

Seward High School COURSES & ACADEMIC INFORMATION

**ENGLISH (4 years required)**

Language Arts 9,10,11,12

Language Arts 12 KPC English (Jumpstart)

AP English 11,12 (Distance Ed)

**MATHEMATICS (3 years required)**

Algebra A Algebra Geometry

Advanced Algebra Personal Finance Precalc-Trig AP Calculus

College Algebra (Jumpstart)

**SCIENCE: (3 years required)**

**LIFE SCIENCE**

Biology Anatomy & Physiology

Marine Biology (available 2014 school year)

**PHYSICAL SCIENCE**

Earth Science (Distance Ed) Physical Science

Environmental Science Chemistry (2014 school year)

**SOCIAL STUDIES (3 years required)**

World History U S History

World Geography (Distance Ed) Economics (Distance Ed)

Government (.5 credit) Alaska Studies (.5 Credit)

**PHYSICAL EDUCATION // HEALTH**

Basic PE Weight Training Health

**FOREIGN LANGUAGE**

Spanish 1 Spanish 2 Adv Spanish

French (Distance Ed)

**PRACTICAL ARTS**

Metals/ Welding Drafting Woodworking

Power Mechanics Mentor Coop Job Experience

Computer Applications (Distant Ed) Child Development 1 (Distant Ed)

Employability Skill (Distant Ed) Keyboarding (Distant Ed)

**CAREER TECHNOLOGY COURSES**

Introduction to Criminal Justice, Construction Academy, Culinary Arts

Intro to N

**CREATIVE ARTS**

Introduction to Art Intermediate Art Advanced Art

Ceramics Graphic/Video Art Drama

Mixed Choir Yearbook

# KENAI PENINSULA BOROUGH SCHOOL DISTRICT

## HIGH SCHOOL GRADUATION REQUIREMENTS

### Introduction

The purpose of graduation requirements is to set guidelines that will insure that each high school graduate is exposed to a variety of learning experiences necessary for living in the changing world of today. Graduation requirements should be specific enough to direct students into major curricular areas and yet flexible enough to provide for individual student's abilities, needs and interests. Completion of such requirements is viewed as the educational experience to be enriched through the selection of additional courses relating to the individual aptitudes and interests.

### Credit Requirements

All students must satisfactorily complete 22 credits for graduation (and diploma) to include the following requirements:

English 4 credits Physical Education 1 credit

Math 3 credits Health ½ credit

Science 3 credits Electives 4 ½ credits

World History 1 credit Practical and/or Creative Arts 3 credits

U. S. History 1 credit (Minimum of ½ credit practical art and ½ credit creative art)

Government ½ credit Alaska History ½ credit

### The Alaska High School Graduation Qualifying Exam

In 1997, the Alaska Legislature enacted a law that requires all Alaska high school students to pass an examination in reading, writing, and mathematics before they can receive a high school diploma. All students must pass the High School Graduation Qualifying Examination (HSGQE), in addition to completing all requirements set forth by the Kenai Peninsula Borough School District, to earn a high school diploma.

The HSGQE will be administered twice each year, once in the fall and once in the spring.

Students will take the HSGQE for the first time in the spring of the 10<sup>th</sup> grade. Students may retake the parts of the examination they do not pass the first time, and as many times as necessary to pass for up to three years after they have left high school.

### Credit Standing: "How Many Do I Need?"

Students often are unsure of their credit status in terms of receiving a diploma. Students are promoted based on the number of years they have attended high school; however, if they have not earned sufficient credits, they may not be on track to graduate. Progress towards graduation can be reviewed on students' PowerSchool accounts. Recommended minimum credit designations to stay on track for graduation are listed below:

Sophomore standing: 4 credits

Junior Standing: 10 credits

Senior Standing: 16 credits

### Enrollment Guidelines

- One credit equals a successful completion of a course for one year.
- Six classes per semester is the required class load. Do not schedule fewer than six (6) classes.
- Students may only enroll in one physical education course per semester.
- Repeating a course for credit is possible in several areas such as Band, Choir, Art, Physical Education, Yearbook, and some vocational/technology courses. (In other cases you lose your credit if you repeat a class.) Check with your counselor.
- Students may be student aides for one class period per semester. They may accumulate a maximum of one elective credit during their high school tenure. Aide positions receive an "S" for a

satisfactory grade. **WARNING:** This may be a factor in deciding class ranking and salutorian status.

## **Counseling Department**

The Counseling Program is based on the Alaska School Counseling program and includes the following components: 3

**Career Development** – All students receive services. Each grade level will receive counselor-led workshops to develop a future career pathway using the AKCIS (Alaska Career Information System) website. The 9th grade workshops will include completion of the IDEAS Assessment (Interest Determination, Exploration and Assessment System) on AKCIS. 10th grade workshops will include a Skill Sort, Career Search, and re-evaluation of needed high school courses. 10th grade students may also attend KPC College and Career day. 11th grade will include an Interest Profiler and Work Importance Locator and/or Career Cluster Inventory, and an Undergraduate School Sort. 11th grade students may also attend KPC College and Career day. 12th grade workshops will include a Work Importance Locator and/or Career Cluster Inventory, an Undergraduate School Sort, and a Scholarship Sort. 12th grade student will also receive information ACT/SAT, and instruction on “10 steps to College Admission” and “How to get a good letter of recommendation” and Scholarship Portfolio. Parents and students will be invited to an annual Financial Aide Night workshop, which is a collaborative effort among high schools in the KPBSD and KPC.

**Individual Services** – All students receive services with regard to course selection, credit requirements, transition from grade to grade, and aid in planning for post high school. Counselors track credits and requirements so students understand what is needed to receive a diploma. Counselors will meet with all students each year either individually or in small groups. Counselors will meet with jeopardy seniors and their parents to coordinate a plan for graduation. Counselors will coordinate summer school registration and credit recovery efforts through Connections or Skyview’s S.O.A.R. (Skyview Online Advancement and Recovery) program

**Responsive Services** – Individuals in crisis will receive responsive services from our counselors. In any high school this happens on a daily basis, so counseling doors must always be open. Counselors are available to students and parents for any concern including peer problems, family issues, death, anger, stress, and school concerns. Counselors are available to students for conflict mediation. Counselors also run support groups as needed including a girls group, a boys group, and a grief group.

**System support** – Counselors are responsible for other counseling duties which help to make the school run more effectively. These duties include the following:

\*Coordination of all testing (HSGQE, SBA, SBA Science, WorkKeys, PLAN, PSAT, AP, AWA, ASVAB, YRBS Survey, and Accuplacer and SAT/ACT coordination with KPC.

\*Counselors also work closely with the Principal and Assistant Principal on discipline and attendance issues.

\*The Counseling Department coordinates and Chairs the RTI/I-team process for students who require additional support.

\*Counselors also serve on a variety of committees such as the Scholarship Committee, Financial Aid Night planning, and Site Council.

\*Counselors coordinate community events and presentations including Financial Aid Night, Open House, Career Day at KPC, Jumpstart/KPC registration, 8<sup>th</sup> grade registration/Middle school visits/8<sup>th</sup> grade visits and tours, Senior Awards Night, Graduation Ceremonies,

\*Counselors are responsible to supervise students in the lunch room each day.

## **Procedures and Communication Process for Resolution**

The following steps should be followed when a student is struggling or having an issue in class:

1. The student should first meet with the teacher to discuss the issue. Solutions are often reached during this meeting.
2. If the student and teacher are unable to resolve the issue, the parent/guardian should contact the teacher to set up a meeting with the student and parent both present. When all parties involved are present they can work together toward a plan/solution without assigning blame.

3. If the student is still struggling, contact your student's counselor to set up a meeting for all interested parties. During this meeting the participants have the opportunity to discuss strategies for implementing an effective plan for student success.
4. If the plan is not working, a meeting with your administrator can be arranged to discuss further solutions to the problem.

**Correspondence Courses**

Students wishing to enroll in correspondence courses must first meet with their counselor to discuss registration procedures and complete necessary paperwork.

**Jump Start Program**

Skyview seniors may enroll in courses at Kenai Peninsula Community College through the Jump Start Program. A student may take up to 6 credit hours (which equates to 1 high school credit each semester) at \$48 per credit hour (with parent, counselor, principal, and college permission). Students need to show proof of registration to their high school counselor prior to being enrolled in college release. Jump Start forms are available in the Counseling Office.

**Cooperative Work Experience** See your counselor to find out if you qualify and to obtain the necessary forms. Juniors and seniors may participate in the Coop Work Experience Program. You must have a work experience form on file before registering for classes. (See course description). A Maximum of 2 credits may be earned through Work Co-op. 4

### **Recommended High School Curriculum**

Colleges and Training programs look for students with high potential abilities that have worked to their capacity in high school. Whenever a particular school, college, or training program is being considered, a student should be sure to study the catalog or website for specific entrance requirements. Students may also consult the AK Career Information System (AKCIS) available at SVHS and on the Internet for information.

### **College/Training Programs**

- 4 years of preparatory English
- 3 years of social studies
- 2-3 years of world language (recommended for college/university)
- 3-4 years of laboratory science
- 3-4 years of preparatory math (algebra and beyond)
- SAT/ACT test scores in ranges acceptable to specific schools or Accuplacer

Employers want students to know and be able to use mathematical skills, writing skills, communication skills, and interpersonal skills well. Employers constantly inform students that they must do well in English and math, must have the proper attitude about work, and must have the technical skills necessary to perform the job satisfactorily. Career and Technology education courses and programs provide these skills.

### **Schedule Changes - Drop/Add**

The goal of the Counseling Department is to have all approved schedule changes completed within the first five (5) days of any given semester.

### **Grades**

A-D grades: Sufficient progress in the subject to merit granting of credit for the course.

F grade: Insufficient progress in the subject to merit granting of credit for the course.

Withdrawal grades: Student was withdrawn from the course with current grade; used only in extenuating circumstances.

NG/NC: No grade or no credit awarded; used only for courses that do not receive high school credit (e.g. College Release, etc) or at principal's discretion.

Weighted grades: Beginning in the 2004-2005 school year, additional quality points were assigned for College Board Advanced Placement (AP) courses for the purpose of calculating grade point average (GPA) and rank. For each passing semester grade in an Advanced Placement course, 0.021 will be added to the student's cumulative GPA. This will apply only to AP courses taken in the 2004-2005 school year and beyond.

### **Official Transcripts**

A student's official transcript of courses passed and credits earned is kept in the Counseling Office. See Martha or go to [www.parchment.com](http://www.parchment.com) to request one.

### **Incompletes**

In order to accommodate students in extenuating circumstances, teachers may assign a grade of "Incomplete." Incompletes must be made up within two weeks after the end of the semester or they will automatically become F's. Exceptions may be made for 504 accommodation plans or extenuating circumstances.

### **Progress Reports**

Current progress in any course may be obtained in two ways:

- 1) Parents and students may access current grades and assignments on Power school. Power school is available via <http://ps.kpbsd.org/public>. If you need an activation code, please contact Martha at 224-9070.

# **SHS COURSE DESCRIPTIONS 2012-2013**

Please note: Two semesters is equivalent to one year

## **CREATIVE ARTS**

### **Art**

Title: **ART, INTRO**

Length: One Semester

Prerequisite: None Fee: \$35

You do not have to know how to draw, paint, or sculpt to take this course. You will learn how to draw, to create sculptures and you will be introduced to painting with acrylics, watercolors and medias during this semester. Grading is in terms of the student's individual development.

Title: **ART, INTERMEDIATE**

Length: One Semester

Prerequisite: Intro Art Fee: \$35

This course will expand on the student's skills and knowledge that they acquired in Introduction to Art. It will focus on the development of advanced skills through drawing, painting, sculpting, print making, and three-dimensional design.

Title: **ART, ADVANCED**

Length: One Semester

Prerequisite: Intermediate Art and teacher approval Fee: \$35

This course will reinforce the foundational skills established in the previous course for the medium or area being pursued by the student. This course may be repeated for additional instruction with credit granted.

Title: **CERAMICS 1,2**

Length: One Semester

Prerequisite: None Fee: \$35

The course will cover three-dimensional design using clay as the medium. Clay preparation, hand built construction and wheel work will be focused on in the class. Final finishes such as glazes will be introduced and applied.

Title: **SCULPTURE**

Length: One Semester

Prerequisite: None Fee: \$35

This course will introduce students to the three-dimensional principals of art. (Sculpture) These will be explored through the use of a variety of media and an introduction to artists whose emphasis is sculpture. This is not a ceramics class, although some clay will be used.

### **Drama**

Title: **DRAMA 1,2**

Length: One Semester

Prerequisite: None

An acting course with an emphasis on learning a variety of theater games, performance preparation, vocal and physical techniques. Performances include improvisation, pantomime, and interpretation of literature, monologues, readers' theater, and storytelling. The class may include units on theater history and/or technical theater as well. It may be taken for credit more than once.

### **Basic Photography**

Photo

Length: One Semester

Prerequisite: Basic understanding of computers Fee: \$75

This is an introductory course in photography. The course will cover the use and functions of camera, photo manipulation using a computer, scanning and printing. This is a fine art credit so the photography part of the class will be emphasized focusing on composition.

Title: **Adv PHOTO (2)**  
Length: One Semester  
Prerequisite: Digital Photo 1 Fee: \$75

## **Music**

Title: **MIXED CHOIR**  
Length: One Semester  
Prerequisite: None

This choir is open to all high school students. A broad range of musical styles will be covered. There is no audition, but concerts are mandatory. This class may be repeated for credit.

## **PRACTICAL ARTS**

### **Business**

Title: **ACCOUNTING 1 ((KPBSD-Online)**  
Length: One Semester  
Prerequisite: None

In this course, students learn about the accounting cycle. Topics covered include special journals, subsidiary ledgers, bank deposits and statements, taxes, depreciation, payroll, inventory, and financial statements. Introduction to computerized accounting may occur near the end of the course if equipment is available.

Title: **ACCOUNTING 2 (KPBSD-Online)**

Length: One Semester  
Prerequisite: Accounting I

In this course, students review the accounting cycle and are introduced to careers. Other topics include partnerships, computerized payroll, departmentalized accounting, un-collectable accounts, plant assets, accruals, corporations, financial statement analysis cash accounting, budgeting, and management decision-making. The course emphasizes computer applications of accounting principles. You can receive three college credits from KPC. See your Counselor for information

Title: **COMPUTER APPLICATIONS 1,2,3 (ONLINE)**

Length: One Semester each  
Prerequisite: None Fee: \$35

This is a semester long course that can be taken as often as the student chooses. This class is designed to keep the individual students needs in mind. Units are tailored according to areas of emphasis. These choices include, keyboarding, Microsoft Word, Excel, Access, Power Point, (Word Processing, Database, Spreadsheets), and many others. The Internet will be used and advanced students will be able to perform web page design. You can receive up to six college credits from KPC. See your Counselor for information

Title: **PRINCIPLES OF ENGINEERING (Alternate years, see course request sheet)**  
**(Can be taken as a Physical Science or a Practical Art Credit)**

Length: Two Semesters

Prerequisites: Grade 10 or higher. Algebra I or Algebra/Geometry

Principles of Technology I is a very practical, hands on science class which helps in the understanding of all technology, from its' beginning to present day. The emphasis is on mechanical, fluid, electrical, and thermal systems and how they interact to create all of the remarkable technology around us. Experimentation and some projects are an integral part of the course, as well as a study of real-life applications of mathematics problem solving to scientific concepts. This class is a must for those who want to understand present day technology, or that of the future. 8

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Title: **WELDING I**

Length: One Semester  
Prerequisite: None Fee: \$35

Welding 1 is an introduction to welding processes and applications. This course will also expose students to metal working tools and practices. Welding processes covered include oxygen acetylene cutting and welding, metal inert gas (wire welding), shielded metal arc welding (stick), and plasma cutting. Safety tests are required for all machines being used. The fundamentals of shop safety, sawing, boring, joints, positions, and electrode function will be covered during the process of making the required class projects. Additional materials may need to be purchased by the student.

Title: **WELDING 2**

Length: One Semester

Prerequisite: Welding 1 Fee: \$35

Welding 2 takes a closer look at modern welding processes and applications. This course will also expose students to the prep work required with metal. Welding processes covered include oxygen acetylene cutting and welding with filler rod, metal inert gas (wire welding), shielded metal arc welding (stick), plasma cutting, tungsten inert gas, brazing, and aluminum welding. Safety tests are required for all machines being used. Additional materials may need to be purchased by the student.

Title: **WOODWORKING 1**

Length: 1 Semester

Prerequisite: None Fee: per project

Woodworking 1 is an introduction to woodworking tools, processes, and applications. Safety tests are required for all machines being used. The fundamentals of shop safety, sawing, boring, joinery, surfacing, and finishing will be covered during the process of making the required class projects. Additional materials may need to be purchased by the student.

Title: **WOODWORKING 2**

Length: One Semester

Prerequisite: Woodworking 1 Fee: per project

Woodworking 2 is a follow up course to woodworking 1. Attention to detail and different processes (i.e., log furniture, lathe turning) and applications of woodworking will be looked at. Safety tests are required for all machines being used. Students will have time to make an individual project. Additional materials may need to be purchased by the student.

Title: **DRAFTING 1**

Length: One Semester

Prerequisite: None

The fundamentals of engineering design and computer assisted drawing.

## **OTHER PRACTICAL ARTS**

Title: **COOPERATIVE WORK EXPERIENCE (CO-OP)**

Length: One to four semesters

Prerequisites: Juniors or seniors only. Student must enroll in a vocational education class related to his/her work experience and tech-prep career field. Student is paid at least minimum wage. Coop Work Experience is the employment of students within their occupational interest for which school courses are preparing them for the future. The workstation and a related vocational class will develop a student's technical and career development competencies. These two experiences are planned and supervised by the school and employers so that each contributes to the student's education and to his/her employability. Work Coop should be a planned activity and be part of a student's 4-year plan and related to their career cluster. All students must complete a training agreement form and obtain parent approval before they will be permitted to work at a job site. Students may earn .5 credits for 180 hours of work, and 1 credit for 360 hours of work. Students must also meet all deadlines set by the instructor and must also turn in all assignments on time. Students may earn a maximum of 2 credits through Cooperative Work Experience. Student may count hours during the semester for which they are signed up for work Co-op and may not count hours from the previous semester/s.

## **ENGLISH**

**NOTE: Placement in the advanced section of Language Arts 9,10,11,12 is at the student' and teachers' discretion. The advanced class covers the same curriculum but in more depth and with higher performance standards.**

Title: **LANGUAGE ARTS 9, Honors**

Length: Two Semesters

Prerequisite: None/**9th grade required class**

You will improve your reading, writing, speaking, and listening skills in this class. You will also review 8th grade reading, writing and grammar skills. Classroom activities will include reading, speeches, class and group discussions, and different kinds of writing. You will take the KPBSD Analytic Writing Assessment in March and other testing as mandated.

Title: **LANGUAGE ARTS 10**

Length: Two Semesters

Prerequisite: 9th Grade Language Arts/**10th grade required class**

**You will read and study drama, mythology, short stories, novels, poetry and non-fiction from a wide range of world authors and time periods. You will review 7-9 grade writing and grammar skills and continue to develop these areas as well as vocabulary, spelling, writing, and presentation skills.** Title: **LANGUAGE ARTS 11**

Length: **Two Semesters**

Prerequisite: **10th Grade Language Arts/11th grade required class**

**You will read and study American literature of all kinds. You will review 7-10 grade writing and grammar skills, continue to develop these skills, increase your vocabulary, improve your oral presentations, and research paper writing skills.**

Title: **LANGUAGE ARTS 12**

Length: Two Semesters

Prerequisite: **11th Grade Language Arts/ 12th grade required class**

**You will read and study literature of all kinds. You will learn to read, write, analyze and communicate effectively as you prepare for post secondary reading, writing, and critical thinking.**

## **HEALTH**

Title: **HEALTH**

Length: One Semester

Prerequisite: **Required course for all students for graduation**

This course is designed to help students develop understanding and knowledge, of personal and family health concerns including interpersonal relationships. Personality development, stress management, wellness, chemical use and abuse, sexuality, and family issues. Skills will be developed for employability, resource management, coping with family crises, and locating community resources and support

## **MATHEMATICS**

Title: **ALGEBRA I**

Length: 1 Year

Prerequisite: 8th grade course 3, and teacher recommendation for upper classmen.

Algebra is designed to give a thorough mastery of the fundamental principals of algebra needed in the study of advanced math. The course includes manipulating equations, functions, interpreting data, and factoring.

Title: **GEOMETRY**

Length: 1 Year

Prerequisite: Pass Algebra I

This course provides a basic introduction to areas and volumes in two and three dimensions. Points, lines, planes, angle measures, simple proofs, statistics, and graphing will be discussed.

Title: **ADVANCED ALGEBRA**

Length: 1 Year

Prerequisite: Pass Algebra I and Geometry / Teacher recommendation

This course is intended to reinforce and build upon the skills developed in Algebra I, and Geometry. Students consider topics such as solving equations, working with functions, and radicals. It will also prepare the students for more advanced math course.

Title: **PRECALC-TRIG**

Length: 1 Year

Prerequisite: Pass Advanced Algebra/Teacher recommendation

This course places emphasis on pre calculus with the study of triangles and their relationship to real world applications. It is highly recommended for students following the Industrial and Engineering career path, as well as students planning on attending college.

Title: **PERSONAL FINANCE MATH**

Length: 1 Year

Prerequisite: Pass Algebra1 & the Math exit exam

This course places emphasis on Algebra, Geometry, Advanced Algebra, and statistics used in real world applications. Income taxes, personal finance, investments, algebraic formulas and statistics will be explored. **(Not for NCAA eligibility)**

## **PHYSICAL EDUCATION**

Title: **LIFETIME ACTIVITIES AND HEALTHY LIVING \* (Basic PE)**

Length: One Semester

Prerequisite: None/**9th grade required class**

Students will spend one quarter of the semester at the pool performing aquatic activities and one quarter in the gym/fields performing land activities. \*Students unable to participate in either land or water activities for medical reasons must have a medical waiver on file with the nurse and they will substitute another PE class to cover this requirement.

Title: **Phys Trng**

Length: One Semester

Prerequisite: None

This course will cover basic technique, safety, and lifting systems. Students will also gain basic knowledge of human anatomy as it applies to strength training. Weight Training 2 is designed for advance lifting techniques and power lifting. Students will develop independent lifting programs for themselves and acquire knowledge of physiology and strength development.

## **LIVING SCIENCE**

Title: **BIOLOGY I**

Length: Two Semesters

Prerequisite: **9th grade required class** This course will study natural resources, plants, water, microorganisms, genetics, and animal processes from a biological and chemical point of view. A variety of methods including microscope studies, lab experiments, outdoor activities, group work, discussions, and lectures, textbooks, and other reference materials will be used.

Title: **MARINE BIOLOGY (Alternate years, see course request sheet)**

Length: Two Semesters

Prerequisite: **Grade 10 or higher and Biology I**

Marine Biology covers the physical aspects of the world's oceans and its living organisms in the aquatic environment. The inter-relationship of humans with this biome will be addressed by investigating how human activity can impact the waters of the world.

Title: **ANATOMY & PHYSIOLOGY (Alternate years, see course request sheet)**

Length: Two Semesters

Prerequisite: **Grade 10 or higher and Biology I Fee: \$25**

Anatomy & Physiology will be devoted to an in-depth study of the skeletal, muscular, integument, circulatory/respiratory, digestive, reproductive, urinary, endocrine systems, nervous and special senses. Both structure and function of these nine systems will be taught.

## PHYSICAL SCIENCE

Title: **PHYSICAL SCIENCE**

Length: Two Semesters

Prerequisites: Grade 10 or higher, Algebra 2

Physical Science is a one year, one credit course which is designed to give the student an introduction to the basic principles and laws which relate to our physical world through three major areas: 1) Chemistry; 2) Mathematics of Science; 3) Force, energy and motion. Students will explore the physical laws and principles as they relate to these areas and their application to modern technology. Through investigations students will gain an understanding of how these laws and principles apply to everyday life.

Title: **EARTH SCIENCE (Alternate years, see course request sheet)**

Length: Two Semesters

Prerequisite: None

This course presents the applications of geology, astronomy, meteorology, and oceanography through investigation of local environmental features and phenomena.

Title: **PRINCIPLES OF ENGINEERING ((Alternate years, see course request sheet)**

**(Can be taken as a Physical Science or a Practical Art Credit)**

Length: Two Semesters

Prerequisites: Grade 10 or higher. Algebra A or Algebra I

Principles of Technology I is a very practical, hands on science class which helps in the understanding of all technology, from its' beginning to present day. The emphasis is on mechanical, fluid, electrical, and thermal systems and how they interact to create all of the remarkable technology around us. Experimentation and some projects are an integral part of the course, as well as a study of real-life applications of mathematics problem solving to scientific concepts. This class is a must who want to understand present day technology, or that of the future and is required for the Industrial/Engineering career cluster.

Title: **CHEMISTRY (Alternating Years)**

Length: Two Semesters

Prerequisite: Algebra A & B, Algebra I or teacher approval recommended, this class is open to sophomores who have completed Geometry and Biology with A's/B's during their freshman year. Chemistry is the study of materials and the changes they undergo. Students planning to attend college will find this course useful. The course is designed to prepare high school students for freshman chemistry in college. Students who do well in this class are academically prepared for either advanced placement or testing out of freshman chemistry. Laboratory work is an integral part of the course with emphasis on academic achievement.

scientific concepts and the use of the scientific method are emphasized. Students design, build, test, and analyze a number of projects throughout the year. Major topics studied in second semester are other forms of energy, sound, light, electro-statistics, 14

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## SOCIAL STUDIES

**\*\*\* NOTE: Seniors must take 1 full year of Social Studies; 1 semester of Government, and 1 semester of Alaska History**

Title: **WORLD HISTORY**

Length: Two Semesters

Prerequisite: None/**10<sup>th</sup> grade required class**

This is a full year course that commences with the Hellenistic Greece to World War I.

Title: **U. S. HISTORY**

Length: Two Semesters

Prerequisites: None/**11<sup>th</sup> grade required class**

This course is the study of the United States from the Civil War to the present 21<sup>st</sup> Century. Use of media, current events, and writing assignments will be used to enhance student learning.

Title: **GOVERNMENT**

Length: One Semester

Prerequisite: None/**12 grade required class**

Government is an in-depth study of the American political structure and the rights and responsibilities of the citizens of the United States. The course will emphasize local government, legislative, judicial, and executive branch, bureaucracy, legal issues, and civil rights. The Constitution will continue to be point of emphasis.

Title: **ALASKA HISTORY**

Length: One Semester

Prerequisite: None/**12 grade required class**

The Alaska Studies course gives students the opportunity to learn about Alaska and to learn why active Alaskan citizenship is important. The course emphasizes Alaska's distinctive physical and human geography. It examines historical events, economic resource development, and the changing political structures of Alaska. The major federal laws that govern Alaska's lands and waters are studied as well as Alaska's changing geopolitical significance. Public ownership dominates Alaska's land and water resources, a situation requiring informed citizen-owners who will need to continue managing the state for a sustainable future.

World Geography (Distance Education)

Economics (Distance Education)

## **WORLD LANGUAGE**

Title: **SPANISH I**

Length: Two Semesters

Prerequisite: None

This is an introductory course for students that wish to speak, understand, read and write in the Spanish language. Students will learn to communicate using simple sentences, intonation, and practice real life situations. Hispanic cultures will be experienced through music, food, art, literature, and celebrated traditions. 15

Title: **SPANISH II**

Length: Two Semesters

Prerequisite: Spanish I

During the second year course, students continue to expand their acquired skills with more emphasis on grammar and increase use of more elaborate sentences including past, present, and future tenses. Students also participate in cultural activities, web searches, and group presentations showing their understanding of Hispanic culture.

## **SPECIAL SERVICES**

The Special Services Department at Seward High school develops and implements individualized education programs designed to meet the unique learning needs of specifically identified students, as those students complete their course work and plan for their future. Special Services Staff work closely with parents and students to develop these individualized education programs. In a very broad sense, the focus of these individual programs falls into three categories.

**A.** The least restrictive individual program is highly inclusive; students with special needs take all of their classes within the general education program.

If a student needs assistance, Special Service's teachers, specialists and aides support these students to successfully complete their course work through a variety of techniques, which include, but are not limited to:

1. Consulting with general education teachers regarding individual student's needs/progress/appropriate modifications.
2. Working directly with the students on their course work and development of organization skills-study habits.
3. Assisting students to develop self-advocacy skills and specific problem solving ability related to their needs and their school program.

**B.** A slightly more restrictive individual program provides direct instruction to the student with special needs within the area of his/her ability, such as mathematics or reading. This program also works with the student in their mainstreamed classes in a manner similar to the one explained above complete with a subject specific study skills. It may also include a more structured vocational program offering supplemental career exploration and more intensive on the job obtaining opportunities than are available through the general education program.

**C.** The most restrictive individual program offers the student a competency-based curriculum designed to focus on the acquisition of life skills within the academic areas. The development of a student's vocational work habits and job specific skills are also included as a high priority.