

# **Kwajalein Senior High School Course Descriptions**

**2019 - 2020**



Kwajalein School System  
Kwajalein Jr/Sr 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 of 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!

Happy Spring!

Tarah Yurovchak  
KHS Principal

**KWAJALEIN JR/SR HIGH SCHOOL**  
Class of 2020 and 2021

**Graduation Requirements**

Students entering 9th grade during SY 2016-2017 (Class of 2020) and SY 2017-2018 (Class of 2021)		
MINIMUM REQUIREMENTS		
Content Area*	Course Requirements	Standard Diploma
English Language Arts	● 4.0 credits (High School Level English)	4.0 credits
Social Studies	● 4.0 credits (High School Level Social Studies)	4.0 credits
Mathematics	● 2.0 credits (High School Level Math)	2.0 credits
Science	● 2.0 credits (High School Level Science)	2.0 credits
Physical Education	● 1.5 credits (High School Level P.E.)	1.5 credits
Health Education	● 0.5 credit (Health Education course offering)	0.5 credit
Computers	● 0.5 credit (Computers course offering)	0.5 credit
Required Courses	14.5 Credits	
Elective Courses	9.5 Credits	
Minimum Total Credits	24.0 Credits	

A total of 24 credits are required for graduation. Students who do not meet graduation requirements will not participate in graduation ceremonies.

## Graduation Requirements

### Class of 2022 and Subsequent School Years

Students entering 9th grade during SY 2018 – 2019 (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"> <li>● 1.0 credit (ELA 9)</li> <li>● 1.0 credit (ELA 10)</li> <li>● 1.0 credit (ELA 11)</li> <li>● 1.0 credit (ELA 12)</li> </ul>	4.0 credits	4.0 credits
Social Studies	<ul style="list-style-type: none"> <li>● 1.0 credit (World History 9 or 10; or Honors Integrated World History 9 or 10)</li> <li>● 1.0 credit (U. S. History)</li> <li>● 0.5 credit (U. S. Government)</li> <li>● 0.5 credit (Social Studies elective)</li> </ul>	3.0 credits	3.0 credits
Mathematics Note: Three credits must be earned in grades 9-12.	<ul style="list-style-type: none"> <li>● 1.0 credit (Algebra I)</li> <li>● 1.0 credit (Geometry)</li> <li>● 1.0 credit (Algebra II or identified equivalent course)</li> <li>● 1.0 credit (Elective Math course)</li> </ul>	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"> <li>● 1.0 credit (Biology)</li> <li>● 1.0 credit (Chemistry or Physics)</li> <li>● 1.0 credit (Science elective)</li> </ul>	3.0 credits	3.0 credits
World Language	<ul style="list-style-type: none"> <li>● 2.0 credits (WL course)</li> </ul> Note: Credits must be in the same WL course.	2.0 credits	2.0 credits
Career Technical Education	<ul style="list-style-type: none"> <li>● 1.5 credits</li> <li>● 0.5 credit (Computer technology CTE course)</li> </ul>	2.0 credits	2.0 credits

<b>Content Area*</b>	<b>Course Requirements</b>	<b>Standard Diploma</b>	<b>Honors Diploma</b>
Physical Education	<ul style="list-style-type: none"> <li>● 0.5 credit (Lifetime Sports)</li> <li>● 0.5 credit (Personal Fitness)</li> <li>● 0.5 credit (Activity &amp; Nutrition or equivalent PE)</li> </ul> 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"> <li>● 1.0 credit (Course in visual arts, music, theater, and/or humanities)</li> </ul>	1.0 credit	1.0 credit
Health Education	<ul style="list-style-type: none"> <li>● 0.5 credit (Health education course offering)</li> </ul>	0.5 credit	0.5 credit
Honors Diploma	<ul style="list-style-type: none"> <li>● 0.5 credit in Economics</li> </ul>	Not Required	0.5 credit
<b>Summary</b>		<b>Standard Diploma</b>	<b>Honors Diploma</b>
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

SAT and/or ACT plus writing college entrance exams.

SAT Subject Tests. Two tests are needed for many selective schools.

# **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 students 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 students 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: *Behind the Beautiful Forevers*, *The Lord of the Flies*, *Julius Caesar/Macbeth*, *To Kill a Mockingbird*, *Sophocles*, *the Tao of Pooh*, 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 11<sup>th</sup> 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.*

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

Brief Description of Course:

The primary purpose of 12<sup>th</sup> grade English is to build on the foundation established in 11<sup>th</sup> 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.*

<b>TITLE OF COURSE:</b>	<b>AP LITERATURE &amp; COMPOSITION</b>
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 and cannot be dropped or downgraded to regular English



12 status. 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.

<b>TITLE OF COURSE:</b>	<b>AP LANGUAGE &amp; COMPOSITION</b>
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, as the class cannot be dropped. 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.

## **ELA ELECTIVES**

<b>TITLE OF COURSE:</b>	<b>CREATIVE WRITING</b>
Grade Level:	10-12
Length of Course:	1 semester
Credits:	.5 per semester

Brief Description of Course:

This course will introduce fiction, nonfiction, script and poetry writing. Students will study the methods and works of various authors, demonstrating understanding through explication, analysis, and application. Students will be expected to participate in a variety of exercises including journal writing, class discussions, peer revising and editing, teaching creative writing lessons to elementary students, and reading original stories and poetry aloud to an audience. Students will write poetry, personal essays, short stories, plays, and other types of creative writing that may be published on bulletin boards, websites, the Hourglass and possibly local and on-line literary magazines such as Teen Ink. Occasional quizzes and a variety of grading rubrics will be used to calculate course grades.

# 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.

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

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.

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

Financial Algebra 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.

<b>TITLE OF COURSE:</b>	<b>PRECALCULUS</b>
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.

<b>TITLE OF COURSE:</b>	<b>AP CALCULUS</b>
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. 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.

<b>TITLE OF COURSE:</b>	<b>AP STATISTICS</b>
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.

## **SCIENCES**

<b>TITLE OF COURSE:</b>	<b>BIOLOGY</b>
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:** AP BIOLOGY  
Grade level: 11-12  
Course length: 2 semesters  
Credits: .5 per semester  
Prerequisite: "C" or better in both Biology and Chemistry

Brief Description of Course:

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes - energy and communication, genetics, information transfer, ecology and interactions. Students enrolled in this course will take the AP Biology exam during the first two weeks of May.

**TITLE OF COURSE:** AP BIOLOGY LAB  
Grade level: 11-12  
Course length: 2 semesters  
Credits: .25 per semester  
Required: **Must also be concurrently enrolled in AP Biology**  
This will be a zero hour course twice a week

Brief Description of Course:

AP Biology Lab provides students with a college-level foundation to support future advanced work in biology and develop investigatory skills. This course is an inquiry-based lab experience that provides opportunities for students to design plans for experiments, data collection, application of mathematical routines, and refinement of testable explanations and predictions. The key concepts and related content are organized around four underlying principles which are evolution, cellular processes: energy and communication, genetics and information transfer, and interactions. Students will be required to attend 2 labs a week during zero hour.

**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: AP CHEMISTRY**

Grade Level: 11-12  
Length of Course: 2 semesters  
Credits: .5 per semester

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: LABORATORY INVESTIGATIONS IN AP CHEMISTRY**

Grade Level: 11 -12  
Length of Course: 2 semesters  
Credits: .25 per semester  
Prerequisite: Must also be concurrently enrolled in AP Chemistry  
This will be a zero hour course twice a week

Brief Description of Course:

Laboratory Investigations in AP Chemistry is an extension of the AP Chemistry class that meets twice weekly, during zero hour, for students to work independently to complete laboratory investigations relating to the content of the AP Chemistry curriculum. Students will develop analytical and investigative skills while strengthening their understanding of the content in the AP course. Emphasis will be placed on questioning, testing predictions, reasoning based on evidence and interpreting authentic data. This class is .25 credits per semester and must be taken in conjunction with the AP Chemistry class.

**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.

**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, the planets of our solar system, as well as stars and other deep space objects. 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:**                   **ZOOLOGY**  
Grade level:                           10-12  
Course length:                       2 semesters  
Credits:                                 .5 per semester  
Prerequisites:                       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.

**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.

# **SOCIAL STUDIES**

**TITLE OF COURSE:**                   **WORLD HISTORY II**  
Grade Level:                           9  
Length of Course:                   2 semesters  
Credits:                                 .5 per semester

Brief Description of Course:

Students will better understand how today's complex world came to be; how events that took place hundreds of years ago, and possibly thousands of miles away, can have a powerful impact on our lives. Several main themes will be emphasized, including continuity and change, political and social systems, religious and value systems, economics and technology, diversity, impact of the individual and global interaction. The course will cover material from the 1400's through the end of the modern day, including key events on each inhabited continent in the world.

**TITLE OF COURSE:**                   **U.S. HISTORY I**  
Grade Level:                           10  
Length of Course:                   2 semesters  
Credits:                                 .5 per semester

Brief Description of Course:

Students will explore the development of the U.S. from pre-colonization through the Gilded Age. Several main themes will be emphasized, including continuity and change, political and social developments, religious and value systems, economics and technology, diversity, impact of the individual and global interaction. Throughout the course, the importance of studying history from multiple perspectives involved will be stressed.

**TITLE OF COURSE:**                   **U.S. HISTORY II**  
Grade Level:                           11  
Length of Course:                   2 semesters  
Credits:                                 .5 per semester

Brief Description of Course:

As a continuation of U.S. History I, this course covers some of the major people, places, dates, and events that are significant in terms of the political, social, and economic development of the United States. The class will begin with the Progressive Movement of the early 1900s, and culminate with Obama presidency and twenty-first century challenges. A broad goal is to have students see beyond themselves and better understand issues of national significance, so as to make informed, reasoned choices on questions that will affect their future and the nation.

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



Brief Description of Course:

This semester-long government course provides students with the opportunities to become engaged in the political process by acquiring the knowledge and practicing the skills necessary for active citizenship. Students will study the foundations of American democracy and review our rights, responsibilities, and duties as citizens. They will gain an understanding of how the US Constitution aims to protect individual freedoms and rights that have been extended to more groups of people over time. Then students will use this historical knowledge to learn how to be active in political and civic life, so that they can better understand and affect change in public policy.

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

Brief Description of Course:

This semester-long economics 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 also explore the challenges facing the US free market economy in a global environment and various policymaking opportunities available to the government to address these challenges.

## **SOCIAL STUDIES ELECTIVES**

**TITLE OF COURSE:**                    **INTRO TO THE GEOGRAPHY OF OCEANIA**  
Grade Level:                            9-12  
Length of Course:                      1 Semester  
Credits:                                    .5 per semester

Brief Description of Course:

This course will help students to better understand the region of the world in which they live. The first half of the class will introduce students to the geography, history, culture, contemporary issues, and arts of the Oceania. The second half of the class will cover the same disciplines, but will specifically focus on the geography, history, culture, and contemporary issues of our host nation, the Republic of the Marshall Islands. Activities will be geared to the student's interests, developmental level, and learning style.

**TITLE OF COURSE:**                    **AP EUROPEAN HISTORY**  
Grade Level:                            10 - 12  
Length of Course:                      2 semesters  
Credits:                                    .5 per semester  
Pre-requisite:                            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.

## **SOCIAL SCIENCES**

**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:

This semester course is a general introduction to psychology, the scientific study of behavior and mental processes. The course will begin with tracing the development of psychology as a science; then survey some of the major principles, concepts, and theories that make up its core. Conducting research, biology and behavior, sensation and perception, and human development are but a few of the topics covered. At course's end, students will have increased their knowledge regarding the workings of the brain, the mind, and behavior, leading to a better understanding of themselves, those around them, and the role of psychology in promoting human welfare.

**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:

This 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. 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.

# WORLD LANGUAGE

<b>TITLE OF COURSE:</b>	<b>FRENCH I</b>
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.

<b>TITLE OF COURSE:</b>	<b>FRENCH II</b>
Grade Level:	10-12
Length of Course:	2 semesters
Credits:	.5 per semester
Pre-Requisite:	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.

<b>TITLE OF COURSE:</b>	<b>FRENCH III</b>
Grade Level:	11-12
Length of Course:	2 semesters
Credits:	.5 per semester
Pre-Requisite:	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  
Pre-Requisite: 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:

This class is designed as a basic introduction to the Spanish language. Speaking, listening, reading, and writing skills will be emphasized in order to begin to develop proficiency in the target language. The cultures of Spanish-speaking peoples will also be introduced.

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

Brief Description of Course:

Material presented in Level I will be reviewed. Speaking, listening, reading, and writing skills will become more developed with an overall emphasis on communication in Spanish. Oral presentations will be required along with written work. The study of the cultures of Spain and Latin America will continue.

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

Brief Description of Course:

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, poetry, and possibly a short novel and plays. Oral presentations and short papers will be required. Practical Spanish for everyday situations and for traveling will also be emphasized. The study of Hispanic cultures will continue.

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

Brief Description of Course:

Spanish III and Spanish IV are a combined class (see description for Spanish III for more information). The curriculum for Spanish III/IV will alternate every other year.

## **WORLD LANGUAGE ELECTIVES**

**TITLE OF COURSE:** INTRO TO JAPANESE LANGUAGE  
Grade Level: 9-12  
Length of Course: 1 Semester  
Credits: .5 per semester

Brief Description of Course:

This course is designed to introduce students to the four basic skill areas: speaking, listening, reading and writing. Japanese has three different writing systems (“alphabets”). This class would focus on introducing students to the two writing systems known as *hiragana* and *katakana*. By learning to visually recognize two different scripts, this class would enable a student to be better prepared to begin an in-depth study of Japanese.

## **PHYSICAL EDUCATION / HEALTH**

**TITLE OF COURSE:** HIGH SCHOOL PE – LIFETIME SPORTS  
Grade Level: 9-12  
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, indoor and outdoor soccer, floor hockey, softball, basketball, bowling, jogging, life-long fitness while concentrating on weight lifting and aerobic activity. Our objective in this class is to discover activities and exercises that will help guide you to life-long activity, social interactions, basic sports knowledge, and physical fitness.

**TITLE OF COURSE:** PHYSICAL EDUCATION/HEALTH  
Grade Level: 9-12  
Length of Course: 1 semester  
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.

<b>TITLE OF COURSE:</b>	<b>STRENGTH &amp; CONDITIONING *</b>
Grade Level:	9-12
Length of Course:	2 semesters
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.

\*This may be a Zero hour class which meets every day from 7:00 am-7:47 am

## **FINE ARTS**

### **ART**

<b>TITLE OF COURSE:</b>	<b>COLLAGE</b>
Grade Level:	9-12
Length of Course:	1 semester
Credits:	.5 per semester

#### Brief Description of Course:

This course offers an in depth exploration into the magical world of collage! Collage is an art form where a collection of unrelated and 2-dimensional materials/objects is arranged and glued down in a certain way to create a unique design. Students will be working with various papers, paints, markers, pencils, glitters, glues, decorative scissors/sheers, hardboards, and canvases. Art assignments will center on a universal theme and will be guided by the Art Elements and Principles of Design. There will also be opportunities to combine drawing and painting with assignments for multi-media experience. Students are strongly encouraged to start collecting items of interest prior to taking the course, as finding these special items can take quite some time and can disrupt the flow of art

production. Suggestions of items for students to collect are as follows: photos, magazine pictures, poems, drawings, special papers, dried flowers, fabric scraps, words, letters, stickers, sheet music, etc.

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

Brief Description of Course:

This course offers artists the chance to explore the interesting art-making style of assemblage. Assemblage is a 3-dimensional version of collage that involves assembling/constructing a new type of sculpture by combining unrelated 3d materials/found objects to create a meaningful design. Students will be working with wood, clay, Sculpey polymer clay, Styrofoam, wire, cardboard, and any found objects they may find. Art assignments will center on a universal theme and will be guided by the Art Elements and Principles of Design. There will also be opportunities to combine a little bit of drawing and painting with assignments for multi-media experience. *Students are strongly encouraged to start collecting items of interest prior to taking the course*, as finding these special items can take quite some time and can disrupt the flow of art production. Suggestions of found objects for students to collect are as follows: shells, old shoes/boots, old sunglasses, trinkets from travels, boxes in various sizes, old toys, beads, picture frames, rocks, various papers/stickers/photos, etc.

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

Brief Description of Course:

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.

## MUSIC

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

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.

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

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 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:**                    **MIXED CHOIR**  
Grade Level:                            9-12  
Length of course:                      2 Semesters  
Credits:                                    .5 per semester

Brief Description of Course:

This course is designed to develop fundamentals of vocal technique and music literacy. Vocal music learning experiences include developing sight-singing skills; rehearsing in one-, two-, three-, and four-part music; basic music theory. Students will experience a wide variety of choral literature in small and large groups, a cappella, and with accompaniment while gaining the confidence to perform for large audiences.

## **OTHER FINE ARTS**

**TITLE OF COURSE:**                    **INTRODUCTION TO DRAMA**  
Grade Level:                            10-12  
Length of Course:                      1 semester  
Credits:                                    .5 per semester

Brief Description of Course

This course will introduce students to the fundamental skills of performing arts. Students will receive training in interpretation and scene development, improvisation, body control, voice, pantomime, line memorization, character development, basic stage and rehearsal terms, theatre etiquette and the audition process. Students will perform ensemble pieces for a variety of audiences throughout the semester, including a final performance of one to three one-acts that is open to the



public. This course emphasizes creative expression and requires daily teamwork, full participation, and a commitment to quality acting in the classroom and in front of audiences. In addition, play practice outside of the classroom will be required. Occasional quizzes and a variety of grading rubrics will be used to calculate course grades.

**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.

**TITLE OF COURSE:**                   **VIRTUAL TUTOR: SAT® & ACT®**  
Grade Level:                           9 -12  
Length of Course:                   1 semester  
Credits:                                 .5 per semester

Brief Description of Course:

This is a one semester course intended for students planning to take the SAT/ACT during SY2019-2020. The focus will be on preparing students for the mathematics [non-calculator and calculator]

portions of these national standardized college entrance exams. There will be online and pencil-and-paper portions to the course. Updated to reflect the 2016 changes to the test, this test preparation course effectively prepares students for all sections of the SAT® exam and ACT® college-entrance exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.

## **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.

### **High School Graduation Requirements for students entering 9<sup>th</sup> grade SY 2018-2019 and subsequent school years.**

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)**

<b>TITLE OF COURSE:</b>	<b>INTRODUCTION TO BUSINESS</b>
Grade Level:	9-12
Length of Course:	1 semester (1 <sup>st</sup> semester)
Credits:	.5 per semester

### Brief Description of Course:

This survey course will expose you accounting, entrepreneurship, finance, marketing, and management. By delving into the five units of this course, you will be able to fine tune your direction and choice of a business career.

<b>TITLE OF COURSE:</b>	<b>BUSINESS LAW</b>
Grade Level:	9-12
Length of Course:	1 semester (2 <sup>nd</sup> semester)
Credits:	.5 per semester
Prerequisite:	Introduction to Business

Brief Description of Course:

This course is designed to acquaint students with the basic legal principles relevant to their roles as citizens, consumers and employees through a mixture of personal, business and consumer law. The content includes the basic characteristics of the American system of free enterprise, rights of private property, basic elements of contracts, employer-employee relations, landlords and tenants, individual rights, wills, and estates, family and juvenile justice law and community property

**TITLE OF COURSE:**                   **INTERNATIONAL BUSINESS**  
Grade Level:                           10 -12  
Length of Course:                   1 semester  
Credits:                                 .5 per semester  
Prerequisite:                         Introduction to Business

Brief Description of Course:

This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected. The course further provides students a conceptual tool by which to understand how economic, social, cultural, political and legal factors influence both domestic and cross-border business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations will all be explored in this course.

**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 (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 is an introduction to the fields of computer science and computer programming. Students will learn about the history of computing, as well as the basics of computer hardware, software, networking and the internet. Students will also be introduced to the field of programming with an overview of key concepts in programming such as algorithms, variables, functions, and more. Students will learn about the software development process and write their own code to help understand key programming concepts.

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

Brief Description of Course:

This is a project-based course that teaches students how to build their own web pages. Students will learn the languages HTML and CSS, and will create their own live homepages to serve as portfolios of their creations. Students will finish this course with tangible, professional, mobile responsive websites.

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

Brief Description of Course:

The possibilities are endless when it comes to video game design! Learn about the history of gaming, software and hardware, trouble shooting, and Internet safety. Tap into your creative abilities and learn the processes used to design your own gaming platforms and create a plan for a 2D game. Turn your hobby into a future career by learning how games get made.

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

Brief Description of Course:

This course introduces the student to maintenance, upgrading, setup, and expansion of personal computer hardware. It also 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+ Certifications.

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

Brief Description of Course:

This class prepares students for the Network+ exam. 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.

## **MATH, SCIENCE AND 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.

## **VOCATIONAL/INDUSTRIAL (CTE)**

**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 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**  
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.

**TITLE OF COURSE:**                   **CAREER PRACTICUM**  
Grade Level:                           11-12  
Length of Course:                   One or two periods per day  
Credits:                                 .25 per semester – per period

Brief Description of Course:

This program is for juniors and seniors to learn about different careers by holding an unpaid part-time job off campus one to two periods per day, earning school credit. Work study provides an opportunity for high school students to apply the knowledge, skills and attitudes acquired in course work to real-life situations through a school-community partnership arrangement. Students gain expertise, talent and resources from various community organizations. Performance on the job will be emphasized.

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

Brief Description of Course:

This is a course designed to prepare the student for life as an adult after high school, both as a college student or as a member of the Armed Forces or the labor force. Students will learn about, and perform practical exercises in, credit, loans & banking, including maintaining a checking account and managing spending; maintaining tax records and filing income tax forms; acquiring,

using and controlling the use of credit cards; writing the resume; writing business letters; job placement exams; filling out job applications; creating a household budget; life and health insurance; job interviews; voting; exploration of different occupations, including field trips to various Kwajalein work sites.

## **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.

### **High School Graduation Requirements for students entering 9<sup>th</sup> grade SY 2018-2019 and subsequent school years.**

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.

### **Career Pathway Endorsement-Available for students entering 9<sup>th</sup> grade SY 2018-2019 and subsequent school years**

To receive 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.

## CTE Pathways beginning 2018-2019

### *Pathway: Business Financial Management & Accounting*

Course No.	Course Name	Credits	Grade Levels
	<b>Intro to Business-<i>required</i></b>	<b>.5</b>	9, 10, 11, 12
	<b>Business Law-<i>required</i></b>	<b>.5</b>	9, 10, 11, 12
	<b>Accounting I-<i>required</i></b>	<b>.5</b>	9, 10, 11, 12
	<b>Accounting II-<i>required</i></b> <i>Prerequisite: Accounting I</i>	<b>.5</b>	9, 10, 11, 12
	<b>Economics</b>	<b>.5</b>	11, 12
	<b>International Business</b>	<b>.5</b>	10, 11, 12
	<b>Advertising and Marketing</b>	<b>.5</b>	10, 11, 12
	<b>Entrepreneurship I</b>	<b>.5</b>	9, 10, 11, 12
	<b>Entrepreneurship II</b> <i>Prerequisite: Entrepreneurship I</i>	<b>.5</b>	9, 10, 11, 12
<b>TOTAL CREDITS</b>		<b>4.0</b>	

**FOR THE 2018-2019 SCHOOL YEAR, KSS WILL OFFER THE FOLLOWING COURSES IN THIS PATHWAY:**

**TITLE OF COURSE:** INTRODUCTION TO BUSINESS  
**Grade Level:** 9-12  
**Length of Course:** 1 semester (1<sup>st</sup> semester)  
**Credits:** .5 per semester

Brief Description of Course:

This survey course will expose you accounting, entrepreneurship, finance, marketing, and management. By delving into the five units of this course, you will be able to fine tune your direction and choice of a business career.

**TITLE OF COURSE:** BUSINESS LAW  
**Grade Level:** 9-12  
**Length of Course:** 1 semester (2<sup>nd</sup> semester)  
**Credits:** .5 per semester  
**Prerequisite:** Introduction to Business

Brief Description of Course:

This course is designed to acquaint students with the basic legal principles relevant to their roles as citizens, consumers and employees through a mixture of personal, business and consumer law. The



content includes the basic characteristics of the American system of free enterprise, rights of private property, basic elements of contracts, employer-employee relations, landlords and tenants, individual rights, wills, and estates, family and juvenile justice law and community property

**TITLE OF COURSE:**                   **INTERNATIONAL BUSINESS**  
 Grade Level:                           10 -12  
 Length of Course:                   1 semester  
 Credits:                                 .5 per semester

Brief Description of Course:

This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected. The course further provides students a conceptual tool by which to understand how economic, social, cultural, political and legal factors influence both domestic and cross-border business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations will all be explored in this course.

*Pathway: Information Support & Services - Programming*

<b>Course No.</b>	<b>Course Name</b>	<b>Credits</b>	<b>Grade Level</b>
	<b>Intro to Computer Programming-<i>required</i></b>	.5	8, 9, 10, 11, 12
	<b>Web Design</b>	.5	9, 10, 11, 12
	<b>Android App Development</b>	.5	9, 10, 11, 12
	<b>Game Design</b>	.5	9, 10, 11, 12
	<b>Virtual Reality</b>	.5	9, 10, 11, 12
	<b>AP – Computer Science Principles</b>	1.0	10, 11, 12
	<b>AP – Computer Science –A (Java)</b>	1.0	11, 12
<b>TOTAL AVAILABLE CREDITS</b>		<b>4.5</b>	

**FOR THE 2019-2020 SCHOOL YEAR, KSS WILL OFFER THE FOLLOWING COURSES IN THIS PATHWAY:**

**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:**                    **WEB DESIGN**  
Grade Level:                            9-12  
Length of Course:                    1 semester  
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  
Credits:                                    .5 per semester

Brief Description of Course:

The possibilities are endless when it comes to video game design! Learn about the history of gaming, software and hardware, trouble shooting, and Internet safety. Tap into your creative abilities and learn the processes used to design your own gaming platforms and create a plan for a 2D game. Turn your hobby into a future career by learning how games get made.

***Pathway: Information Support & Services - Networking***

**Required Courses**

<b>Course No.</b>	<b>Course Name</b>	<b>Credits</b>	<b>Grade Level</b>
	<b>Computer Service &amp; Support</b>	1.0	9, 10, 11, 12
	<i>@ \$150/student fee – IT certification exam</i>		
	<b>Networking</b>	1.0	10, 11, 12
	<i>@ \$200/student fee – IT certification exam</i>		
	<b><i>Prerequisite: Computer Service &amp; Support</i></b>		
	<b>Security</b>	1.0	10, 11, 12
	<i>@ \$200/student fee– IT certification exam</i>		
	<b><i>Prerequisite: Networking</i></b>		

<b>Linux</b>	.5	11, 12
<i>@ \$200/student fee– IT certification exam</i>		
<i>Prerequisite: Networking</i>		
<b>Career Practicum</b>	.5	11, 12

---

**TOTAL CREDITS 4.0**

**FOR THE 2019-2020 SCHOOL YEAR, KSS WILL OFFER THE FOLLOWING COURSES IN THIS PATHWAY:**

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

Brief Description of Course:

This course introduces the student to maintenance, upgrading, setup, and expansion of personal computer hardware. It also 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.

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

Brief Description of Course:

This class prepares students for the Network+ exam. 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.

# Blended Learning

## Online Edgenuity Elective Courses

<b>TITLE OF COURSE:</b>	<b>ADVERTISING AND SALES PROMOTION*</b>
Grade Level:	9 -12
Length of Course:	1 semester
Credits:	.5 per semester

### Brief Description of Course:

What comes to mind when you think of marketing? Does a favorite commercial jingle begin to play in your head? Or do you recall the irritating phone call from a company trying to sell you software you already have? No matter what your feelings are about it, there's no denying the sheer magnitude of the marketing industry. Every year companies spend \$200 billion promoting their products and services—and that's in the United States alone! Experts estimate that by the time you turn 65, you will have seen nearly 2 million TV commercials, not to mention radio ads, billboards, and online advertisements. You're familiar with what it's like on the receiving end of a company's marketing efforts, but what's it like on the other side? In this Advertising and Sales Promotions course, you'll learn how marketing campaigns, ads, and commercials are conceived and brought to life. You'll meet some of the creative men and women who produce those memorable ads and commercials. And you'll discover career opportunities in the field to help you decide if a job in this exciting, fast-paced industry is in your future!

<b>TITLE OF COURSE:</b>	<b>AMERICAN SIGN LANGUAGE</b>
Grade Level:	9 -12
Length of Course:	2 semesters
Credits:	.5 per semester

### Brief Description of Course:

This beginning of this full-year course will introduce you to vocabulary and simple sentences, so that you can start communicating right away. Importantly, you will explore Deaf culture: social beliefs, traditions, history, values and communities influenced by deafness. The second semester will introduce you to more of this language and its grammatical structures.

<b>TITLE OF COURSE:</b>	<b>AMERICAN SIGN LANGUAGE 2</b>
Grade Level:	9 -12
Length of Course:	2 semesters
Credits:	.5 per semester

### Brief Description of Course:

In this course, students will build on the skills they learned in American Sign Language 1 and explore the long and rich history of Deaf culture and language. They will expand their knowledge of the language as well as their understanding of the world in which it is frequently used. Students will grow their sign vocabulary and improve their ability to interact using facial expressions and body language. They will also learn current trends in technology within ASL as well as potential education and career opportunities.

**TITLE OF COURSE: ANTHROPOLOGY I: UNCOVERING HUMAN MYSTERIES\***

Grade Level: 9 -12  
Length of Course: 1 semester  
Credits: .5 per semester

Brief Description of Course:

The aim of anthropology is to use a broad approach to gain an understanding of our past, present and future, and in addition address the problems humans face in biological, social and cultural life. This course will explore the evolution, similarity and diversity of humankind through time. It will look at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change. Exciting online video journeys to different areas of the anthropological world are just one of the powerful learning tools utilized in this course.

**TITLE OF COURSE: ANTHROPOLOGY II: MORE HUMAN MYSTERIES UNCOVERED\***

Grade Level: 9 -12  
Length of Course: 1 semester  
Credits: .5 per semester

Brief Description of Course:

Anthropology has helped us better understand cultures around the world and through different time period. This course continues the study of global cultures and the ways that humans have made sense of their world. We will examine some of the ways that cultures have understood and gave meaning to different stages of life and death. The course will also examine the creation of art within cultures and examine how cultures evolve and change over time. Finally, we will apply the concepts and insights learned from the study of anthropology to several cultures found in the world today.

**TITLE OF COURSE: ARCHAEOLOGY: DETECTIVES OF THE PAST\***

Grade Level: 9 -12  
Length of Course: 1 semester  
Credits: .5 per semester

Brief Description of Course:

George Santayana once said, “Those who cannot remember the past are condemned to repeat it.” The field of archaeology helps us to better understand the events and societies of the past that have helped to shape our modern world. This course focuses on this techniques, methods, and theories that guide the study of the past. Students will learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. Finally, students will learn about the relationship of material items to culture and what we can learn about past societies from these items.

**TITLE OF COURSE: CAREERS IN CRIMINAL JUSTICE\***

Grade Level: 9 -12  
Length of Course: 1 semester  
Credits: .5 per semester

Brief Description of Course:

The criminal justice system offers a wide range of career opportunities. In this course, students will explore different areas of the criminal justice system, including the trial process, the juvenile justice system, and the correctional system.

**TITLE OF COURSE:**                    **CRIMINOLOGY: INSIDE THE CRIMINAL MIND\***  
Grade Level:                            9 -12  
Length of Course:                      1 semester  
Credits:                                    .5 per semester

Brief Description of Course:

In today's world, crime and deviant behavior rank at or near the top of many people's concerns. In this course, we will study the field of Criminology – the study of crime. We will look at possible explanations for crime from the standpoint of psychological, biological and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their misdeeds. Why do some individuals commit crimes why others do not? What aspects in our culture and society promote crime and deviance? Why are different punishments given for the same crime? What factors... from arrest to punishment...help shape the criminal case process?

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

Brief Description of Course:

Food is all around us—we are dependent on it and we enjoy it. This course will give you the basic fundamentals to start working in the kitchen and gaining experience as you explore and establish your talents for cooking and preparing food in a creative and safe way. You will learn safety measures as well as enhance your knowledge of various types of foods and spices. If you enjoy hands-on learning and want to deepen your knowledge about culinary arts, this is a great course to start.

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

Brief Description of Course:

We depend more and more on the technologies we interact with every day, and we put more and more of our personal data out there online. Can all of that data really be kept “secret”? We all need to know more about how to protect our personal information, especially given how much we rely on and use our network devices and media. You'll learn about the various parts of your computer, how they work together, and how you can manipulate them to keep your data safe. You'll also dive into the tools, technologies, and methods that will help protect you from an attack and discover the many opportunities in the rapidly growing field of cybersecurity.

**TITLE OF COURSE: DIGITAL PHOTOGRAPHY I: CREATING IMAGES WITH IMPACT!**

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

Brief Description of Course:

Have you ever wondered how photographers take such great pictures? Have you tried to take photographs and wondered why they didn't seem to capture that moment that you saw with your eyes? The Digital Photography I course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

Required materials:

- Manual camera or digital camera with manual settings (the camera needs to allow for the mode, shutter speed, and aperture to be adjusted) A Smartphone may be used for most required tasks, however, appropriate applications will need to be installed to allow the student to make the necessary adjustments to the camera mode, shutter speed, and aperture.
- Tripod (or necessary item(s) to create a stable foundation
- Reflector (white paper, poster board, sheets, or a wall)
- Image editing software
- Access to a slideshow application, such as PowerPoint

**TITLE OF COURSE: DIGITAL PHOTOGRAPHY II: DISCOVERING YOUR CREATIVE POTENTIAL\***

Grade Level: 9 -12  
Length of Course: 1 semester  
Credits: .5 per semester

Brief Description of Course:

In today's world, photographs are all around us, including in advertisements, on websites, and hung on our walls as art. Many of the images that we see have been created by professional photographers. In this course, we will examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas that professional photographers may choose to specialize in, such as wedding photography and product photography. We will also learn more about some of the most respected professional photographers in history and we will learn how to critique photographs in order to better understand what creates an eye catching photograph.

Required materials:

- Digital camera: "point and shoot" or above. A Smartphone may be used for most required tasks, however, appropriate applications will need to be installed to allow the student to make the necessary adjustments to the camera mode, shutter speed, and aperture.
- One frame (of your choice) to display a photograph on the wall
- 3M strip (or something similar)
- Image editing software capable of the following:  
cropping

changing a photo to black and white  
adjusting color and brightness  
resizing images  
applying filters and special effects like texture or glitter  
creating layers

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

Brief Description of Course:

Want to have an impact on the most important years of human development? Students will learn how to create fun and educational environments for children, how to keep the environment safe for children, and how to encourage the health and well-being of infants, toddlers, and school-aged children.

**TITLE OF COURSE:**                    **FASHION AND INTERIOR DESIGN\***  
Grade Level:                            9 -12  
Length of Course:                      1 semester  
Credits:                                    .5 per semester

Brief Description of Course:

Do you have a flair for fashion? Are you constantly redecorating your room? If so, the design industry might just be for you! In this course, you'll explore what it is like to work in the industry by exploring career possibilities and the background that you need to pursue them. Get ready to try your hand at designing as you learn the basics of color and design then test your skills through hands-on projects. In addition, you'll develop the essential communication skills that build success in any business. By the end of the course, you'll be well on your way to developing the portfolio you need to get your stylishly clad foot in the door of this exciting field.

Required Materials:

- Clothing items
- Sewing machine
- Digital camera
- Thread
- Fabric
- Clothing Patterns
- Measuring tape
- Sketchpad
- Paper
- Scissors

**TITLE OF COURSE:**                    **HOSPITALITY & TOURISM: TRAVELING THE GLOBE\***  
Grade Level:                            9 -12  
Length of Course:                      1 semester  
Credits:                                    .5 per semester



Brief Description of Course:

With greater disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, hospitality and tourism is one of the fastest growing industries in the world. This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Students will learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.

**TITLE OF COURSE:** **HOSPITALITY AND TOURISM 2: HOTEL AND RESTAURANT MANAGEMENT**

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

Brief Description of Course:

In this course, students will learn about what makes the hotel and restaurant industries unique. They will learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Students will evaluate the environment for these businesses by examining their customers and their competition. As well, they will discover trends and technological advances that makes each industry exciting and innovative. Students will explore a variety of interesting job options from Front Desk and Concierge services to Front-of-House and Food Service.

Required Materials:

Computer with:

- Internet access
- Slideshow program like Keynote or PowerPoint
- Word processing program like Microsoft Word
- Video recording device
- Digital camera, cell phone, or computer with video capabilities
- Audio recording device
- Computer, cell phone app, or handheld voice recorder
- A friend or family member to assist with various activities/labs
- A real or fake telephone to use as a prop
- Optional Materials: (only needed if student will not create labs/activities digitally)
  - Craft materials:
    - Crayons, markers, colored pencils
    - Glue
    - Scissors
    - Poster board or butcher paper
    - Printer

**TITLE OF COURSE:** **INTRODUCTION TO COMMUNICATIONS AND SPEECH**

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

Brief Description of Course:

Beginning with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, this course offers fascinating insight into verbal and nonverbal messages and cultural and gender differences in the areas of listening and responding. High school students enrolled in this one-semester course will be guided through engaging lectures and interactive activities, exploring themes of self-awareness and perception in communication. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches.

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

Brief Description of Course:

This high school course introduces students to a variety of healthcare careers, as they develop the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the health care field.

**TITLE OF COURSE:**                    **INTRODUCTION TO MANUFACTURING: PRODUCT DESIGN & INNOVATION\***  
Grade Level:                            9 -12  
Length of Course:                      1 semester  
Credits:                                    .5 per semester

Brief Description of Course:

Think about the last time you visited your favorite store. Have you ever wondered how the products you buy make it to the store shelves? Whether it's video games, clothing, or sports equipment the goods we purchase must go through a manufacturing process before they can be marketed and sold. In this course, you'll learn about the types of manufacturing systems and processes used to create the products we buy every day. You'll also be introduced to the various career opportunities in the manufacturing industry including those for engineers, technicians, and supervisors. As a culminating project, you'll plan your own manufacturing process for a new product or invention! If you thought manufacturing was little more than mundane assembly lines, this course will show you just how exciting and fruitful the industry can be.

**TITLE OF COURSE:**                    **INTRODUCTION TO MILITARY CAREERS\***  
Grade Level:                            9 -12  
Length of Course:                      1 semester  
Credits:                                    .5 per semester

Brief Description of Course:

You've probably seen an old movie about a hotshot naval aviator, or perhaps a more recent film about the daring actions of Special Forces operatives. But do you really know what careers the

military can offer you? Introduction to Military Careers will provide the answers. The military is far more diverse and offers many more career opportunities and tracks than most people imagine. Introduction to Military Careers, you'll learn not only about the four branches of the military (and the Coast Guard) but also about the types of jobs you might pursue in each branch. From aviation to medicine, law enforcement to dentistry, the military can be an outstanding place to pursue your dreams.

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

Brief Description of Course:

If you're the first to know what's going on in your school or town, or the first to post on Facebook or Instagram about your favorite TV shows or favorite celebrities, then you're just the person that every online, in-print, and broadcast news outlet is looking for. And Journalism: Investigating the Truth is the perfect course for you! In this course, you'll learn how to write a lead that grabs your readers, how to write engaging news stories and features, and how to interview sources. You'll also learn about the history of journalism, how to succeed in the world of social media news, and how to turn your writing, photography, and people skills into an exciting and rewarding career.

**TITLE OF COURSE:** **MEDICAL TERMINOLOGY\***  
Grade Level: 9 -12  
Length of Course: 1 semester  
Credits: .5 per semester

Brief Description of Course:

This semester-long course introduces students to the structure of medical terms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to health care settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course provide students entering the health care field with a deeper understanding of the application of the language of health and medicine. Students are introduced to these skills through direct instruction, interactive tasks, practice assignments, and unit-level assessments.

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

Brief Description of Course:

This two-semester course introduces students to the features and functionality of Microsoft® Office® 2010 while preparing them for the beginning, intermediate, and advanced levels of the Microsoft User Specialist (MOS) certification program. Through video instruction, interactive skills demonstrations, practice assignments, and unit-level assessments, students become proficient in

Microsoft Word®, Excel®, PowerPoint®, Outlook®, and Access®. By the end of the course, students are prepared to demonstrate their skills by obtaining one or more MOS certifications

**TITLE OF COURSE:**                    **NATIONAL SECURITY\***  
Grade Level:                            9 -12  
Length of Course:                      1 semester  
Credits:                                    .5 per semester

Brief Description of Course:

In this course, you will learn the critical elements of this very important career, such as evaluating satellite information, analyzing training procedures, assessing military engagement, and preparing intelligence reports. In addition, you will gain a better understanding of appropriate responses to security threats and how best to coordinate information with other agencies.

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

Brief Description of Course:

This two-semester course prepares students to provide and assist with all aspects of activities of daily living and medical care for the adult patient in hospital, long-term care, and home settings. Through direct instruction, interactive skills demonstrations, and practice assignments, students are taught the basics of nurse assisting, including interpersonal skills, medical terminology and procedures, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, emergency skills, and employability skills. Successful completion of this course from an approved program prepares the student for state certification for employment as a Certified Nursing Assistant (CNA).

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

Brief Description of Course:

This two-semester course prepares students for employment as a Certified Pharmacy Technician (CPhT) and covers the skills needed for the pharmacy technician field. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn the basics of pharmacy assisting, including various pharmacy calculations and measurements, pharmacy law, pharmacology, medical terminology and abbreviations, medicinal drugs, sterile techniques, USP 795 and 797 standards, maintenance of inventory, patient record systems, data processing automation in the pharmacy, and employability skills. Successful completion of this course prepares the student for national certification for employment as a CPhT.

**TITLE OF COURSE: PRINCIPLES OF PUBLIC SERVICE: TO SERVE AND PROTECT\***

Grade Level: 9 -12  
Length of Course: 1 semester  
Credits: .5 per semester

Brief Description of Course:

Have you ever wondered who decides where to put roads? Or makes sure that someone answers the phone when you call 911? Or determines that a new drug is safe for the public? These tasks and many more are part of public service, a field that focuses on building healthy societies. Public service includes many different types of careers, but they all have in common the goal of working for others. This course will explore some of the most common career paths in public service. Working for the public also comes with a very specific set of expectations since protecting society is such an important mission. So if you want to work for the greater good, there is probably a public service career for you!

**TITLE OF COURSE: PROJECTS IN AUDIO ENGINEERING\***

Grade Level: 9 -12  
Length of Course: 1 semester  
Credits: .5 per semester

Brief Description of Course:

This introductory, mini-course teaches the four main steps of professional audio engineering: recording, editing, mixing, and mastering. Through a series of Audacity® software projects, students learn tones and waveforms, recording studios and formats, Musical Instrument Digital Interface (MIDI) and Digital Audio Workstations (DAWs), syncing audio, and many other topics relating to the field of audio engineering. Activities include echo and reverb effects; encoding and exporting audio; mastering audio files and mixing samples to create a new track; equalizing, compressing, and normalizing audio files; and adding fading and cross fading.

**TITLE OF COURSE: PUBLIC SPEAKING**

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

Brief Description of Course:

The art of public speaking is one which underpins the very foundations of Western society. This course examines those foundations in both Aristotle and Cicero's views of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair. By the end of this course, students will know exactly what makes a truly successful speech and will be able to put that knowledge to practical use.

**TITLE OF COURSE:**                   **RESTAURANT MANAGEMENT\***  
Grade Level:                           9 -12  
Length of Course:                    1 semester  
Credits:                                   .5 per semester

Brief Description of Course:

Have you always dreamed of running your own restaurant? Maybe you want to manage a restaurant for a famous chef. What goes on beyond the dining room in a restaurant can determine whether a restaurant is a wild success or a dismal failure. In Restaurant Management, you'll learn the responsibilities of running a restaurant—from ordering supplies to hiring and firing employees. This course covers the different types of restaurants; managing kitchen and wait staff; food safety and hygiene; customer relations; marketing; using a point-of sale system; scheduling employees; and dealing with difficult guests. Restaurant Management will prepare you for a steady career, whether you plan to buy a fast food franchise, operate a casual sit-down restaurant, or oversee a fine-dining establishment.

Required Materials:

- A digital camera or camera phone
- Ingredients and tools to make a simple food dish of student's choice
- Stove/grill/oven/microwave

**TITLE OF COURSE:**                   **SOCIAL PROBLEMS I: A WORLD IN CRISIS\***  
Grade Level:                           9 -12  
Length of Course:                    1 semester  
Credits:                                   .5 per semester

Brief Description of Course:

Students will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies, governments and the individual. Each unit is focused on a particular area of concern, often within a global context. Possible solutions at both the structural level as well as that of the individual will be examined. Students will not only learn more about how social problems affect them personally, but begin to develop the skills necessary to help make a difference in their own lives and communities, not to mention globally.

**TITLE OF COURSE:**                   **SOCIAL PROBLEMS II: CRISIS, CONFLICTS & CHALLENGES\***  
Grade Level:                           9 -12  
Length of Course:                    1 semester  
Credits:                                   .5 per semester

Brief Description of Course:

The Social Problems II course continues to examine timely social issues affecting individuals and societies around the globe. Students learn about the overall structure of the social problem as well as how it impacts their lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels. For each issue, students examine the connections in the global arena involving societies, governments and the individual.

**TITLE OF COURSE:** **SPORTS AND ENTERTAINMENT MARKETING\***  
Grade Level: 9 -12  
Length of Course: 1 semester  
Credits: .5 per semester

Brief Description of Course:

Have you ever wished to play sports professionally? Have you dreamed of one day becoming an agent for a celebrity entertainer? If you answered yes to either question, then believe it or not, you've been fantasizing about entering the exciting world of sports and entertainment marketing. Although this particular form of marketing bears some resemblance to traditional marketing, there are many differences as well—including a lot more glitz and glamour! In this course, you'll have the opportunity to explore basic marketing principles and delve deeper into the multi-billion dollar sports and entertainment marketing industry. You'll learn about how professional athletes, sports teams, and well known entertainers are marketed as commodities and how some of them become billionaires as a result. If you've ever wondered about how things work behind the scenes of a major sporting event such as the Super Bowl or even entertained the idea of playing a role in such an event, then this course will introduce you to the fundamentals of such a career.

**TITLE OF COURSE:** **VETERINARY SCIENCE: THE CARE OF ANIMALS\***  
Grade Level: 9 -12  
Length of Course: 1 semester  
Credits: .5 per semester

Brief Description of Course:

As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course will examine some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases impact not only the animals around us, but at times we humans as well! Through veterinary medicine and science, the prevention and treatment of diseases and health issues is studied and applied.

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

Brief Description of Course:

This is a one semester course intended for students planning to take the SAT/ACT during SY2019-2020. The focus will be on preparing students for the mathematics [non-calculator and calculator] portions of these national standardized college entrance exams. There will be online and pencil-and-paper portions to the course. This course provides students with the opportunity to prepare to successfully complete the ACT® college-entrance exam. Practice tests diagnose and target areas of opportunity, and students are prescribed individual study paths. The learning experience includes video-based instruction by highly qualified teachers, interactive assignments, and frequent assessment opportunities to track progress.

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

Brief Description of Course:

This is a one semester course intended for students planning to take the SAT/ACT during SY2019-2020. The focus will be on preparing students for the mathematics [non-calculator and calculator] portions of these national standardized college entrance exams. There will be online and pencil-and-paper portions to the course. Updated to reflect the 2016 changes to the test, this test preparation course effectively prepares students for all sections of the SAT® exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.

**TITLE OF COURSE:** **WORLD RELIGIONS: EXPLORING DIVERSITY\***  
Grade Level: 9 -12  
Length of Course: 1 semester  
Credits: .5 per semester

Brief Description of Course:

Throughout the ages, religions from around the world have shaped the political, social, and cultural aspects of societies. This course focuses on the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taosim. Students will trace the major developments in these religions and explore their relationships with social institutions and culture. The course will also discuss some of the similarities and differences among the major religions and examine the connections and influences they have.