 9-12) BY DEPARTMENT WITH INDICATION OF COURSE LENGTH AND PREREQUISITES.

LANGUAGE ARTS (ENGLISH)

COURSE CODE	COURSE TITLE	LENGTH	GRADE LEVEL	PREPARATION
LAE301	LANGUAGE ARTS 9	Y	9	English 8
LAE371	HONORS LIT-WRLD HIST 9	Y	9	English 8*
LAE401	LANGUAGE ARTS 10	Y	10	English 9
LAE471	HONORS LIT-WRLD HIST10	Y	10	English 9*
LAE501	LANGUAGE ARTS11	Y	11	English 10
LAC614	AP ENGLISH LANG+	Y	11-12	English 10*
LAE601	LANGUAGE ARTS 12	Y	12	English 11
LAL613	AP ENGLISH LIT+	Y	12	English 11*
LAA301	ESL-BEGIN COMMUN	SEM/Y	9	In ESL Program
LAA401	ESL-DEVELOP COMM	SEM/Y	10	In ESL Program
LAA501	ESL-EXPAND COMM	SEM/Y	11	In ESL Program
LAA601	ESL-BRIDGING COMM	SEM/Y	12	In ESL Program
LAA302	ENTRANCE INTO ENG.	Y	9-12	In ESL Program

*Teacher Recommendation, test scores and grades will be used in selection process.

+Advanced Placement Courses

LANGUAGE ARTS COURSE DESCRIPTIONS

LAE301 LANGUAGE ARTS 9

This course is designed to strengthen a student's basic skills and knowledge of the English language. Content includes speaking, writing, listening, and general language skill development.

LAE371 HONORS LITERATURE-WORLD HISTORY 9

This is an integrated course for students interested in taking 9th grade Honors Social Studies and English. The course uses the chronological study of world history from ancient civilizations to 1500 and covers the themes of culture, science and technology, economics, and government. The content integrates readings and writings that focus on exploring, interpreting, and analyzing literature and other readings that extend and support the world history discussions and research. The course is a demanding study of

world history and literature, requiring students to understand, analyze, and interpret the connections between major historical events and the writings of the time. Critical thinking, philosophical discussion, concept attainment, vocabulary development, language usage, and research will be stressed. The development of discussion and presentation skills will focus on analysis, interpretation, and evaluation. This course must be taken in conjunction with Honors World History – 9.

LAE401 LANGUAGE ARTS 10

This course focuses student skills on listening, speaking, writing, literature and language. Course content will include: grammar, gathering of research information, test taking skills and interpretation, understanding and appreciation of literary forms, including both poetry and prose.

LAE471 HONORS LITERATURE-WORLD HISTORY 10

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

LAE501 LANGUAGE ARTS 11

English 11 is an integrated literature and composition program. Students will gain an appreciation of our American literary heritage through the study of selected writings and contributions of major authors. Students will review and extend skills through paragraph development, expository writing and research skills. The study of research and library skills will culminate with the completion of a research paper.

LAC614 ADVANCED PLACEMENT ENGLISH, LANGUAGE and COMPOSITION+

The Advanced Placement English Language and Composition course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. This course will emphasize the expository, analytical, and argumentative writing that forms the basis of academic and professional communication that fosters the development of

writing facility in any context. The AP Language and Composition course assumes that students already understand and use standard English grammar. The intense concentration on language use in this course should enhance their ability to use grammatical conventions both appropriately and with sophistication as well as to develop stylistic maturity in their prose. This course will prepare students for taking the AP exam administered in May of each year.

LAE601 LANGUAGE ARTS 12

English 12 focuses on the study of selected writings and contributions of major authors in British literature. Students will develop their literary abilities to read critically and analytically in various genres and styles. The composition component includes paragraph development, essays of exposition and argumentation, research skills and writing, communication skills for preparing career choices, and creative writing.

LAL613 ADVANCED PLACEMENT ENGLISH, LITERATURE AND COMPOSITION+

The Advanced Placement English Literature and Composition course (grade 12) will engage students in the careful reading of literary works. Through such study, the student will sharpen awareness of language and understanding of the writer's craft. Students will consider structure, meaning, and value, and relationship to contemporary experience and to the context in which it was written. Importantly, students will involve themselves in the study of argument, of appropriate word choice, of the subtleties of language use. They will engage in writing practice which goes beyond the construction of the 5 paragraph essay, working with ideas that are sophisticated and mature in nature. It is assumed that students enter the course with a firm grasp of reading, writing, grammar, and research skills. The course will prepare students for taking the AP exam administered in May of each year.

***ADVANCED PLACEMENT COURSES carry “weighted” grades. In calculation of grade point average, they receive one extra point. The AP exams (given in May) MUST be taken in order to receive the weighted grade. Please meet with your Counselor before selecting Advanced Placement courses.**

The following classes are designed to prepare students for competency in listening, speaking, reading, and writing English. These classes are for students whose first language is not English. Two years of ESL can be substituted for regular English Language Arts to meet the Graduation Requirements.

LAA301 ESL – BEGINNING COMMUNICATION

The English as a Second Language Beginning Communication course is designed to develop and increase English language proficiency and academic skills for students whose primary language is not English and who are at a level 1 English proficiency.

This course actively involves students in developing the skills of understanding, listening, speaking, viewing, reading, and writing to support the student's mastery of DoDEA's general education content standards. Emphasis is placed on the acquisition of Basic Interpersonal Communication Skills (BICS) related to meeting everyday needs and participating in the American school culture, and on the cognitive academic language needed for success in the general education classroom.

LAA401 ESL – DEVELOPING COMMUNICATION

The English as a Second Language Developing Communication course is designed to increase English language proficiency and to enhance academic skills for students whose primary language is not English and who are at a level 2 English proficiency. All areas of communication skills, i.e. listening, speaking, viewing, reading and writing, are strengthened through the integrated learning of language and academic content.

LAA501 ESL – EXPANDING COMMUNICATION

The English as a Second Language Expanding Communication course is designed to increase English language proficiency and to enhance academic skills for students whose primary language is not English and who are at a level 3 English proficiency. All areas of communication skills, i.e. listening, speaking, viewing, reading and writing, are strengthened through the integrated learning of language and academic content.

LAA601 ESL – BRIDGING COMMUNICATION

The English as a Second Language Bridging Communication course is designed for the advanced English language learner who is at a level 4 English language proficiency. This course focuses on expanding the student's range of vocabulary, refining grammatical structures, sharpening writing skills, and developing critical reading and thinking skills. All areas of communication skills are strengthened through the integrated learning of language and academic content.

LAA302 ENTRANCE INTO ENGLISH

The Entrance into English course is designed to prepare students for the different activities that they are expected to perform in English classes (classroom survival skills), to identify the basic terms that students should know prior to entering the mainstreamed English class, to identify in a check list the specific experiences and developed skills that ESL students should have prior to entering the mainstreamed English class, and to provide the receiving English teachers with a clear profile of the developed skills and experiences of ESL students who are entering the English class.

MATHEMATICS

COURSE CODE	COURSE TITLE	LENGTH	GRADE LEVEL	PREPARATION
MAA301	ALGEBRA I	Y	9-12	None
MAA301A	ALGEBRA I A	SEM	9-12	Algebra I – 1 st Sem
MAA301B	ALGEBRA I B	SEM	9-12	Algebra I – 2 nd Sem
MAG401	GEOMETRY	Y	9-12	Algebra I
MAG401A	GEOMETRY A	SEM	9-12	Geometry – 1 st Sem
MAG401B	GEOMETRY B	SEM	9-12	Geometry – 2 nd Sem
MAZ501	DISCRETE MATH	Y	10-12	Geometry
MAA401	ALGEBRA II	Y	10-12	Geometry
MAD501	MATH ANALYSIS	Y	11-12	Algebra II
MAC612	AP CALCULUS AB+	Y	12	Math Analysis
MAZ611	AP STATISTICS+	Y	12	Algebra II

MATHEMATICS COURSE DESCRIPTIONS

MAA301 **ALGEBRA I**

This course may be the most common entry-level course for students who have had a rich and varied middle level mathematics program. It expands upon basic algebraic concepts previously acquired and integrates those principles with everyday life.

MAA301A **ALGEBRA I A**

This course will be taught in the spring semester for students who fail the 1st semester of Algebra I. It is a repeat of Algebra I, 1st semester.

MAA301B **ALGEBRA I B**

This course will be taught in the fall for students who failed the spring semester of Algebra I. It is a repeat of Algebra I, 2nd semester.

MAG401 **GEOMETRY**

This course is designed to develop and promote student reasoning and problem solving geometric concepts and properties. Topics of study will include deductive reasoning, using points, lines, and plane, segments, angles and triangles, quadrilaterals, polygons, and three-dimensional figures. Real life applications will be included.

MAG401A **GEOMETRY A**

This course will be taught in the spring semester for students who fail the fall (1st) semester of Geometry. It is a repeat of Geometry, 1st semester.

MAG401B GEOMETRY B

This course will be taught in the fall for students who failed the spring (2nd) semester of Geometry. It is a repeat of Geometry, 2nd semester.

MAZ501 DISCRETE MATH

Discrete mathematics is concerned with designing, using and analyzing algorithms that solve problems and develop theory, sometimes making use of computer technology. Sample topics include: graph theory, combinatorics, voting theory and matrices.

MAA401 ALGEBRA II

This course will help students to view algebra as a language of modeling the real world through problem solving and using the languages of manipulating symbols. Students will integrate algebra into geometry, data analysis, and other curricular areas.

MAD501 MATHEMATICAL ANALYSIS

Math Analysis is a Pre-Calculus class to prepare students for college mathematics. It begins with a review of topics from Algebra II and moves into a detailed study of trigonometry and exponents. Graphing is also covered in depth throughout the course. Techniques from calculus, polar coordinates, conic sections, and vectors are included. Sequence and series may also be covered.

MAC612 ADVANCED PLACEMENT CALCULUS AB+

AP Calculus is a college course taught at the high school level with opportunity to take the Advanced Placement Examination in May and earn college credit. It covers both differential and integral calculus with applications to graphing, area, volume and work.

MAZ611 ADVANCED PLACEMENT STATISTICS+

The concepts and content for AP Statistics incorporate the syllabus of the College Board. The topics for AP Statistics are divided into four major themes: exploratory analysis, planning a study, probability, and statistical inference. Exploratory analysis of data makes use of graphical and numerical techniques to study patterns and departures from patterns.

***ADVANCED PLACEMENT COURSES carry “weighted” grades. In calculation of grade point average, they receive one extra point. The AP exams (given in May) MUST be taken in order to receive the weighted grade. Please meet with your Counselor before selecting Advanced Placement courses.**

SCIENCE

COURSE CODE	COURSE TITLE	LENGTH	GRADE LEVEL	PREPARATION
SCZ302	EARTH SPACE SCI	Y	9-12	None
SCZ401	ENVIRONMENT SCI	Y	9-12	None
SCB401	BIOLOGY	Y	9-12	None
SCC502	CHEM APPS COMM	Y	9-12	None
SCC501	CHEMISTRY	Y	10-12	Algebra I
SCP302	PHYS APPS COMM	Y	9-12	None
SCP501	PHYSICS	Y	10-12	Algebra I
SCZ602	MARINE BIOLOGY	Y	10-12	None
SCX401	HUMAN ANAT & PHYS	Y	10-12	Biology
SCZ611	AP ENVIR. SCIENCE+	Y	11-12	Algebra I
SCP612	AP PHYSICS B+	Y	11-12	Physics
SCB612	AP BIOLOGY+	Y	11-12	Biology
SCC612	AP CHEMISTRY+	Y	11-12	Chemistry

SCIENCE COURSE DESCRIPTIONS

SCZ302 EARTH AND SPACE SCIENCE

Earth and Space Science is designed to help students understand the world around them and increase their ability to evaluate that world. Information is presented in an integrated approach with science as inquiry, science & technology, science & social perspectives, and the history & nature of science. The course integrates unifying science concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium; and form & function. Scientific inquiry and understanding about inquiry are emphasized through practical implications and meaningful applications. Topics students' study includes geology, astronomy, meteorology, oceanography, and ecology.

SCZ401 ENVIRONMENTAL SCIENCE

Environmental Science is designed to be an elective course for students with a special interest and high motivation for an in-depth study of environmental science. Information is presented in an integrated approach with science as inquiry, science & technology, science & social perspectives, and the history & nature of science. The course integrates unifying science concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium, and form & function. Scientific inquiry and understanding about inquiry are emphasized through practical implications and meaningful applications. Topics students study include, but are not limited to, the laws of matter and energy, ecosystem analysis, population dynamics, renewable and nonrenewable resources, human impact on the environment, and the relationships among economics, politics, ethics, and the environment.

SCB401 BIOLOGY

This is a college preparatory class that emphasizes biological organization and life processes of living organisms. High school biology incorporates lectures with a practical laboratory program. Students learn the value of making accurate observations and data recording to arrive at valid conclusions.

SCC502 CHEMISTRY APPLICATIONS IN THE COMMUNITY

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

SCC501 CHEMISTRY

This is a college preparatory course that includes topics in atomic theory and structure, chemical bonding and behavior, and the structure of elements, compounds, and mixtures. Laboratory experiments are used to help introduce and clarify topics covered. Major emphasis is placed on problem solving. Chemistry requires successful completion of Algebra I (MAA304). (Concurrent enrollment or completion of Algebra II is highly recommended.)

SCP302 PHYSICS APPLICATIONS IN THE COMMUNITY

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

SCP501 PHYSICS

Physics is a college preparatory course that provides an understanding of the physical laws fundamental to all science. Utilizing a problem solving approach, topics such as mechanics, wave theory, heat, sound, light, magnetism, electricity, atomic structure, nuclear reactions, and high-energy physics will be explored. Concepts presented will be reinforced through lectures, student activities and laboratory experiments. Special

attention is given to the mathematical treatment of data which is minimally at the Algebra II level of competency.

SCZ602 MARINE BIOLOGY

Marine Biology is designed to be an elective, introductory course to the identification and classification of organisms most common to the oceans around Okinawa. Topics students study include ecological concepts of the sandy beach, rocky shore and benthic communities, seaweeds, planktonic forms, plankton and their relationship to marine life cycles, nekton, benthos, marine bacteriology, marine biological resources, and marine pollution.

SCX401 HUMAN ANATOMY AND PHYSIOLOGY

This course is designed for students with a special interest and high motivation for an in-depth study of the normal human structures and functions. Laboratory investigations are emphasized. Topics studied include the muscular, nervous, digestive, respiratory, circulatory, excretory, endocrine, and reproductive systems.

SCZ611 ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE+

The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science. Environmental science is an interdisciplinary course that embraces a wide variety of topics from several areas of study. There are several unifying themes that exemplify and provide the foundation for Environmental Science. These themes include science as a process, energy conversions underlie all ecological processes, the Earth itself is one interconnected system, humans alter natural systems, environmental problems have cultural and social context and human survival depends upon developing practices that will achieve attainable systems.

SCP612 ADVANCED PLACEMENT PHYSICS B+

The AP Physics B course includes topics in both classical and modern physics. The course seeks to be a representative of topics covered in similar college courses, as determined by periodic surveys. The course covers five general areas: Newtonian mechanics, thermal physics, electricity and magnetism, waves and optics, and nuclear physics. Proficiency in Algebra II and basic Trigonometry is required as well as a dedicated work ethic that will allow the successful completion of a college level Physics course. Understanding of the basic principles involved and the ability to apply these principles in the solution of problems are the major goals of the course. This AP course is designed to follow the successful completion of course work in high school Physics.

SCB612 ADVANCED PLACEMENT BIOLOGY+

This course is designed as an equivalent of a college introductory course. The college course in biology differs significantly from the usual first high school course in biology with

respect to the textbook and the range and depth of topics covered, the kind of laboratory work done, and the time and effort required of the students. This AP course is designed to be studied after the successful completion of course work in high school biology and chemistry.

SCC612 ADVANCED PLACEMENT CHEMISTRY+

This course is designed as an equivalent of a college introductory course. The college course in general chemistry differs qualitatively from the usual first high school chemistry course with respect to the textbook, topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by students. This AP course is designed to be studied after the successful completion of course work in high school chemistry.

ALL SCIENCE CLASSES ARE FULL YEAR IN LENGTH.

***ADVANCED PLACEMENT COURSES carry “weighted” grades. In calculation of grade point average, they receive one extra point. The AP exams (given in May) MUST be taken in order to receive the weighted grade. Please meet with your Counselor before selecting Advanced Placement courses.**

SOCIAL STUDIES

COURSE CODE	COURSE TITLE	LENGTH	GRADE LEVEL	PREPARATION
SSC301	WORLD REGIONS	Y	9-12	None
SSW371	HONORS WRLD HIST-LIT 9	Y	9	Hon. Eng. 9*
SSW401	WORLD HISTORY	Y	9-12	None
SSW471	HONORS WRLD HIST-LIT10	Y	10	Hon. Eng.10*
SSU501	U.S. HISTORY	Y	11-12	None
SSU611	AP U.S. HISTORY+	Y	11-12	None
SSP501	PSYCHOLOGY	SEM	11-12	None
SSZ303	STREET LAW	SEM	11-12	None
SSN401	ECONOMICS	SEM	10-12	None
SSZ403	MODEL UN	SEM	10-12	None
SSG601	U.S. GOVERNMENT	SEM	12	None
SSG612	AP GOVT & POL+	Y	12	None

*Concurrent enrollment in Honors Literature 9 and Honors World History required

*Concurrent enrollment in Honors Literature 10 and Honors World History required.

SOCIAL STUDIES COURSE DESCRIPTIONS

SSC301 WORLD REGIONS/CULTURES

This full-year course focuses on the study of major world cultures. Emphasis is on the political, economic, social and religious customs of these cultures and their geographic context. This course will give students a good foundation for World History.

SSW371 HONORS WORLD HISTORY – LITERATURE 9

This is an integrated course for students interested in taking 9th grade Honors Social Studies and English. The course uses the chronological study of world history from ancient civilizations to 1500 and covers the themes of geography, culture, science and technology, economics, and government. The content integrates readings and writings that focus on exploring, interpreting, and analyzing literature and other readings that extend and support the world history discussions and research. The course is a demanding study of world history and literature, requiring students to understand, analyze, and interpret the connections between major historical events and the writings of the time. Critical thinking, philosophical discussion, concept attainment, vocabulary development, language usage, and research will be stressed. The development of discussion and presentation skills will focus on analysis, interpretation, and evaluation. This course must be taken in conjunction with Honors Literature-World History 9.

SSW401 WORLD HISTORY

This full-year course is a survey of world history from the Middle Ages to the present time. It is a recommended class for the college bound sophomore. This is an academically challenging course and a good foundation in world cultures is essential.

SSW471 HONORS WORLD HISTORY – LITERATURE 10

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

SSU501 U.S. HISTORY

U.S. History is a required course for graduation. This course is a study of the history of the United States with an emphasis on the period from the Reconstruction to the present. This full-year course is restricted to *Juniors and Seniors*.

SSU611 AP UNITED STATES HISTORY+

This yearlong course follows the description and requirements set by the College Board for advanced placement classes. An in-depth study of United States history, the course requires an above average reading, writing and interpretive abilities. This course is restricted to *Juniors and Seniors*. Please note that seniors may enroll after completing regular US History.

SSP501 PSYCHOLOGY

This semester class in “applied” psychology will equip *Juniors and Seniors* with success principles, positive habits and knowledge to succeed in life. Included in this course are topics in the history of psychology, psychological methods, personality testing and development, the human brain, sensation and perception, motivation and emotion, behavioral modification, principles of learning, information processing and memory, human development, and psychological disorders.

SSZ303 STREET LAW

This semester class will provide students with knowledge that will be of practical use in their everyday lives. Students will learn how every purchase, lease, contract, marriage,

divorce, crime, and traffic violation places them face-to-face with the law. Topics will include an introduction to law and the legal system, criminal, family, housing and consumer law, as well as individual rights and responsibilities. Students will study current issues and controversies relating to law and the legal system. Students will learn different methods of solving legal problems, including negotiation, mediation and the trial process.

An effort will be made to make the course relevant to students at Kadena High School by including special lessons that compare American and Japanese law as well as instruction in the basics of the Code of Military Justice.

SSN401 ECONOMICS

The economics course is a 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. The course is offered to the secondary student, grades ten through twelve.

SSZ403 MODEL UNITED NATIONS

This semester class will teach students about the major operations and functions of the United Nations. The major political, economic, and cultural problems facing the world will be studied. The Internet will be used extensively to do research and provide information for students to act out numerous classroom simulations of various United Nations bodies.

SSG601 U.S. GOVERNMENT

This course is a required, one semester, study of the government of the United States. An emphasis on the structure and function of the government provides the background for the study of individual political responsibility and participation. Required for all seniors.

SSG612 AP AMERICAN GOVERNMENT AND POLITICS+

This yearlong course is open to *Seniors* and follows the description and requirements set by the College Board for advanced placement classes. It is an in-depth study of the government of the United States, and the course requires an above average reading ability.

***ADVANCED PLACEMENT COURSES carry “weighted” grades. In calculation of grade point average, they receive one extra point. The AP exams (given in May) MUST be taken in order to receive the weighted grade. Please meet with your Counselor before selecting Advanced Placement courses.**

PHYSICAL EDUCATION & HEALTH

COURSE CODE	COURSE NAME	LENGTH	GRADE LEVEL	PREPARATION
PEF301	PE -PERSONAL FITNESS	SEM	9-12	None
PEL301	PE - LIFETIME SPORTS	SEM	9-12	None
PEN301	PE-ACTIVITY NUTRITION	SEM	9-12	PEF301& PEL301
HLH301	HEALTH ED	SEM	9-12	None

PHYSICAL EDUCATION & HEALTH COURSE DESCRIPTIONS

PEF301 PERSONAL FITNESS

This course is designed to provide students with the knowledge needed to make decisions regarding personal fitness, exercise, lifestyle and nutrition. The students will develop and implement personal workouts for strength, flexibility, and cardiovascular fitness.

PEL301 LIFETIME SPORTS

This course is designed to expose students to a wide variety of athletic activities and to ensure each individual has the necessary skills and information to participate in physical activity throughout life.

PEN301 PE-ACTIVITY NUTRITION

This one-semester class is required for graduation. Students have to complete Personal Fitness and Lifetime sports before taking this class. This course teaches students how to create a personal fitness program that will meet their own needs. Students will be introduced to heart rate monitors and other physical activities. Students will identify ways to balance nutritional needs with physical activity energy expenditure.

HLH301 HEALTH ED

The purpose of this semester course is to provide students with a comprehensive coverage of contemporary health topics: mental/emotional health, family/social health, growth and development, substance use/abuse, food/nutrition, exercise/fitness, diseases/disorders, consumer/personal health and safety/first aid.

FOREIGN LANGUAGE

COURSE CODE	COURSE NAME	LENGTH	GRADE LEVEL	PREPARATION
FLF301	FRENCH I	Y	9-12	None
FLF401	FRENCH II	Y	9-12	French I
FLF501	FRENCH III	Y	9-12	French II
FLF601	FRENCH IV	Y	9-12	French III
FLJ301	JAPANESE I	Y	9-12	None
FLJ401	JAPANESE II	Y	9-12	Japanese I
FLJ501	JAPANESE III	Y	9-12	Japanese II
FLJ601	JAPANESE IV	Y	10-12	Japanese III
FLJ614	AP JAPANESE+	Y	11-12	Japanese IV
FLS301	SPANISH I	Y	9-12	None
FLS401	SPANISH II	Y	9-12	Spanish I
FLS501	SPANISH III	Y	9-12	Spanish II
FLS601	SPANISH IV	Y	10-12	Spanish III
FLS615	AP SPANISH LANG+Y		11-12	Spanish III
FLC301	CHINESE I	Y	9-12	None
FLC401	CHINESE II	Y	9-12	Chinese I
FLC501	CHINESE III	Y	9-12	Chinese II

FOREIGN LANGUAGE COURSE DESCRIPTIONS

FIRST YEAR OF FOREIGN LANGUAGE

The beginning language courses offer an integrated study of grammar, vocabulary and culture of the target language. Emphasis is placed upon the basic skills such as pronunciation, simple sentences and essential words and phrases. While some of the cultural and grammatical concepts will be explained in English, every effort is made to speak in the target language; therefore, it is advised that students have reasonable proficiency in English.

SECOND YEAR OF FOREIGN LANGUAGE

The second year of the language program offers opportunities for further growth and mastery of the foreign language. Emphasis will be placed on expanding knowledge in grammar, vocabulary and culture of the target language. There will be increased opportunities to practice using conversational skills as well as developing a basic writing style. There will be an effort to speak only in the target language.

THIRD YEAR OF FOREIGN LANGUAGE

The third year language programs offer opportunities for in-depth and advanced study in the foreign language. Emphasis will be placed on mastery of complex grammatical concepts, development of wider vocabulary and reading comprehension. The student will study basic works of literature along with more complex aspects of the target language and its people.

FOURTH THROUGH SIXTH LEVEL OF FOREIGN LANGUAGE

The fourth through sixth years of language study provide greater in-depth and advanced study of the foreign language. Review of grammatical concepts will be achieved through an increasing complexity of writing, reading, speaking, and listening activities. The student will be expected to converse with ease in the target language with emphasis being placed on developing the finer nuances of the language.

FLS615 ADVANCED PLACEMENT SPANISH LANGUAGE+

An AP Spanish Language course is comparable to an advanced level (5th- and 6th-semester or the equivalent) college Spanish language course. Emphasizing the use of Spanish for active communication, it encompasses aural/oral skills, reading comprehension, grammar, and composition. The course objectives are to help you do the following: comprehend formal and informal spoken Spanish; acquire vocabulary and a grasp of structure to allow the easy, accurate reading of newspaper and magazine articles, as well as of modern literature in Spanish; compose expository passages; and to express ideas orally with accuracy and fluency. The course seeks to develop language skills that are useful in themselves and that can be applied to various activities and disciplines, rather than to the mastery of any specific-subject matter. Finally, you should receive extensive training in the organization and writing of compositions as an integral part of this AP course.

FLJ614 ADVANCED PLACEMENT JAPANESE LANGUAGE+

An AP Japanese Language course is equivalent to a 3rd year college Japanese language course. Emphasizing the use of Japanese for active communication, it encompasses aural/oral skills, reading comprehension, grammar, and composition. Course objectives are to comprehend formal and informal spoken Japanese, acquire vocabulary and a grasp of structure to allow the student to get the gist when reading newspaper and magazine articles, as well as of modern literature in Japanese by mastering the first 300 characters and reading 500, compose expository passages, and express ideas orally with accuracy and fluency. The course seeks to develop language skills that are useful in themselves and that can be applied to various activities and disciplines, rather than to the mastery of any specific-subject matter. Finally, students should receive extensive training in the organization and writing of compositions as an integral part of this AP course.

Please meet with your Counselor before selecting Advanced Placement courses.

FINE ARTS

COURSE CODE	COURSE TITLE	LENGTH	GRADE LEVEL	RECOMMENDATION
ARA301	FUNDAMENTALS OF ART	Y	9-12	None
ARH401S	PHOTOGRAPHY	SEM	9-12	None
ARW401S	DRAWING	SEM/Y	9-12	Fund. of Art
ARC401S	SCULPTURE	SEM	9-12	Fund. of Art
ARS401	STUDIO ART	Y	9-12	Fund. of Art
ARP401S	PAINTING	SEM/Y	9-12	Fund. of Art
ARA613	AP STUDIO ART+	Y	12	Fund. of Art
ARE401S	CERAMICS	SEM	9-12	Fund. of Art **
HUH401S	HUMANITIES	SEM	9-12	None
ARV301	VIDEO ARTS	Y	9-12	Video Comm***
MUI302	INTERMEDIATE BAND	Y	9-12	Audition
MUI303	ADVANCED BAND	Y	9-12	Audition
MUI304	JAZZ ENSEMBLE	Y	9-12	Audition
MUV301	BEGINNING CHORUS	Y	9-12	None
MUV302	ADVANCED CHORUS	Y	9-12	Audition
MUV303	SHOW CHOIR	Y	9-12	Audition
MUS303S	PIANO I	SEM	9-12	None
MUS304S	PIANO II	SEM	9-12	Piano I
MUS301S	GUITAR I	SEM	9-12	None
MUS302S	GUITAR II	SEM	9-12	Guitar I ***
MUC301	COMPUTER MUSIC	SEM	9-12	Music background
DRA301S	DRAMA-THEATER	SEM	9-12	None
MUT611	AP MUSIC THEORY+	Y	11-12	Computer Music

**With permission from the instructor, may be repeated for credit.

*** Permission from Instructor/Audition needed

FINE ARTS COURSE DESCRIPTIONS

ARA301S FUNDAMENTALS OF ART

Designed as the basic entry course for the art program, this yearlong course provides instruction in the use of line, color, texture, shape, and space arrangement in works of art.

Students learn how to compose a balanced, rhythmic, unified design through a series of assignments that use a variety of two-and three-dimensional art media. Course emphasis is placed on the basic techniques of drawing, painting and printmaking, which can be used throughout life for communication, expression, and enjoyment.

ARH401S PHOTOGRAPHY

The photography course is designed to introduce the digital camera and basic photography techniques. Instructional activities will provide practice in using a variety of photographic tools and software. Principles of input, output and computer processing techniques are covered. Students will produce black/white and color photographic images and produce a photographic essay using prints. Photography as applied to situations in illustrative, commercial and advertising photography are discussed and practiced. This course is one-semester.

ARW401S DRAWING

Drawing is a course designed for students who want to further develop their skills using many different media including pencil, pastels, acrylics, pen and ink, scratchboard and etching. Students explore several aspects of drawing with the aim of developing their own personal expression. Students must have successfully completed Fundamentals of Art before enrolling in Drawing. This course may be taken for one or two semesters.

ARC401S SCULPTURE

This one-semester course is designed to offer students the opportunity to create three-dimensional works of art. Students will learn to create sculpture through the methods of additive, subtractive, modeling, molding and fusing using a variety of mediums. Fundamentals of Art is recommended before taking this course.

ARS401S STUDIO ART

The Studio Art course is a yearlong course designed either as units of study in various media or as an individualized course for advanced students. Students who would like to develop skills in several media would benefit from this course. They can concentrate on selected activities from the following options: drawing, watercolor, acrylic or oil paintings, sculpture, ceramics, commercial art, creative crafts, lettering, printmaking, and mixed media. All students must have successfully completed Fundamentals of Art before taking Studio Art.

APR401S PAINTING

The painting course is designed for students who want to develop skills in one or more painting media. The media may be oils, acrylic, watercolor, or tempera. Students will receive instruction in the techniques and history of various painting styles. Projects and exercises will help students develop the skills and understanding necessary for personal expression. Emphasis will be placed on color theory, painting techniques, and other skills appropriate to the medium. This course may be taken one or two semesters.

ARA613 ADVANCED PLACEMENT STUDIO ART, GENERAL PORTFOLIO+

The AP Studio Art, General Portfolio course is a yearlong course designed by the College Board Advanced Placement program. Instead of taking an examination, studio art candidates are required to produce a portfolio for evaluation, which is to be prepared and submitted according to the AP specifications. Each portfolio contains three sections: quality, for which original works are submitted (four works are required); concentration, an in-depth, individual project (up to 20 slides or a film or videotape are required); and breadth, demonstration of a wide range of experience (20 slides are required).

ARE401S CERAMICS

The ceramics course is a one-semester class, designed to provide a studio-oriented experience dealing with the study of clay. Students explore the properties of clay by making utilitarian and sculptural forms with an emphasis on form, design, and craftsmanship. The course includes instruction in clay applications, in kiln management, and in the historical role of ceramics in our culture. Teacher recommendation required for students who wish to continue in Ceramics beyond the one-semester course. Fundamentals of Art is recommended before taking this course.

HUH401S HUMANITIES

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

ARV301 VIDEO ARTS

The Video Arts course is a yearlong course that develops the student's broadcasting skills. The students enrolled in this course will produce a daily news show which airs throughout the school. Students will explore concepts related to, but not limited to, ethics, scriptwriting, school news and documentary productions, interview techniques, broadcast journalism, soft news pieces, multi-camera switching, computer graphics, and digital video processing. The skills developed in this class will prepare students for on-air work as well as the technical side of broadcast journalism. Teacher permission must be granted before students can take this class – will be offered A1 and B5 only.

MUI302 INTERMEDIATE BAND

Intermediate Band students are introduced to music notation, rhythms, terminology, key signatures, minor and major scales, sight-reading and a variety of styles of music beyond a Beginning (1st and 2nd year) Band level. Opportunities exist for participation in large group, small group/ensemble and solo performances.

MUI303 ADVANCED BAND

Advanced Band members are introduced to levels of rhythms, music notation, and terminology and sight-reading beyond an Intermediate Band (2nd-3rd year) level as well as an understanding of all Major and minor key signatures and scales. A variety of performance opportunities exist including large group (entire wind band), small group/ensemble and solo performances during the school year. All Advanced Band members are strongly encouraged to audition for DoDDS-Pacific Honor Band.

MUI304 JAZZ ENSEMBLE

Members of Jazz Band are accepted on an audition basis from Advanced Band level band students. A variety of jazz styles are learned and performed, as well as opportunities for students to learn and perform using improvisation.

MUV301 BEGINNING CHORUS

The purpose of this course is to provide students with vocal music competencies and experiences: reading music notation vocally, singing with ensembles and choirs using two, three, and four-part music; performances in public using good vocal techniques. Grading will be on class performance, correct usage of musical and vocal principles taught and public performances.

MUV302 ADVANCED CHORUS

This class is for a selected group of singers who are willing to work to prepare and perform various types of music in public. Self-discipline and a desire to work in this class are essential elements of the students' evaluation.

MUV303 SHOW CHOIR (Vocal Jazz Ensemble -Camerata)

This course is open to students who have a strong desire to perform. Students will need to audition and will be selected by the director. This is a small performing ensemble of the top vocalists in the school. The class will concentrate on jazz and popular music, choreography and performing.

MUS303S PIANO I

In this one-semester class, the goal for students in piano keyboarding is to acquire basic piano playing skills and fundamental general music knowledge that will enable them to continue learning beyond the class. Students will learn keyboard layout, hand positions, and fingering techniques on the piano. They will receive basic music theory instructions including notation, chord structure and scales. This class is for students who have never played the piano before.

MUS304S PIANO II

This one-semester course is designed to further develop students' music and keyboard skills. The content includes, but is not limited to, refining listening skills, and reading notation in bass and treble clefs; playing more complex rhythm concepts and patterns, playing in varied examples of duple and triple meter, and playing technically advanced melodies to enhance left- and right-hand independence. Students with no experience should start with Piano I before they attempt Piano II.

MUS301S GUITAR I

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

MUS302S GUITAR II

The guitar II course is designed to introduce students to the advanced study of the guitar. The content includes, but is not limited to, staff notation and rhythm concepts, major and minor chord recognition, strumming and picking techniques, duple and triple meters, listening skills, guitar styles and forms, familiarity in the playing of all strings, variety of guitar repertoire, performance as soloists and in group ensembles, tuning and intonation, guitar accompaniment techniques, major and minor scales, and position change. This class is a one-semester course. Students will need to audition and receive teacher permission to take this class if they haven't taken Guitar I during the 1st semester.

MUC301 COMPUTER MUSIC

This one-semester class 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. Instructional activities will include, but will not be limited to, the following activities: multi-track digital recording, composition and MIDI programming, and "Standards-Based" instruction using music theory and history software. Students must have some background in music, which includes knowing how to read music prior to enrolling in this course.

DRA301S DRAMA-THEATER

This one-semester course offers an introduction to the performing art of drama. Students will study pantomime, oral interpretation, voice and diction, stage movement, and character development. Because this course is a performance class, grading will be based on participation, rehearsal, and performance. Some theatre history will be covered and outside reading of plays will be required.

MUT611 **ADVANCED PLACEMENT MUSIC THEORY+**

The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The achievement of this goal may be best promoted by integrated approaches to the student's development of: aural skills, listening skills, sight-singing skills, performance exercises, written skills, written exercises, composition skills, and analytical skills. This is a yearlong class.