

Kwajalein Senior High School Course Descriptions

2023-2024



Kwajalein School System
Kwajalein Junior-Senior High School
Unit 17001 Box 76
APO AP 96555-0100
Ph: 480-2011 (on island)
Ph: 808-580-2011 (off island)
Fax: 808-580-2016

Dear Student,

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. We are excited to support your learning with the variety of courses we are able to offer at Kwajalein Schools.

As a student, it is very important 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 we look forward to building our Spartan community. If you have questions, please do not hesitate to ask. We are here for you. Your success as a student and young adult is our number one goal!

Sincerely,

Dr. Matthew Gerber
High School Principal
Kwajalein Junior-Senior High School

Graduation Requirements

*Pending School Advisory Council final approval

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 Note: Honors diploma requires completion of one semester of Economics Literacy.
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) ● 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) ● 1.0 credit (Physics) 	3.0 credits	3.0 credits
World Language	<ul style="list-style-type: none"> ● 2.0 credits Note: Credits must be sequential and in the same language.	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, creative writing, digital arts, 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 Economic Literacy ● 4 AP Courses 	Not Required	0.5 credit
<i>Economic Literacy: Courses meeting this requirement</i>	Economics, AP Human Geography, Environmental Science, Business and Personal Finance, Management Foundations, Marketing Entrepreneurship, Financial Literacy, Financial Algebra, Management and International Business, AP Macroeconomics and Microeconomics, AP Comparative Government and Politics		
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.

Advanced Placement Courses

Students who enroll in advanced placement classes are expected to complete both semesters of the class and to take the associated exam at the end of the year.

Year Long Courses

Students who enroll in courses which span two semesters are expected to remain enrolled in the class for the duration of the year.

** Designates classes which will be dependent on the teacher hiring process.

ENGLISH LANGUAGE ARTS COURSES

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: *A Separate Peace*, *Of Mice and Men*, *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. To accomplish this, students will read from an extensive selection of World Literature spanning all literary genres. (see reading list)

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*, *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 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 Things They Carried, The Narrative of the Life of Frederick Douglass, Their Eyes Were Watching God, The Great Gatsby, Fahrenheit 451, A Lesson Before Dying, The Awakening, 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 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: *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 2023-24)
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 AP English Literature and Composition course is aligned with an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of literature to deepen understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work’s structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Students will be prepared for life and the world of college and work by learning how to think critically, creatively, collaboratively, and compassionately.

Reading List: Reading lists will be adjusted regularly in compliance with AP curriculum and student interest. Texts may include *Frankenstein*, *the Leavers*, *Homegoing*, *The Awakening*, *Counting Descent*, and other collections

TITLE OF COURSE: AP LANGUAGE & COMPOSITION
(OFFERED 2024-25)
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, the study of effective speaking or writing, and the art of persuasion. AP Language students will study a variety of texts – ranging from non-fiction and fiction books, 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. As students study these arguments, they will learn how to apply the basic principles of rhetoric to their own writing in order to refine their argumentative abilities. Throughout the year, students will have the opportunity to develop their own writing style through a study of syntax, abstraction, and style.

Reading List: Reading lists will be adjusted regularly in compliance with AP curriculum and student interest. Texts may include *Stolen Focus*, *Just Mercy*, *Fahrenheit 451*, *Braiding Sweetgrass*, and *Exit West*.

TITLE OF COURSE: **CREATIVE WRITING**
Grade Level: 9 - 12
Length of Course: 2 semesters
Credits: .5 per semester (Qualifies as Fine Arts Credit)

Brief Description of Course:

Through a study of how language is used to make art, particularly in literature and film, students will develop their own writing in various genres as well as examine and try out successful techniques of good writing. This course utilizes writing workshops where students collaborate and develop their writing skills. Students will also have the opportunity and support to pursue writing projects of their choice, and to be part of the editorial team that publishes Kōnono, the school's creative Arts Magazine. Fine arts credit can be earned in this class.

HIGH SCHOOL MATHEMATICS COURSES

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 level mathematics. 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 will 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 will develop reasoning skills to aid problem solving and will 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, congruence and similarity. 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 Geometry
Recommendation: “C” or better in Algebra I and 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 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.

MATHEMATICS ELECTIVES

TITLE OF COURSE: **STATISTICS**
Grade Level: 11 - 12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Algebra II

Brief Description of Course:

Statistics is an introductory course and does not assume prior knowledge of any probability or statistics. This course focuses on the process of collecting, analyzing, and interpreting data. Students will use technology to investigate categorical and quantitative data, as well as the math foundations behind these programs. Topics include displaying data, measures of center and variability, normal distribution, correlation, sampling, probability, and random variables. Activities and examples throughout the course focus on real-world connections and applications.

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

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.

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

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.

SCIENCE COURSES

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 (2023-24)
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 coursework 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.

TITLE OF COURSE:	AP PHYSICS 1 (2024-25)
Grade Level:	11-12
Length of Course:	2 semesters
Credits:	.5 per semester
Prerequisite:	Algebra II

Brief Description of Course:

AP Physics 1 is an algebra based physics course. It will provide the students with a college-level foundation to support advanced work in the math, sciences and engineering courses they will encounter in college. Students will cultivate their understanding of physics through inquiry-based investigations, as they explore topics in classical mechanics such as: Kinematics, Dynamics, Circular Motion, Gravitation, Energy, Momentum, Simple Harmonic Motion, Torques and Rotational Motion.

TITLE OF COURSE:	HUMAN ANATOMY AND PHYSIOLOGY
Grade level:	10-12
Length of course:	2 semesters
Credits:	.5 per semester
Prerequisite:	C or better in Biology

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: 10-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Biology

Brief Description of Course:

This course is designed to explore and learn about the marine world surrounding us here on Kwajalein. Students will study marine organisms, ecosystems, and human effects on the ocean. This course will involve lab and field work; and students will be expected to participate in animal dissections and snorkeling. Priority will be given to 12th grade students.

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

Brief Description of Course:

This project based course is designed as a capstone experience to marine biology. Students in this course will take a leading role in the Coral Restoration Project, Wotho Atoll Hope Spot, Plastic Pollution, and/or other year long Marine Biology focused projects. The instructor will lead students to identify a problem or project to be addressed by the student during the course. The student will conduct research, log and report data, determine and implement solutions, and prepare to hand progress to future students. This class is the final course required to earn a Marine Science Pathway Certificate.

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

Brief Description of Course:

Environmental science is a course dedicated to understanding the interactions between earth's natural systems and the demands placed on them by the human population. This course examines the scientific principles behind natural phenomena and resource cycles, explores how we utilize these systems and our impact, and potential solutions for the resulting consequences of resource mismanagement and exploitation. The course includes elements of life science, physical science, and social science and focuses on breadth and interrelatedness of relevant current events. Concepts can be explored through inquiry based laboratory exercises, environmental health assessment techniques, student presentations and projects.

Please see Page 30-36 for information about Principles of Engineering, Civil Engineering & Architecture, and Engineering Capstone Classes.

SOCIAL STUDIES

**TITLE OF COURSE: GLOBAL HISTORY AND GEOGRAPHY I
WORLD HISTORY - ANCIENT**

Grade Level: 9-12
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

Ancient World History 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
WORLD HISTORY - MODERN**

Grade Level: 9-12
Length of Course: 2 semesters
Credits: .5 per semester

Brief Description of Course:

Modern World History 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 (GOV)
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

*Required for a student that is seeking to graduate with an Honors Diploma.

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
Grade Level: 11-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: 1 year of HS World History
Recommended: 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
Grade Level: 10-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: 1 year of HS World History
Recommended: 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.

TITLE OF COURSE: AP HUMAN GEOGRAPHY*
Grade Level: 9-12
Length of Course: 2 semesters
Credits: .5 per semester
Recommended 3.0 GPA or higher in Social Studies

*Satisfies economics requirement for students seeking to graduate with an Honors Diploma.

Brief Description of Course:

As a college-level, year-long course, AP Human Geography is designed to guide students in their exploration of geographic concepts, theories, models, and systems in preparation for the Advanced Placement Human Geography Exam. Topics covered in this course include human-environmental interactions, population, culture, politics, economics, agriculture and urban land use, and industrialization. Success in this course comes in developing an ability and willingness to ask, speculate on, and answer questions about why things are the way they are and how they got there. Students will be able to pose questions about their surroundings: Where is something located? Why is it there? What are the consequences of its locations and associations? By acquiring, organizing, and analyzing geographic information we will attempt to develop generalizations and conclusions about ourselves and the world around us. Geography is much more than memorizing place names on a map! As such, throughout the year, we will study the many ways places on earth differ from one another, the way people organize themselves and use the earth's resources, as well as the complex relationships that exist between people and the environments in which they live.

TITLE OF COURSE: CULTURE, GEOGRAPHY, & HISTORY OF THE RMI
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This course teaches students about the host nation, The Republic of the Marshall Islands. Students will learn the history of the RMI, dating back to its earliest settlers through modern day. Students will learn about the RMI Government, the geography of the country and the numerous islands and atolls that make it up. Content will also include studying the unique traditions of the local culture.

WORLD LANGUAGE COURSES

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 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 lectures, 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.

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.

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 COURSES

TITLE OF COURSE: HIGH SCHOOL PE - PERSONAL FITNESS/HEALTH
Grade Level: Recommended 9
Length of Course: 2 semesters
Credits: .5 per semester (.5 PE, .5 Health)

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: 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, and 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: 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.

ART COURSES

TITLE OF COURSE: **ART FUNDAMENTALS (2023-24)**

Grade Level: 9-12

Length of Course: 1 semester, 1st semester

Credits: .5 per semester

Brief Description of Course:

Remember all of the wonderful things you loved about Art when you were little? Well, this is a taste of all those wonderful things, but introduced to you at a more advanced level with upgraded supplies and tools. Students will learn about various artists, styles, and techniques from around the world; backed by a strong foundation in the Art Elements and Principles of Design. Students will have the opportunity to express themselves through drawing, ceramics, sculpture, weaving, printmaking, collage, painting, and design. 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 pieces. This Art course is perfect for anyone because it offers a little bit of everything, and all skill levels are welcome.

TITLE OF COURSE: **PAINTING (2023-24)**

Grade Level: 9-12

Length of Course: 1 semester, 2nd semester

Credits: .5 per semester

Brief Description of Course:

This course offers an in-depth exploration into the magical world of painting! This course is geared towards helping students develop their own style of painting and all levels of skill are welcome. Students will have the opportunity to learn about various painters and their unique styles of painting (both Classic and Modern day—think Bob Ross) and will express themselves through acrylic, impasto, ink, and mixed media. Students will work in both two-dimensional and low relief (shallow carving on flat surface) design, learning how paintings can have both textural and sculptural qualities that extend beyond the flat page or canvas. 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 paintings.

The following Art courses are offered in subsequent years. They are listed here for informational purposes to help inform students of the options available in the future.

TITLE OF COURSE: CERAMICS (2024-25)
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This course offers a glimpse into the amazing world of clay! 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.). 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 (2024-25)
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

Drawing can be an intimidating medium; however, 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: **SCULPTURE (2025-26)**
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This course opens a window into the remarkable realm of the sculptor! Students (of all skill levels) will be introduced to a wide range of sculpting tools and will be creating with media such as clay, plaster, papier-mâché, wire, and various other materials. Famous sculptors and their styles/techniques will be covered to correspond with each project. Students will have the chance to create some sculptures independently, as they become aware of their individual style and their confidence and skills grow. 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 sculptures.

TITLE OF COURSE: **WATERCOLOR PAINTING (2025-26)**
Grade Level: 9-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This course offers a detailed look into the extraordinary world of watercolor painting! Through painting, students (of all skill levels) will learn about various artists, techniques and styles; all the while fine tuning their own unique style of watercolor painting. If weather and scheduling cooperate, students will also have the chance to experience the style of *En Plein Aire* (painting outside): think of the beach paintings! 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 paintings.

DIGITAL ARTS COURSE

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.

PERFORMING ARTS

TITLE OF COURSE:	CONCERT BAND
Grade Level:	9-12
Length of Course:	Full Year
Credits:	1 credit
Prerequisite:	Previous band experience

Brief Description of Course:

Participation in this full-year course 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. A diverse repertoire of music is studied and performed, with emphasis on rehearsal etiquette, ensemble skills, music literacy and music theory. This ensemble enjoys an extensive performance schedule, and is regularly called upon to serve the Kwajalein community for special ceremonies and events.

TITLE OF COURSE:	STAGE BAND
Grade Level:	9-12
Length of Course:	Full Year
Credits:	.5 credit per semester
Prerequisite:	Current Member or by Teacher Invitation

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 Wednesdays and Fridays from 3:10 to 3:50. Four 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. Membership is limited and prospective students will be invited to audition.

TITLE OF COURSE:	BEGINNING BAND
Grade Level:	7-11
Length of Course:	1 semester
Credits:	.5 credit

Brief Description of Course:

This course is intended for students with no previous instrumental music experience, with the goal of joining the Kwajalein Jr/Sr HS Band program. Instrument selection will be based on availability, student preferences, and the needs of the ensemble. Students will enjoy individualized instruction as they learn the basics of music literacy and instrument specific performance skills. Extensive practice outside of class is required to ensure the appropriate level of achievement at the end of this course for placement into the ensemble class. This is a one semester course, which occurs during zero hour, and is not repeated.

CAREER & TECHNICAL EDUCATION (CTE)

KSS Career and Technical Education Program

Kwajalein School System (KSS) offers a variety of courses in the 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. CTE 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, of which .5 must be a Computer Technology Course, to receive a KSS diploma.

COMPUTER SCIENCES COURSES

TITLE OF COURSE:	APPLIED DIGITAL SKILLS AND ANIMATION
Grade Level:	7-12
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.

TITLE OF COURSE:	WEB DESIGN
Grade Level:	9-12
Length of Course:	1 semester (1 st 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: **YEARBOOK**
Grade Level: 9-12
Length of Course: 2 semesters
Credits: .5 per semester (May qualify as Fine Arts Credit)

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.

TITLE OF COURSE: **INTRO TO COMPUTER PROGRAMMING (CODING I)**
Grade Level: 8-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This project based course introduces students to the fundamentals of computer programming. Languages include: Java Script, HTML, CSS, and Python. This course also includes an emphasis on typing accuracy and speed. This is an introduction to computer programming and Computer Science; it is not an all-inclusive programming course.

TITLE OF COURSE: **CODING II**
Grade Level: 8-12
Length of Course: 1 semester
Credits: .5 per semester

Brief Description of Course:

This project based course introduces students to the fundamentals of computer programming. Languages include: Java Script, HTML, CSS, and Python. This course also includes an emphasis on typing accuracy and speed. This is an introduction to computer programming and Computer Science; it is not an all-inclusive programming course.

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 220-110. 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 220-1102. Additional studying beyond the classroom may be required by students to fully prepare for the A+ exam.

TITLE OF COURSE: **AP COMPUTER SCIENCE PRINCIPLES**
Grade Level: 10 - 12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Coding I, 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: **AP COMPUTER SCIENCE A**
Grade Level: 10-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Coding II, Algebra I

Brief Description of Course:

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. It is recommended that students have successfully completed a first year high school algebra course with a strong foundation of basic linear functions, composition of functions, and problem-solving strategies that require multiple approaches and collaborative efforts. In addition, students should be able to use a Cartesian (x, y) coordinate system to represent points on a plane. This computer science course builds upon a foundation of mathematical reasoning that should be acquired before attempting such a course.

ENGINEERING COURSES

TITLE OF COURSE:	PRINCIPLES OF ENGINEERING (2023-24)
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:	CIVIL ENGINEERING & ARCHITECTURE (2024-25)
Grade Level:	9-12
Length of Course:	2 semesters
Credits:	.5 per semester

Brief Description of Course:

The focus of this course is to explore the world of civil engineering and architecture. Students will develop skills related to design, creativity, problem-solving, and technology. This course will be beneficial to all students by deepening understanding of the built world and how design factors into the infrastructure of our society. The course will involve practical labs, explorations, and real world applications.

TITLE OF COURSE:	ENGINEERING CAPSTONE PROJECT
Grade Level:	11-12
Length of Course:	2 semesters
Credits:	.5 per semester
Prerequisite:	Principles of Engineering or Marine Science

Brief Description of Course:

This project based course is designed as a capstone experience for engineering. The instructor will lead students to identify a problem or project to be addressed by the student during the course. The student will conduct research, log and report data, determine and implement solutions, and prepare to hand progress to future students. This class is the final course required to earn an Engineering Pathway Certificate.

VOCATIONAL/INDUSTRIAL COURSES

TITLE OF COURSE: **CULINARY ARTS I**
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: **CULINARY ARTS II**
Grade Level: 10-12
Length of Course: 2 semesters
Credits: .5 per semester
Prerequisite: Culinary Arts I

Brief Description of Course:

Culinary Arts II is the second course in the Culinary Arts Pathway. This course focuses on the food industry and catering operations. This course consists of practical training in the kitchen. Students will learn advanced knife skills and food preparation techniques as well as practical sanitation skills. Further advanced instruction in table service, baking, pastries, and management techniques are emphasized.

TITLE OF COURSE: **INDEPENDENT LIVING**
Grade Level: 10-12
Length of Course: 1-2 semesters
Credits: .5 per semester

Brief Description of Course:

Independent Living students become prepared to meet the challenges of living on their own. Students build life skills focusing on creating and maintaining healthy relationships and making responsible financial, consumer, nutrition, and housing decisions. Contextual instruction and student participation in co-curricular career and technical student organization activities will develop leadership, interpersonal, and career skills. High-quality work-based learning will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

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
Prerequisite: Woods I

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 (WOODS III)**
Grade Level: 11-12
Length of Course: 1 or 2 semesters
Credits: .5 per semester
Prerequisite: 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. Second semester, the students will receive RefTRA on Cutlery manufacture after which they will use designs approved by the teacher. Safety will be stressed throughout the course along with teamwork and problem-solving skills.

AVID ELECTIVES

TITLE OF COURSE: **AVID 11-12**
Grade Level: 11-12
Length of Course: 1 or 2 semesters - during school day, 5 days per week
Credits: .5 per semester

Brief Description of Course:

Advancement Via Individual Determination (AVID) is an elective class offered to students who would like to prepare for four-year universities. The curriculum features writing, inquiry, collaboration, reading, note-taking and study skills, and college/career/motivational activities. This course will focus on the skills and processes needed by 11-12 grade students to prepare to be successful in college. AVID students learn organizational and study skills, develop critical thinking, learn to ask probing questions, receive academic help from peers and college tutors, and participate in enrichment and motivational activities.

TITLE OF COURSE: **AVID 9-10**
Grade Level: 9-10
Length of Course: 1 or 2 semesters - during school day, 5 days per week
Credits: .5 per semester

Brief Description of Course:

Advancement Via Individual Determination (AVID) is an elective class offered to students who would like to prepare for four-year universities. The curriculum features writing, inquiry, collaboration, reading, note-taking and study skills, and college/career/motivational activities. This course will focus on the skills and processes needed by 9-10 grade students to be successful in high school in preparation for. AVID students learn organizational and study skills, develop critical thinking, learn to ask probing questions, receive academic help from peers and college tutors, and participate in enrichment and motivational activities.

TITLE OF COURSE: **AVID (8TH HOUR)**
Grade Level: 9-12
Length of Course: 1 or 2 semesters - 8th hour after school, 2 days per week
Credits: .25 per semester

Brief Description of Course:

Advancement Via Individual Determination (AVID) is an elective class offered to students who would like to prepare for four-year universities. The curriculum features writing, inquiry, collaboration, reading, note-taking and study skills, and college/career/motivational activities. This course will focus on the skills and processes needed by 9-10 grade students to be successful in high school in preparation for. AVID students learn organizational and study skills, develop critical thinking, learn to ask probing questions, receive academic help from peers and college tutors, and participate in enrichment and motivational activities.

OTHER 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.

Internship Opportunities

KSS Internship Program, Opportunities, and Classes

Kwajalein School System (KSS) offers a number of internship opportunities for students. Internships earn .5 credits per semester and require students to log 50 hours, complete reflections and an end of term essay. Internship opportunities in the community provide students chances to learn about various careers and professions. Students interested in learning more about internship opportunities should see the high school counselor.

Career and Technical Education Pathways

KSS Career and Technical Education Program

Kwajalein School System (KSS) offers 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: Information Support & Services –
Programming***

Course Name	Credits	Grade Levels
Computer Programming	.5	8, 9, 10, 11, 12
AP – Computer Science Principles or Computer Science A	1.0	11, 12
Computer Services and Support - Hardware	0.5	10, 11, 12
Computer Services and Support - Software	0.5	10, 11, 12
Computer Science Electives	1.5	9, 10, 11, 12
TOTAL CREDITS	4.0	

Pathway: Engineering

Course Name	Credits	Grade Levels
Principles of Engineering	1.0	9, 10, 11, 12
Civil Engineering and Architecture	1.0	9, 10, 11, 12
Engineering Capstone Project	1.0	10, 11, 12
TOTAL CREDITS	3.0	

Pathway: Marine Science

Course Name	Credits	Grade Levels
Marine Science	1.0	10, 11, 12
Marine Science Capstone Project	1.0	10, 11, 12
TOTAL CREDITS	2.0	

Pathway: Teaching as a Profession

Course Name	Credits	Grade Levels
Psychology	0.5	10, 11, 12
Sociology	0.5	10, 11, 12
Educational Internship I & II	1.0	10, 11, 12
TOTAL CREDITS	3.0	

Pathway: Culinary Arts

Course Name	Credits	Grade Levels
Culinary I	1.0	9, 10, 11, 12
Culinary II	1.0	10, 11, 12
TOTAL CREDITS	2.0	