

Kwajalein Senior High School Course Descriptions

2021-2022



Kwajalein School System
Kwajalein Junior-Senior High School
Unit 17001 Box 83
APO AP 96555-0100
Ph: 805-355-2011
Fax: 805-355-2016

Message to Students

Dear Student,

You are an important member of the Kwajalein Junior-Senior High School team which is made up of you, your parents, faculty and staff. It is our goal to work together to create an educational pathway that helps you strive for high academic achievement and create positive memories that come from attending a premier high school.

As a student, one of your foremost responsibilities is to choose a course of study which best suits your needs as you begin planning for life after high school. The purpose of this course description guide is to provide you information on all our course offerings which will assist you and your parents in matching your educational needs and interests with the courses we offer. Please read through the enclosed material carefully and discuss with your parents the classes you feel will best suit your needs, as well as our graduation requirements.

I am confident the coming school year will be a great success and that you will be an active participant in our Spartan community. You have many opportunities before you which will prepare you for any adventure you wish to pursue. Choose wisely and apply yourself daily!

If you have questions, please don't hesitate to ask. We are here for you. Your success as a student and young adult is our number one goal!



Tarah Yurovchak
High School Principal
Kwajalein Junior-Senior High School

Graduation Requirements

Class of 2022 and Subsequent School Years

MINIMUM REQUIREMENTS			
Content Area*	Course Requirements	Standard Diploma	Honors Diploma
* AP and/or IB courses may be used to meet KSS requirements.			
English Language Arts	<ul style="list-style-type: none"> ● 1.0 credit (ELA 9) ● 1.0 credit (ELA 10) ● 1.0 credit (ELA 11) ● 1.0 credit (ELA 12) 	4.0 credits	4.0 credits
Social Studies	<ul style="list-style-type: none"> ● 1.0 credit (World History 9 or 10) ● 1.0 credit (U. S. History) ● 0.5 credit (U. S. Government) ● 0.5 credit (Social Studies elective) 	3.0 credits	3.0 credits
Mathematics Note: Three credits must be earned in grades 9-12.	<ul style="list-style-type: none"> ● 1.0 credit (Algebra I) ● 1.0 credit (Geometry) ● 1.0 credit (Algebra II or identified equivalent course) ● 1.0 credit (Elective Math course) 	4.0 credits	4.0 credits Note: Honors diploma requires completion of one additional math course beyond Algebra II or identified equivalent.
Science	<ul style="list-style-type: none"> ● 1.0 credit (Biology) ● 1.0 credit (Chemistry or Physics) ● 1.0 credit (Science elective) 	3.0 credits	3.0 credits
World Language	<ul style="list-style-type: none"> ● 2.0 credits Note: Credits must be in the same WL course.	2.0 credits	2.0 credits
Career Technical Education	<ul style="list-style-type: none"> ● 1.5 credits ● 0.5 credit (Computer technology CTE course) 	2.0 credits	2.0 credits

Content Area*	Course Requirements	Standard Diploma	Honors Diploma
Physical Education	<ul style="list-style-type: none"> ● 0.5 credit (Personal Fitness) ● 0.5 credit (Lifetime Sports) ● 0.5 credit (Activity & Nutrition or equivalent PE) Note: Two years of JROTC taken in high school fulfills the 0.5 credit requirement for Lifetime Sports	1.5 credits	1.5 credits
Fine Arts	<ul style="list-style-type: none"> ● 1.0 credit (Course in visual arts, music, theater, and/or humanities) 	1.0 credit	1.0 credit
Health Education	<ul style="list-style-type: none"> ● 0.5 credit 	0.5 credit	0.5 credit
Honors Diploma	<ul style="list-style-type: none"> ● 0.5 credit in Economics 	Not Required	0.5 credit
Summary		Standard Diploma	Honors Diploma
Minimum Total Credits		26.0 credits	26.0 credits
Required Courses		21.0 credits	21.5 credits
Elective Courses		5.0 credits	4.5 credits
Advanced Placement and/or IB Courses and requisite exams		Not Required	4 courses
Minimum GPA		2.0 GPA	3.8 GPA

College Entrance Requirements

College entrance requirements are dependent upon the individual college/university and the selected course of study. Students should discuss this with their counselor when planning class schedules.

Students planning to enter a four (4) year college or university need to adhere to the following guides:

Minimum expectation:

English	4 years
Math	3 years (incl Alg II)
Social Studies	3 years
Science	3 years
Foreign Language	2 years of one language
Computer	1 semester

Preferred program:

English	4 years
Writing	1 semester
Social Studies	4 years
Math	4 years (incl Alg II plus one additional)
Science	4 years
Foreign Language	3 or 4 years, one language
Fine Arts	1 year
Computer	1 semester
PE/Health	1.5 years

SAT and/or ACT college entrance exams.

ENGLISH LANGUAGE ARTS

TITLE OF COURSE: ENGLISH 9
Grade Level: 9
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

The primary purpose of 9th grade English is to strengthen students' critical thinking and writing skills as they read from a variety of literature, analyze these works, develop original thesis statements, and share these ideas in formal and time-restricted impromptu literary analysis essays, class discussions, and oral presentations. Students will also produce reflective, argumentative, and personal narrative essays; short stories and poetry; and a formal research paper that adheres to MLA style and formatting guidelines. In addition, students will continue to develop their vocabulary, grammar, mechanics, organization, listening, and speaking skills.

Reading Choices (minimum 4): Student selected novels and additional titles may include but are not limited to the following: *The Seven Habits of Highly Effective Teens*, *A Separate Peace*, *Fahrenheit 451*, *Romeo and Juliet*, *Animal Farm*, *Night*, *The Odyssey*, and a variety of nonfiction texts and articles.

TITLE OF COURSE: ENGLISH 10
Grade Level: 10
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: English 9

Brief Description of Course:

The primary purpose of 10th grade English is to continue building students' critical thinking and writing skills as they read from a variety of literature, analyze these works, develop original arguments, and share these ideas in formal and time-restricted impromptu literary analysis essays, class discussions, and oral presentations. Students will also produce reflective, argumentative, and personal narrative essays; short stories and poetry, and a formal research paper that adheres to MLA style and formatting guidelines. In addition, students will continue to develop their vocabulary, grammar, mechanics, organization, listening, and speaking skills.

Reading Choices: Students will read independently from a wide range of fiction and nonfiction texts. Texts read by the whole class may include, but are not limited to, the following: *The Lord of the Flies*, *To Kill a Mockingbird*, *The House on Mango Street*, *the Tao of Pooh*, *I am Malala*, *Purple Hibiscus*, and various short works of fiction, nonfiction, and poetry.

TITLE OF COURSE: **ENGLISH 11**
Grade Level: 11
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: English 10

Brief Description of Course:

The primary purpose of 11th grade English is to continue developing analytical thinking and writing skills wherein students will compose several multiple paragraph literary analyses, rhetorical analyses, time-restricted essays, personal narratives, and successful completion of one research project. Additionally, students will utilize proper writing conventions appropriate to their learning level. To accomplish this, students will read from an extensive selection of American Literature spanning all literary genres (see reading list) and complete comprehensive grammar and mechanics assessments. *There is a summer reading component.*

Reading List: Student selected novels and additional titles include but are not limited to the following: *The Adventures of Huckleberry Finn, The Great Gatsby, Of Mice and Men, Catcher in the Rye, The Things They Carried, Into the Wild, and a variety of non-fiction texts and articles.*

TITLE OF COURSE: **ENGLISH 12**
Grade Level: 12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: English 11

Brief Description of Course:

The primary purpose of 12th grade English is to build on the foundation established in 11th grade English and to continue developing analytical thinking and writing skills to greater depth of exploration. Students will compose several multiple paragraph literary analyses, time-restricted impromptu essays, successful completion of a research project, and personal narratives. To accomplish this, students will read from an extensive selection of British Literature spanning all literary genres (see reading list) and complete comprehensive grammar and mechanics assessments. *There is a summer reading component.*

Reading List: Student selected novels and additional titles include but are not limited to the following: *How to Read Like a Professor, Heart of Darkness, Pride and Prejudice, Great Expectations, Frankenstein, 1984, Othello/Macbeth, Brave New World, and a variety of non-fiction novels and articles.*

**TITLE OF COURSE: AP LITERATURE & COMPOSITION
(OFFERED 2021-2022)**

Grade Level: 11-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: "B" or better in English 10 or 11

Brief Description of Course:

The purpose of this course is to prepare students for the AP Literature exam in May. In order to score well on the exam (3 or higher), students must adhere to a strict reading list as suggested by the College Board. Additionally, students must compose bi-monthly impromptu essays to prepare for the exam following all proper writing conventions. Also, students must complete two annotated literary research papers throughout the year. Students need to understand and demonstrate thorough knowledge of all literary and poetic devices commonly used in classic literature. It is understood that AP Literature is a year-long commitment. The AP Literature exam is given during the first two weeks of May. Students enrolled in AP Literature are expected to take this exam and are responsible for its cost. *Summer reading is required.*

Reading List: Reading lists will be adjusted regularly in compliance with AP curriculum and student interest.

**TITLE OF COURSE: AP LANGUAGE & COMPOSITION
(OFFERED 2022-2023)**

Grade Level: 11-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: "B" or better in English 10 or 11

Brief Description of Course:

AP Language and Composition engages students in a college-level study of rhetoric. AP Language students will study a variety of texts – ranging from fiction novels, non-fiction essays, literary criticisms, scientific essays, political speeches, as well as print advertisements and commercials – in order to analyze how authors form arguments and persuade their audiences. Texts will also align with the students' study of US History II, in order to establish a deeper understanding of the historical and social importance of the arguments and writings. As students study these arguments, students will learn how to apply the basic principles of rhetoric to their own writing in order to refine their argumentative abilities. Throughout the year, heavy emphasis will also be placed on the study of writing conventions and usage rules to improve student expression and fluency. It is understood that students who enroll in AP Language will remain in the class for the entire year. Likewise, all students enrolled in AP Language are expected to take the AP Language exam in the second week of May. *Summer reading is required.*

Reading List: Reading lists will be adjusted regularly in compliance with AP curriculum and student interest.

MATHEMATICS

The mathematics department offers a range of year long sequential courses. The nature of mathematics is such that satisfactory completion of specified prerequisites is necessary for appropriate placement and continued success. Thus, when selecting a course, students and parents are advised to follow department recommendations.

TITLE OF COURSE:	ALGEBRA I
Length of Course:	2 semesters
Credits:	.5 per semester
Prerequisite:	Pre-Algebra
Recommendation:	“C” or better in Pre-Algebra

Brief Description of Course:

Algebra I continues the Pre-Algebra transition from arithmetic to higher levels of abstraction. Emphasis is placed on the language of algebra and the order of operations used to evaluate, simplify, and solve algebraic expressions and equations. Major topics include solving linear and quadratic equations and inequalities, factoring, operations with algebraic fractions and radical expressions, solving systems of linear equations, graphs of linear equations, and an introduction to functions and relations. Applications of algebraic techniques in solving real world situations (word problems) are used throughout the course.

TITLE OF COURSE:	GEOMETRY
Length of Course:	2 semesters
Credits:	.5 per semester
Prerequisite:	Algebra I
Recommendation:	“C” or better in Algebra I

Brief Description of Course:

Students are expected to use both general problem-solving techniques and algebraic methods to solve geometric problems. Emphasis is placed on two- and three-dimensional figures, reasoning, coordinate and transformational geometry, and using models to solve problems. Students are encouraged to develop reasoning skills to aid problem solving and to express their conclusions in a clear, coherent manner. This course also introduces students to the deductive method of using proofs to support or justify reasoning. Students will study surface area, volume, congruency and similarity. The students are introduced to right triangle trigonometry and an introduction to the unit circle. Calculators are used when appropriate, although students are encouraged to determine exact solutions to problems before approximating with calculators. When appropriate, technology is used to motivate concepts, gain insights, and enhance student learning.

TITLE OF COURSE:	ALGEBRA II
Length of Course:	2 semesters
Credits:	.5 per semester
Prerequisite:	Algebra I and in Geometry
Recommendation:	“C” or better in Algebra I and in Geometry

Brief Description of Course:

This advanced course emphasizes an analytical and abstract approach to algebra. It extends concepts, skills, and techniques mastered in Algebra I and Geometry. Topics include real and complex algebraic expressions, equations, inequalities; functions including quadratic, exponential, logarithmic, and natural logarithmic. Time is spent on trigonometric functions, triangle trigonometry, circular functions, and basic identities. Applications of algebraic and trigonometric techniques in solving real world situations are a constantly recurring theme. Technology is used to motivate students’ understanding of concepts, to gain insights, and to enhance student learning.

MATH ELECTIVES

TITLE OF COURSE:	AP CALCULUS
Length of Course:	2 semesters
Credits:	.5 per semester
Prerequisite:	Pre-Calculus
Recommendation:	“B” or better in Pre-Calculus

Brief Description of Course:

This course follows all of the objectives included in the Calculus AB course description / topic outline as it appears at the College Board AP Central. This is a challenging and rigorous course and requires a great deal of commitment from the students both in and out of class. This course emphasizes the connections between the analytical and graphical approaches of limits, derivatives, and integrals. Students enrolled in this course will take the AP Calculus exam in May.

TITLE OF COURSE:	AP STATISTICS
Length of Course:	2 semesters
Credits:	.5 per semester
Prerequisite:	Algebra II
Recommendation:	“B” or better in Algebra II

Brief Description of Course

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: (1) Exploring Data: Describing patterns and departures from patterns; (2) Sampling and Experimentation: Planning and conducting a study; (3) Anticipating Patterns: Exploring random phenomena using probability and simulation; and (4) Statistical Inference: Estimating population parameters and testing hypotheses. Students enrolled in this course will take the AP Statistics exam during the first two weeks of May.

TITLE OF COURSE: DATA ANALYSIS
Grade Level: 11 - 12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Algebra II or Financial Math

Brief Description of Course:

Data Analysis provides students with an introduction to statistics and probability. The focus will be on data collection, interpretation, and presentation with many units involving individual or group projects. Descriptive analysis will be conducted through simulated activities and use of technology and connections are made to data use in additional subjects.

TITLE OF COURSE: FINANCIAL MATH
Grade Level: 11 -12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Geometry and teacher recommendation

Brief Description of Course:

Financial Math is a year-long mathematics course designed to help students make connections between algebra, geometry and real-world applications to finance. In this course, students are actively engaged in their learning as they build conceptual understanding of algebraic and geometric representations of financial mathematics. Further, students recognize that modeling the real world could be complicated; there is not always one right answer, but a range of acceptable solutions. Students routinely explore financial problems using graphing calculators and on-line financial resources. Students become proficient in knowing where to find and how to use the appropriate resource that best supports their needs. Student's ability to estimate and look for reasonable solutions to problems is a critical skill in ascertaining the validity and reliability of computer and calculator resources.

Course Note: This course is not considered a post Algebra II course towards admittance to most postsecondary institutions.

TITLE OF COURSE: PRECALCULUS
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Algebra I, Geometry, and Algebra II
Recommendation: "C" or better in Algebra I, Geometry and Algebra II

Brief Description of Course:

Precalculus provides students with additional advanced work in algebra and trigonometric topics, extending and broadening skills learned in Algebra II. It also introduces the students to topics found in introductory college level mathematics courses, including limits, preparing the students for the study of Calculus. There is a strong emphasis on applications. The use of technology will be used throughout the course; however, the students must be able to prove their answers analytically.

SCIENCES

TITLE OF COURSE: **BIOLOGY**
Grade Level: 9-12
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

Biology investigates the structure and function of living organisms and their interactions with the environment and other living organisms. The course surveys the cellular basis for life, biochemical processes, the principles of heredity, classification systems, environmentally sound practices and bioethics. Lab work is emphasized in the course and students may be asked to participate in the dissection of animal specimens.

TITLE OF COURSE: **CHEMISTRY**
Grade Level: 10-12
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

Chemistry is the study and investigation of the structure and properties of matter. The course is designed as a general survey of chemical concepts. Atomic and molecular structure, chemical formulas and reactions, trends and properties within the Periodic Table, kinetic description of the phases of matter, stoichiometry, solution chemistry, and acid/base chemistry will be covered. Lab work is emphasized in this course. Students should be well prepared upon completion for Advanced Placement Chemistry studies or college level chemistry coursework.

TITLE OF COURSE: **PHYSICS**
Grade Level: 10-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Algebra II

Brief Description of Course:

Physics is the study of the relationship between matter and energy. Areas of exploration include mechanics, heat, waves, light, electricity, and a brief overview of modern physics. A solid math background is strongly recommended. Physics principles will be explored and verified through lab activities. The course is designed to teach students how to think and explain using words as well as mathematics. Students should be well prepared upon completion for college level physics coursework.

SCIENCE ELECTIVES

TITLE OF COURSE:	AP CHEMISTRY
Grade Level:	11-12
Length of Course:	2 semesters
Credits:	.5 per semester
Prerequisite:	“C” or better in Chemistry

Brief Description of Course:

AP Chemistry provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Students enrolled in this course will take the AP Chemistry exam during the first two weeks of May.

TITLE OF COURSE:	ASTRONOMY
Grade level:	10-12
Length of course:	2 semesters
Credits:	.5 per semester

Brief Description of Course:

This course is designed to provide the students with a basic overview of our solar system, galaxy and the universe in which we live. This will include the study of our sun, moon, constellations, and the planets in our solar system. They will also study the history of astronomy, the tools used in astronomy, the lifecycle of stars, space exploration and the search for extraterrestrial life. The course will include nighttime sky viewing.

TITLE OF COURSE:	HUMAN ANATOMY AND PHYSIOLOGY
Grade level:	10-12
Length of course:	2 semesters
Credits:	.5 per semester

Brief Description of Course:

Human Anatomy and Physiology is a biology course for students who are interested in how the human body works. The students will be introduced to the terminology, anatomy, and physiology of how the human body performs as it maintains homeostasis. The class will study the various structures and functions of the major organ systems in the body. The class will also learn how injuries and disease affect the human body and what modern science is doing to combat those diseases.

TITLE OF COURSE: **MARINE SCIENCE**
Grade Level: 11-12
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

This course is designed to explore and learn about the marine world surrounding us here on Kwajalein. It begins with a look at the life within the ocean. We will look at the chemistry of the oceans, the organisms of the oceans, ecosystems and human effects on the ocean. This course will involve lab and field work. Priority will be given to 12th grade students.

TITLE OF COURSE: **ZOOLOGY**
Grade level: 10-12
Course length: 2 semesters
Credits: .5 per semester
Prerequisite: Biology

Brief Description of Course:

This course gives an introduction to zoology, the study of animals and will survey the major phyla of the Kingdom Animalia with particular emphasis on the morphology and systematics of both vertebrates and invertebrates. Zoology students will delve into the diversity of life by studying characteristics, taxonomic relationships, life processes, survival mechanisms, and economic importance among the organisms.

SOCIAL STUDIES

TITLE OF COURSE: **GLOBAL HISTORY AND GEOGRAPHY I**
Grade Level: 9
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

Grade 9 begins with the Paleolithic Era and the development of the first civilizations, continues with an examination of classical societies, and traces the expansion of trade networks and their global impact. The course emphasizes the key themes of interactions over time, shifts in political power, and the role of belief systems.

TITLE OF COURSE: **GLOBAL HISTORY AND GEOGRAPHY II**
Grade Level: 10
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

Grade 10 provides a snapshot of the world circa 1750. The course continues chronologically up to the present. Several concepts are woven throughout the course including industrialization, nationalism, imperialism, conflict, technology, and the interconnectedness of the world. The last three key ideas focus on global issues, applying a more thematic approach.

TITLE OF COURSE: **UNITED STATES HISTORY**
Grade Level: 11
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

Grade 11 begins with the colonial and constitutional foundations of the United States and explores the government structure and functions written in the Constitution. The development of the nation and the political, social, and economic factors that led to the challenges our nation faced in the Civil War are addressed. Industrialization, urbanization, and the accompanying problems are examined, along with America's emergence as a world power, the two world wars of the 20th century, and the Cold War. Students explore the expansion of the federal government, the threat of terrorism, and the place of the United States in an increasingly globalized and interconnected world.

TITLE OF COURSE: AMERICAN DEMOCRACY AND CIVICS
Grade Level: 12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This course provides students with opportunities to become engaged in the political process by acquiring the knowledge and practicing the skills necessary for active citizenship. The course is adaptable to current local, national, and global circumstances, allowing teachers to select flexibly from current events to illuminate key ideas and conceptual understandings. Participation in government and in our communities is fundamental to the success of American democracy.

SOCIAL STUDIES ELECTIVE

TITLE OF COURSE: ECONOMICS
Grade Level: 12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

The Economics (semester) course introduces students to the principles of the United States free market economy in a global context. Students will determine their individual responsibility for managing their personal finances. Students will analyze the role of supply and demand in determining the prices individuals and businesses face in the product and factor markets, and the global nature of these markets. Students will study changes to the workforce in the United States, and the role of entrepreneurs in our economy, as well as the effects of globalization. Students will explore the challenges facing the United States free market economy in a global environment and various policymaking opportunities available to the government to address these challenges.

TITLE OF COURSE: PSYCHOLOGY
Grade Level: 11-12*
Length of Course: 1 semester
Credits: .5 per semester

*This is an upper – level course. A student in grade 10 may be admitted with the prior approval of the instructor and school administration.

Brief Description of Course:

The Psychology (semester) course broadly investigates the behavioral and mental processes of human beings. The course emphasizes multiple theories and current research for students to critically evaluate the practices and subfields within psychology. Students learn to define, apply and use key terms as well as principles of psychology in their own lives. Topics include ethics, study methodologies, human development, abnormal behavior, feelings and emotions, personality, intelligence, altered states of awareness, sleep and dreams, biological basis for behavior, learning and memory, development and individual differences, and psychological disorders.

TITLE OF COURSE: SOCIOLOGY

Grade Level: 11-12*
Length of Course: 1 semester
Credits: .5 per semester

*This is an upper-level course. A student in grade 10 may be admitted with the prior approval of the instructor and school administration.

Brief Description of Course:

The Sociology (semester) course explores human relationships in society. It will emphasize culture, social structure, the individual in society, institutions and social inequality. Students will examine the various skills and techniques that sociologists employ when studying groups of people as well as examine a wide variety of groups and the behaviors that characterize them. Topics of study may include the socio-psychological process, attitude formation and change, interpersonal relations and social group processes. In this increasingly connected world, students will also examine problems in our society and learn how human relationships can influence their own lives as relative to social processes.

TITLE OF COURSE: AP US HISTORY (NEW FOR 2021-2022)

Grade Level: 11 - 12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: 1 year of HS World History
 3.0 GPA or higher in Social Studies

Brief Description of Course:

"The study of the history of the United States, from the age of discovery to the twenty-first century, is the focus of this course. Studying history helps in understanding the present and its relation to the future. The background of the U.S., including native, minority, and European cultures, slavery, industrialization, and modern growth will be explored through various historical thinking skills. This process will prepare students to complete the College Board Advanced Placement U.S. History test."

TITLE OF COURSE: AP EUROPEAN HISTORY (OFFERED 2022-2023)

Grade Level: 11-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: 1 year of HS World History
 3.0 GPA or higher in Social Studies

Brief Description of Course:

The course surveys the history of Europe from the Renaissance to the present, with a strong focus on the development of Western Civilization and the major events that shaped Europe. The course looks at political, social, diplomatic, economic and scientific history with topics such as the Scientific Revolution, the Enlightenment, the French Revolution, Industrialization, the World Wars, and much more. Students should have a strong interest in the subject and a strong aptitude in history. This course is intended to be equivalent to an introductory college-level course in

Western Civilization, which is a graduation requirement for most college students. Students enrolled in this course will take the AP European History exam during the first two weeks of May.

WORLD LANGUAGE

TITLE OF COURSE: FRENCH I
Grade Level: 9-12
Length of Course: 2 semesters
Credits: .5 per semester
Recommendation: Grade of “C” or better in English

Brief Description of Course:

French I is a basic introduction to the language. Vocabulary and grammar skills will be combined with modeled pronunciation skills to reach a basic level of communication. The present tense of the three basic groups of verbs will be presented. An introduction of the past tense will be done near the end of the year. Throughout the year, French culture is also presented by means of lecture, slides, videos, songs, and food. Daily class participation is expected since the emphasis is on communication. Homework is given almost daily and can consist of short written exercises or preparation for a quiz or test.

TITLE OF COURSE: FRENCH II
Grade Level: 10-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: French I

Brief Description of Course:

Material presented in French I will be reviewed and expanded. Grammar and writing skills become more focused to effectuate developed communication skills. Throughout the year, French culture is also presented by means of lecture, slides, videos, songs, and food. Daily class participation is essential for success. Homework is given several times a week and can consist of written exercises or preparation for a quiz or test.

TITLE OF COURSE: FRENCH III
Grade Level: 11-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: French II

Brief Description of Course:

A general review of basic skills will be conducted early in the year. In addition to grammar units, other units involving works of French will be studied to increase acquired vocabulary and grammar skills. Written and oral communication skills will be developed through weekly-directed composition or speeches during the second semester. The increased use of French language skills, both oral and written, is essential for success in this class. This class is

scheduled at the same time as French IV. French III and French IV are both parts of a two-year curriculum. Part A is taught even years; Part B is taught odd years.

TITLE OF COURSE: FRENCH IV
Grade Level: 11-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: French III

Brief Description of Course:

Written language skills will be increased by means of long compositions throughout the year. See course description for French III. This class is scheduled at the same time as French III.

TITLE OF COURSE: SPANISH I
Grade Level: 9-12
Length of Course: 2 semesters
Credits: .5 per semester
Recommendation: Grade of “C” or better in English

Brief Description of Course:

Spanish I is an introduction to Spanish and focuses on the four key areas of world language study: listening, speaking, reading, and writing. The primary purpose of the course is to prepare students to be college-ready, well-rounded global citizens who can communicate effectively in Spanish and are aware of the cultural influences of the Spanish and Latino heritage at home and abroad. Students in this course will learn Spanish phonemes and basic vocabulary including numbers, colors, and greetings. Students will be expected to master proper Spanish sentence constructions, articles and adjectives, subject-verb agreement, and regular and irregular verb conjugations. As part of the course, students will be provided opportunities to read, write, listen, and speak Spanish while they work towards becoming linguistically and culturally literate.

TITLE OF COURSE: SPANISH II
Grade Level: 10-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Spanish I

Brief Description of Course:

Spanish II continues the study of Spanish by expanding meaningful expression in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices that reinforce vocabulary and grammar. This course includes a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students are actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, and take frequent assessments

where their language progression can be monitored.

TITLE OF COURSE:	SPANISH III
Grade Level:	11-12
Length of Course:	2 semesters
Credits:	.5 per semester
Prerequisite:	Spanish II

Brief Description of Course:

Spanish III provides a greater emphasis on the Spanish language, grammar, and culture. Students in this course build on their Spanish knowledge by learning more complex grammatical structures and become equipped to read and understand a variety of literary selections and gain necessary skills to interact verbally and in writing with Spanish speakers in varied social and business situations. Previously learned skills will be reviewed and will serve as a foundation for a more intense study of the Spanish language. Students will read selected literary works such as short stories, letters, and poetry. Oral presentations and short papers will be required. Practical Spanish for everyday situations and for traveling will also be emphasized. Students will also continue to learn about the many cultures throughout the Spanish-speaking world.

TITLE OF COURSE:	SPANISH IV
Grade Level:	11-12
Length of Course:	2 semesters
Credits:	.5 per semester
Prerequisite:	Spanish III

Brief Description of Course:

Spanish IV is an advanced language course that continues with a more in-depth study of Spanish in multiple areas. Student proficiency is increased through an intense approach involving listening, grammar, reading, vocabulary (including idiomatic expressions), speaking and writing skills. Previously learned structures will be reviewed and reinforced, while advanced grammatical structures will be introduced for continued growth in the language. Students will add to their already extensive vocabulary bank with an emphasis on words necessary for improved communication skills. Reading and writing assignments are more challenging as they include authentic literature and essays. Cultural knowledge plays a pivotal role in this course through the integrated study of art, history, film, literature, and music.

PHYSICAL EDUCATION / HEALTH

TITLE OF COURSE: HIGH SCHOOL PE – LIFETIME SPORTS
Grade Level: Recommended 10-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

Each semester, students will concentrate on team and individual sports ranging from flag football, soccer, floor hockey, softball, basketball, racket sports, frisbee activities, personal fitness. The objective in this class is to discover activities and exercises that will help guide students to life-long activity, social interactions, basic sports knowledge, and physical fitness

TITLE OF COURSE: PERSONAL FITNESS/HEALTH
Grade Level: Recommended 9
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

The high school PE/Health class is a yearlong course that integrates health and activity related concepts. The course will assist students in obtaining accurate information, developing lifelong positive attitudes and behaviors, and making wise decisions related to their personal health. Curriculum will include health literacy skills; personal and community health; safety and injury prevention; nutrition and physical activity; mental health; alcohol, tobacco, and other drugs; growth development; family life and sexual health. Students will learn to take responsibility for their own thoughts, feelings, and actions through readings, classroom discussions, and hands-on projects. Students will concentrate on health-related fitness concepts: aerobic fitness, muscular strength & endurance, flexibility and body composition. Students will also participate in team and individual sports. In addition, students will learn to build social skills and grow leadership ability through team building activities.

TITLE OF COURSE: STRENGTH & CONDITIONING
Grade Level: Recommended 10-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course

The purpose of this course is to give students the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of strength training, aerobic training, and overall fitness training and conditioning. Course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

FINE ARTS

TITLE OF COURSE: CERAMICS
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This course is perfect for anyone who loves to work with clay, or who has always wanted to try, but was maybe too afraid: all skill levels are welcome. Students will learn about various clay artists and creative styles and techniques of clay construction from around the world. Students will create projects through using traditional hand building methods (pinch, coil and slab construction) and a range of sculptural and surface decoration techniques (textures, carvings, drawing into clay, etc.). If the opportunity arises, students may have the chance to experience throwing on the pottery wheel as well. Students will demonstrate growth in problem solving, controlling the properties of clay to develop complex forms, and strengthening artistic expression and critical thinking. The development of technical skills and artistic vocabulary is emphasized as students create artwork which begins in the sketching and drawing stages, then progresses into final clay pieces.

TITLE OF COURSE: DRAWING
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This course is centered around teaching students (of all skill levels) to get comfortable with drawing, as it is the foundation for other kinds of art. This course offers students the chance to explore a broad range of approaches to art through sketching, formal drawing techniques, and various artistic styles and movements. Students will learn to draw from both observation and imagination and will have the chance to work with media such as color pencil, chalk, charcoal, oil pastel, art marker, pen, ink, crayon, clay, metal, watercolor crayons and pencils, and specialized drawing pencils. Development of technical skills and artistic vocabulary will correspond with concepts/projects such as contour drawings, black and white value studies, color theory, still life, portraits, figure drawing, landscape drawing, drawing animals, drawing on clay, tooling on metal, grid drawing, large scale drawing, and abstract compositions, plus alternative approaches which encourage the constant creative process involved with art.

TITLE OF COURSE: **STUDIO ART**
Grade level: 9-12
Course length: 2 semesters
Credits: .5 per semester

Brief Description of Course:

This course is designed for students who would like to develop fundamental art-making techniques by experimenting with a range of media that will include drawing, painting, sculpture, weaving and mixed media utilizing science concepts. Emphasis will be placed on utilizing the elements and principles of art, as well as practicing techniques and other skills appropriate to the specific medium. Unit themes will draw both inspiration and materials from the island environment and culture. Willingness to get involved in the creative process is a more important requirement than the student's talent or previous experience.

TITLE OF COURSE: **APPLIED DIGITAL SKILLS AND ANIMATION**
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This project-based course prepares students for the growing number of jobs that require basic digital skills. Problem-solving and creativity are essential skills for jobs of the future. Students will be able to apply the lessons to their everyday personal, school and work lives. Utilizing a variety of Google applications, students will conduct research, create professional documents and presentations, collaborate via digital environments, manage information efficiently, as well as improve keyboarding skills. In addition, students will learn the fundamental skills of Graphic Design. Topics include behind the scenes look at how Pixar artists do their jobs.

TITLE OF COURSE: **YEARBOOK**
Grade Level: 10-12
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

The ultimate goal of this course is to create and publish a school-wide yearbook for the Kwajalein School System. Comprehending and using publishing terms; organizing and planning yearbook content; meeting deadlines; caption, editorial, and feature writing; editing and revising; photography and basic photo editing; and on-line layout and design skills are emphasized. Yearbook staff members are expected to attend events outside of the regular school day, communicate effectively with school and community members, and positively contribute to the yearbook team. **Approval of the instructor is required, and the class size may be limited.**

TITLE OF COURSE: **FILM AS LITERATURE (NEW 2021-2022)**
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief description of Course:

In this one semester elective we will explore film as a visual text. Students will be pushed to attempt to transform from passive audience members to active film analysts who are able to think and write critically about film. After studying the basic vocabulary and history of cinema, students will analyze the many ways in which films create meaning, including various editing techniques and key elements.

A range of classic and modern films will be examined. Students in this course should expect regular assignments involving reading, writing, and oral presentation. Reading assignments will center on film history, film theory, and film criticism; and writing assignments will include film analysis essays, film reviews, short responses to film, and even dialogue and action for possible movie scenes. If you are interested in studying film as far more than mere entertainment, then *Film as Literature* is for you!

TITLE OF COURSE: **CONCERT BAND**
Grade Level: 9-12
Length of Course: 2 semesters
Credits: 1.0
Prerequisite: Prior experience in Band or Instructor Consent

Brief Description of Course:

Participation in Concert Band is dependent on significant achievement in Junior High Band, knowledge of music fundamentals, and willingness to share the responsibility of maintaining a standard of excellence in the organization. Because ensemble skills are developed throughout the year, it is expected that students will commit to both semesters. There are six to eight performances a year. Repertoire includes a broad exposure to works of major classical composers, extensive study of contemporary serious band literature, seasonal selections for the December concert, and a broad-based survey of world musical cultures. The Concert Band is also proud to support our community at various command ceremonies and the Liberation Day parade on Ebeye, with other community service opportunities scheduled throughout the year.

TITLE OF COURSE: **STAGE BAND**
Grade Level: 9-12
Length of Course: 2 semesters
Credits: .25 per semester
Prerequisite: Invitation from the Director

Brief Description of Course:

Popular jazz styles such as swing, blues, latin, and rock are studied alongside jazz scale modes and improvisation techniques. Membership is based upon invitation of the director, with consideration for significant musical achievement, instrumentation needs of the ensemble, and Concert Band membership as a prerequisite. Rehearsals are after school twice a week from 3:10

to 3:50. Five concerts are performed each year, including the Ballroom Dinner Dance. Pass/Fail credit is awarded based on attendance and participation. Extensive individual practice is required due to the high volume of repertoire studied throughout the year.

TITLE OF COURSE:	FUNDAMENTALS OF GUITAR
Grade Level:	9-12
Length of Course:	2 semesters
Credits:	.5 per semester
Prerequisite:	No previous experience required

Brief Description of Course:

Fundamentals of Guitar is designed for students with no previous guitar experience. The course will cover the basics of the instrument, history, maintenance, performance and basic music theory. Students will receive guidance and direction in solving problems related to playing the guitar at a beginning level and will learn many of the different styles, skills and techniques required to become a successful guitarist. Areas of concentration include correct posture, aural skills, flat-picking, singing songs, rhythmic patterns, chord study, finger-picking styles, musical forms, improvisation, songwriting and performing experiences. Study will be integrated with many of the social, cultural, technical and scientific concepts connected to the instrument.

At the end of this course students will be able to perform songs on the guitar in both a solo and group setting. They will also possess the fundamental skills to further their study of the instrument.

MISCELLANEOUS ELECTIVES

TITLE OF COURSE:	OFFICE/TEACHER ASSISTANT
Grade Level:	11-12
Length of Course:	1 or 2 semesters
Credits:	.25 per semester

Brief Description of Course:

The teachers or administrators design this experience for those students who indicate a desire to assist with clerical tasks and other appropriate tasks as delegated to them. Only students who are otherwise fully scheduled will be approved to serve as office/teacher aides. Fully scheduled for purposes here shall mean scheduled into a minimum of six (6) classes. All students placed as an office/teacher aide must have approval of the school counselor and/or the principal.

CAREER TECHNICAL EDUCATION (CTE) **DEPARTMENT**

KSS Career and Technical Education Program

Kwajalein School System (KSS) is developing a Career and Technical Education (CTE) Program that will empower students to acquire the necessary academic, technical, and employability skills to enter, compete, and advance in their education and career in a global economy. The KSS CTE Program offers career-related courses to middle and high school students. Career and Technical Education benefits students because it combines workplace skills with rigorous academic work. A CTE class provides students with learning opportunities beyond the traditional classroom and into the world of work. By using a "learning by doing" approach, CTE is about the real world of joining the workforce.

All KSS graduates must complete 2 credits in Career Technical Education, .5 must be a Computer Technology Course, to receive a KSS diploma.

The CTE curriculum is organized around Career Pathways for continued student learning from high school into a two- and/or four-year College, apprenticeship, or workplace. Career Pathways represent a nationwide effort to help schools ensure that students get the knowledge and skills they need for multiple career choices by matching what is taught in the classroom to business and industry standards.

BUSINESS MANAGEMENT (CTE)

TITLE OF COURSE:	PERSONAL FINANCE (NEW FOR 2021 – 2022)
Grade Level:	9-12
Length of Course:	1 semester (1st semester only)
Credits:	.5 per semester

Brief Description of Course:

This course teaches students how to plan and manage their personal finances; how to live a financially successful life; and what their financial responsibilities are as citizens. Topics include budgeting, identity theft, saving, investing, risk management, and careful use of credit. The real-world focus of this course makes it relevant and meaningful to those just starting down the path to personal financial independence.

TITLE OF COURSE: ENTREPRENEURSHIP (NEW FOR 2021 – 2022)
Grade Level: 9-12
Length of Course: 1 semester (offered 2nd semester only)
Credits: 5 per semester

Brief Description of Course:

In this introductory course, students learn the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students develop the core skills they need to be successful. They learn how to develop new business ideas, attract investors, market their business, and manage expenses.

COMMUNICATIONS MEDIA (CTE)

TITLE OF COURSE: YEARBOOK
Grade Level: 10-12
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

The ultimate goal of this course is to create and publish a school-wide yearbook for the Kwajalein School System. Comprehending and using publishing terms; organizing and planning yearbook content; meeting deadlines; caption, editorial, and feature writing; editing and revising; photography and basic photo editing; and on-line layout and design skills are emphasized. Yearbook staff members are expected to attend events outside of the regular school day, communicate effectively with school and community members, and positively contribute to the yearbook team. **Approval of the instructor is required, and the class size may be limited.**

COMPUTER SCIENCE ELECTIVES (CTE)

TITLE OF COURSE: INTRODUCTION TO COMPUTER PROGRAMMING
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This course introduces students to the field of computer science and the fundamentals of computer programming. Topics will include vocabulary, data types, algorithms, object-oriented programs, functions, arrays, as well as logic and computational thinking. This course is an introduction and is not an all-inclusive programming course. It is expected that interested; successful students will continue their training with additional programming courses to further their knowledge.

TITLE OF COURSE: **APPLIED DIGITAL SKILLS AND ANIMATION**
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This project-based course prepares students for the growing number of jobs that require basic digital skills. Problem-solving and creativity are essential skills for jobs of the future. Students will be able to apply the lessons to their everyday personal, school and work lives. Utilizing a variety of Google applications, students will conduct research, create professional documents and presentations, collaborate via digital environments, manage information efficiently, as well as improve keyboarding skills. In addition, students will learn the fundamental skills of Graphic Design. Topics include behind the scenes look at how Pixar artists do their jobs.

TITLE OF COURSE: **WEB DESIGN**
Grade Level: 9-12
Length of Course: 1 semester (1st semester only)
Credits: .5 per semester

Brief Description of Course:

This is a project-based course that teaches students how to write the code behind web sites, and ultimately build web pages of their own. Students will learn the web development languages of HTML and CSS, and will create their own live homepages to serve as portfolios of their creations. Students will also have the opportunity to help manage and contribute to the school website.

TITLE OF COURSE: **GAME DESIGN**
Grade Level: 9-12
Length of Course: 1 semester (2nd semester only)
Credits: .5 per semester
Prerequisite: Intro to Computer Programming

Brief Description of Course:

This is a project-based course that teaches students how not only code games using the Javascript programming language, but also introduces students to game design theory (goals, mechanics, rules, etc). Students will create their own board game, as well as their own computer game.

TITLE OF COURSE: AP COMPUTER SCIENCE PRINCIPLES
Grade Level: 11-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Intro to Computer Programming, Algebra I

Brief Description of Course:

This course introduces students to the foundational concepts of computer science and explores the impact computing and technology have on our society. With a unique focus on creative problem solving and real-world applications, the course gives students the opportunity to explore several important topics of computing using their own ideas and creativity, use the power of computing to create artifacts of personal value, and develop an interest in computer science that will foster further endeavors in the field.

TITLE OF COURSE: COMPUTER SERVICE & SUPPORT – HARDWARE
Grade Level: 9-12
Length of Course: 1 semester (1st semester)
Credits: .5 per semester

Brief Description of Course:

This course introduces the student to maintenance, upgrading, setup, and expansion of personal computer hardware. This course helps students prepare for the IT industry recognized CompTIA A+ Certification 220-100. Additional studying beyond the classroom may be required by students to fully prepare for the A+ exam.

TITLE OF COURSE: COMPUTER SERVICE & SUPPORT – SOFTWARE
Grade Level: 9-12
Length of Course: 1 semester (2nd semester)
Credits: .5 per semester

Brief Description of Course:

This course provides students the knowledge and skills required to install and configure PC operating systems and configure common features, such as network connectivity and email for mobile operating systems. This course helps students prepare for the IT industry recognized CompTIA A+ Certification 220-102. Additional studying beyond the classroom may be required by students to fully prepare for the A+ exam.

TITLE OF COURSE: NETWORKING
Grade Level: 10-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Computer Service & Support – Hardware & Software

Brief Description of Course:

This class prepares students for the CompTIA Network+ exam (n10-007). Network+ helps develop a career in IT infrastructure covering troubleshooting, configuring, and managing

networks. This course ensures a student has the knowledge and skills to: Design and implement functional networks, configure, manage, and maintain essential network devices, and troubleshoot network problems. Additional studying beyond the classroom may be required by students to fully prepare for the Network+ exam.

TITLE OF COURSE:	SECURITY
Grade Level:	11-12
Length of Course:	2 semesters
Credits:	.5 per semester
Prerequisite:	Networking

Brief Description of Course:

This class prepares students for the CompTIA Security+ exam (sy0-501). CompTIA Security+ establishes the core knowledge required of any cybersecurity role and provides a springboard to intermediate-level cybersecurity jobs. Cybersecurity professionals with Security+ know how to address security incidents – not just identify them. Additional studying beyond the classroom may be required by students to fully prepare for the Network+ exam.

ENGINEERING (CTE)

TITLE OF COURSE: **PRINCIPLES OF ENGINEERING**
Grade Level: 9-12
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

The focus of the POE course is to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based learning, used in combination with a teaming approach. Students will develop problem-solving skills and apply their knowledge of scientific concepts, mathematics, research and design to create solutions to various challenges that increase in difficulty throughout the course.

TITLE OF COURSE: **PRINCIPLES OF ENGINEERING II - ENGINEERING APPLICATIONS (NEW FOR 2021 – 2022)**
Grade Level: 9-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Principles of Engineering

Brief Description of Course:

The focus of POE II is to apply the lessons from POE I in some large-scale project-based activities. POE II students would each select a problem and then engineer solutions. Some examples will include the building, testing, and improvement of a wind turbine or other power system. Other students may complete the design and build off other real-world engineering applications. Design, creativity, problem-solving, and technology skills will be used and grown in this course.

VOCATIONAL/INDUSTRIAL (CTE)

TITLE OF COURSE: **INTRODUCTION TO CULINARY ARTS**
Grade Level: 9-12
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

Introduction to Culinary Arts students investigate food safety and sanitation, culinary preparation foundations, basic culinary skills, diverse cuisines, service styles, nutrition and menu development, and the economics of food. Students also explore postsecondary education options and career opportunities within the food service industry.

TITLE OF COURSE: **PUBLIC SPEAKING (NEW FOR 2021-2022)**
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course

In this one semester elective students are offered an overview of the process of communication. Students will be provided with a variety of public speaking experiences. They will gain an understanding of the techniques used in formal public speaking including listening skills, speech preparation, use of body language, and research methods. Students will apply techniques to complete a variety of activities involving preparing speeches to inform, entertain and persuade. Students will also engage panel discussions, speech and communication analysis, and oral interpretations of literature

TITLE OF COURSE: **WOODS I**
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This is an introductory course designed to introduce the high school student to the various skills in the industrial technology field. Students will receive instruction in using hand tools; portable electric power tools; woodworking machinery; glues and fasteners; project design, parts creation, assembly and finishing; electrical components; basic bicycle repair, and industrial materials. Students will create a furniture project to take home at no cost. Safety will be stressed throughout the course, along with teamwork and problem-solving skills.

TITLE OF COURSE: **WOODS II**
Grade Level: 10-12
Length of Course: 2 semesters
Credits: .5 per semester
Pre-Requisite: Woods

Brief Description of Course:

This is a course designed to expand on the various skills in the industrial technology field that were learned in the Woods-I course. Students will receive RefTRA (refresher training) in using hand tools; portable electric power tools; woodworking machinery; glues and fasteners; project design, parts creation, assembly and finishing, and industrial materials. Additional instruction will be given in advanced wood lathe techniques; engraving; wood bending; tool sharpening, and heat treatment of metals. Students will create a furniture project to take home at no cost and can craft additional projects as time permits. Safety will be stressed throughout the course, along with teamwork and problem-solving skills.

TITLE OF COURSE: **ADVANCED WOODWORKING**
Grade Level: 11-12
Length of Course: 1 or 2 semesters
Credits: .5 per semester
Pre-Requisite: Woods II

Brief Description of Course:

This is an advanced course designed to expand on the various skills in the industrial technology field that were learned in the Woods-II course. Students will receive RefTRA (refresher training) in using hand tools; portable electric power tools; woodworking machinery; glues and fasteners; project design, parts creation, assembly and finishing; industrial materials; advanced wood lathe techniques; wood bending; use of the portable sawmill; tool sharpening, and heat treatment of metals. Additional instruction will be given on metal lathe operations; tool creation, and cutlery manufacture. Students will create a furniture project to take home at no cost and can craft additional projects as time permits. Safety will be stressed throughout the course along with teamwork and problem-solving skills.

Career and Technical Education Pathways

KSS Career and Technical Education Program

Kwajalein School System (KSS) is developing a Career and Technical Education (CTE) Program that will empower students to acquire the necessary academic, technical, and employability skills to enter, compete, and advance in their education and career in a global economy.

The KSS CTE Program offers career-related courses to middle and high school students. Career and Technical Education benefits students because it combines workplace skills with rigorous academic work. A CTE class provides students with learning opportunities beyond the traditional classroom and into the world of work. By using a "learning by doing" approach, CTE is about the real world of joining the workforce.

All KSS graduates must complete 2 credits in Career Technical Education, .5 must be a Computer Technology Course, to receive a KSS diploma.

The CTE curriculum is organized around Career Pathways for continued student learning from high school into a two- and/or four-year College, apprenticeship, or workplace. Career Pathways represent a nationwide effort to help schools ensure that students get the knowledge and skills they need for multiple career choices by matching what is taught in the classroom to business and industry standards.

High School Career Pathways

Each Career Pathway focuses on the specific courses and experiences that prepare students for two-year and four-year colleges, and the workplace. We encourage KSS students to choose their pathway based on their interests and then we guide them into the appropriate coursework. Working with our students to explore the world of work, they begin to understand the importance of academic subjects like math, science and English in the context of their career interest.

To earn a Career Pathway Endorsement a student must complete 4 credits within a Career Pathway Curriculum; a sequence of prescribed courses. When they complete their curriculum pathway, the endorsement appears as a notation on their transcript. Students are encouraged to plan out their Career Pathway with their advisor.

Pathway: Business Financial Management & Accounting

Course Name	Credits	Grade Levels
Intro to Business	.5	9, 10, 11, 12
Business Law	.5	9, 10, 11, 12
Accounting I	.5	9, 10, 11, 12
Accounting II <i>Prerequisite: Accounting I</i>	.5	9, 10, 11, 12
Business Electives <i>See page 24</i>	2.0	9, 10, 11, 12
TOTAL CREDITS	4.0	

Pathway: Information Support & Services – Programming

Course Name	Credits	Grade Levels
Intro to Computer Programming <i>See page 25</i>	.5	8, 9, 10, 11, 12
AP – Computer Science Principles <i>See page 26</i> <i>Prerequisite: Intro to Computer Program.</i>	1.0	11, 12
AP – Computer Science A <i>Prerequisite: Intro to Computer Program.</i>	1.0	11, 12
Computer Science Electives <i>See pages 25-27</i>	1.5	9, 10, 11, 12
TOTAL CREDITS	4.0	

Pathway: Information Support & Services - Networking

Course Name	Credits	Grade Level
Computer Service & Support Hardware (1st semester) Software (2nd semester) <i>See pages 26-27</i>	1.0	9, 10, 11, 12
Networking <i>See page 27</i> <i>Prerequisite: Computer Service & Support</i>	1.0	10, 11, 12
Security <i>See page 27</i> <i>Prerequisite: Networking</i>	1.0	11, 12
Computer Science Electives <i>See pages 25 - 27</i>	1.0	9, 10, 11, 12
TOTAL CREDITS	4.0	

* Students wishing to take the CompTIA exams may do so through a Pearson Vue testing center. Test vouchers may be purchased at a reduced price through KSS.