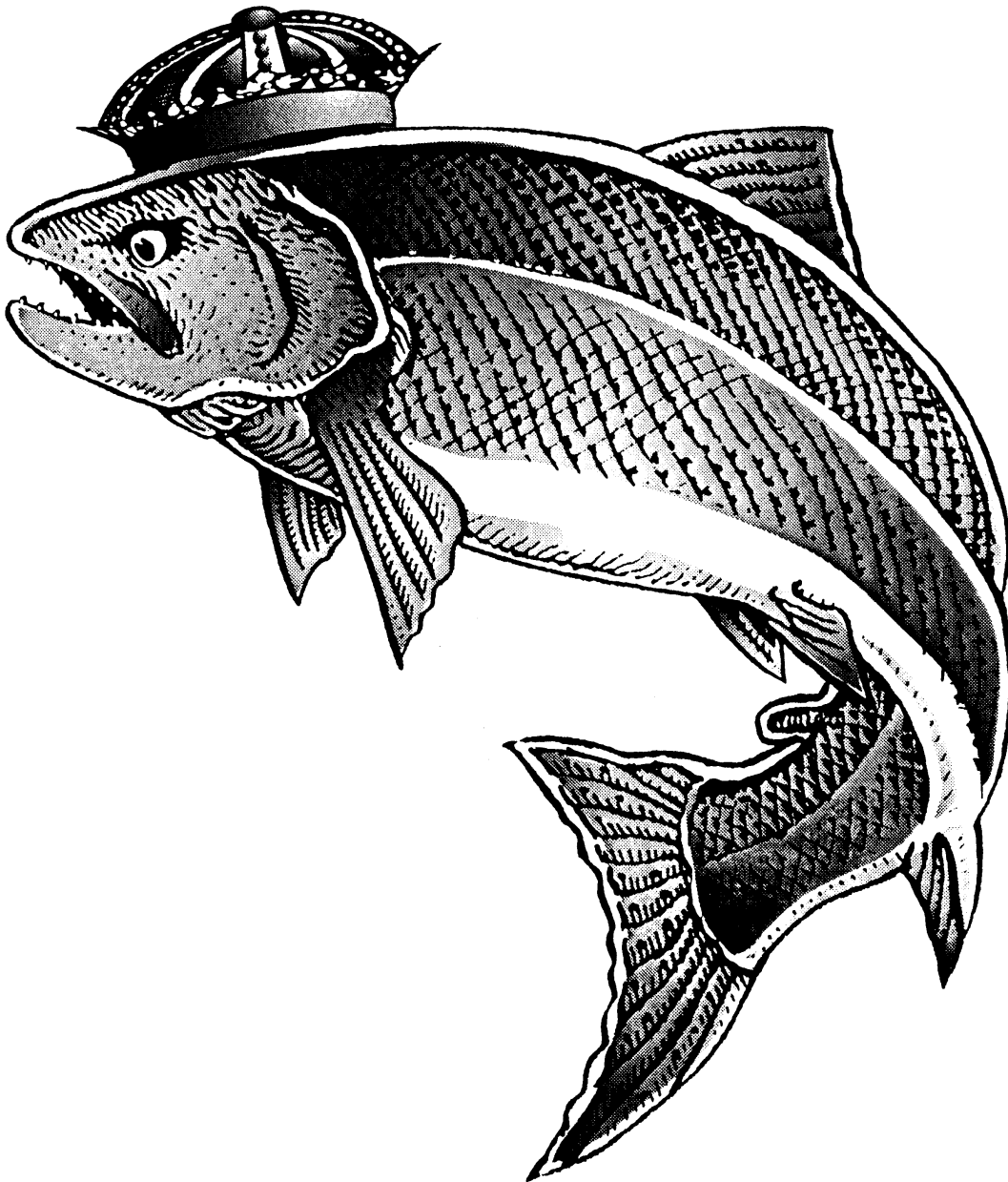


Ketchikan High School

2610 Fourth Ave
Ketchikan, Alaska 99901

Course of Studies



2018-19

04/25/2018

Graduation Requirements:

22 Credits Minimum

<u>Subject</u>	<u>Necessary Credits</u>
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Language Arts/English.	4
Science	3
Math.....	3
American Government (seniors only)...	1
Social Studies	1.5
(Must have 1 unit of World or US History)	
Health	0.5
Alaska History.....	0.5
CTE.....	1
P.E.....	0.5
General Electives.....	7

One semester = one-half credit
(NCAA) approved core course with NCAA

Additional KGBSD Requirements:

Successful completion of an Alaska state job application is required prior to graduation. Contact the Counseling Center for forms or information.

Students must also complete 100 hours of paid or volunteer work experience. At least 75 hours must be from one source with 25 from one additional source. Contact the Counseling Center for forms or information.

NONDISCRIMINATION STATEMENT

THE KETCHKAN GATEWAY BOROUGH SCHOOL DISTRICT, IN COMPLIANCE WITH TITLE VI, OF THE CIVIL RIGHTS ACT OF 1962, TITLE IX OF EDUCATION AMENDMENT OF 1972, AND SECTION 504 OF THE REHABILITATION ACT OF 1973, DOES NOT DISCRIMINATE ON BASIS OF RACE, COLOR, NATIONAL ORIGIN, RELIGION, SEX OR HANDICAP IN ANY OF ITS POLICIES, PROCEDURES OR PRACTICES.

LANGUAGE ARTS/ENGLISH

***THE JUNIOR/SENIOR (11-12) ENGLISH CLASSES IN BOLD WILL BE OFFERED THIS YEAR**

100 ENGLISH IA, IB (9) (NCAA)

Two semesters.

Prerequisite: Completion of the eighth grade.

Students in English I will be given a basic overview and exposure to a variety of English skills. Reinforcement of grammar and usage, vocabulary development, analysis of and exposure to a general selection of literature, creative writing, and oral presentations comprise the core curriculum of this course. Outside reading and several written projects are required. This course is for freshmen of all ability levels.

105 ENGLISH S (10-11-12)

Two semester course

By teacher or counselor recommendation only.

English study hall by teacher recommendation only. Also a class for students who have failed a semester or year of English and need to recover credits.

110 ENGLISH IIA, IIB (10) (NCAA)

Two semesters.

Prerequisites: Students must pass English IA and IB in order to take English II.

Students in English II build upon their knowledge and expertise from English I through reinforcement and mastery of a variety of English skills. Reinforcement of grammar and usage, vocabulary development, analysis of and exposure to multicultural and world literature, creative writing, and oral presentations comprise the core curriculum of this course. Outside reading and a three-to-five page research paper are required. This course is for sophomores of all ability levels.

114 ADVENTURE/SURVIVAL LITERATURE (11-12) (NCAA)

One semester.

Prerequisites: Students must pass English IA and IB as well as English IIA and IIB before they are eligible to take this course.

What makes people adventurous, and how do people cope when confronted with life-or-death situations? This course will examine literature about men and women in conflict with nature as well as themselves, and will include writing about personal experiences.

115 AP ENGLISH LITERATURE AND COMPOSITION (11-12) (NCAA)

Two semesters.

Prerequisites: Minimum of 'B' in English I and II; summer reading and written analysis required. Application process and summer homework also required.

AP English Literature prepares students to take the corresponding AP Test in May. Good test scores can earn a student college credit or advanced placement in college classes. AP English Literature focuses on careful reading and analyzing of imaginative literature both fiction and poetry.

116 AP ENGLISH LANGUAGE AND COMPOSITION (11-12) (NCAA)

Two semesters.

Prerequisites: Minimum of 'B' in English I and II; summer reading and written analysis required. Application process and summer homework also required.

AP English Language and Composition prepares students to take the corresponding AP test in May. Good tests scores can earn a student college credit or advanced placement in college classes. AP English Language and Composition focuses on becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes.

120 SOCIAL JUSTICE (11-12) (NCAA)

One semester.

Prerequisites: Students must pass English IA and IB as well as English IIA and IIB before they are eligible to take this course.

The examination of what is just and true and right is an intriguing topic, especially when viewed through the eyes of various ethnic groups from around the world and in our own backyard. Students will explore in depth the meaning of justice from a variety of perspectives through a variety of literature to get to the core of the course— who decides what is just? Literature studied will include (but not be limited to) minority groups: African-American, Native-American, Filipino-American, Mexican-American, Chinese-American, other immigrant groups, and women.

122 ASIAN LITERATURE (A&B) (11-12) (NCAA)

Two semesters/year-long course.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

Confucius, Gandhi, Mao, and more! We will focus mainly on literature from China, Taiwan, Tibet, and India. Among the major themes of the course are sociopolitical and cultural upheaval and transformation, fiction and nation, and gender, race and class relations. Students will read representative literature of various genres (short stories, novels, poetry, essays, etc.). Selected documentaries and feature films will supplement the literary texts. The course will help familiarize students with major writers and with the cultural and historical contexts in which they produced their works. From Samurai to K-Pop--we will cover it all second semester, with a focus on literature from Japan and Korea.

125 WORLD LITERATURE (A&B) (11-12) (NCAA)

Two semesters/year-long course.

Prerequisites: Students must pass English 1A and 1B as well as English 11A and 11B before they are eligible to take this course.

Travel around the world in the comfort of your classroom. This course will introduce students to different regions of the world through literature and current events and issues. Research of the issues present in the literature will be done and findings shared. The first semester focus will be on literature written by authors from Africa and Asia. For second semester, we will continue your journey around the world through literature authored by writers from Australia, Europe, and the Americas.

126 BIOGRAPHIES – REAL PEOPLE (11-12) (NCAA)

One semester.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

Real people fascinate us. What makes them tick? What is it about a person's background that explains why he or she accomplished interesting and/or great things? We'll read some amazing biographies and autobiographies (complete and excerpted) about such people as pilots Chuck Yeager and Beryl Markham, humanitarian Helen Keller, writer Russell Baker, religious leader Malcolm X, and photojournalist Margaret Bourke-White. We'll interview individuals for People magazine style articles or a Barbara Walters style video and explore "ourselves" through autobiographical writing. Truth is often stranger than fiction!

130 BRITISH LITERATURE (A&B) (11-12) (NCAA)

Two-semester/year long course.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

This is a course of some of the finest literature written by British authors. It will include the study of the legends of King Arthur, Shakespeare's *The Merchant of Venice*, Dickens' *A Tale of Two Cities*, Conrad's *Heart of Darkness*, and Tolkien's *The Hobbit*. In addition to these class texts, there will be opportunities to select books and discuss them in small groups. There are many wonderful British authors and texts from which to choose including: Austen, Dickens, Hardy and Forester.

140 FOLKLORE & FAIRY TALES (11-12) (NCAA)

One semester.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

The fascinating literary world of folklore and fairy tale has provided groundwork and inspiration for many of the world's greatest authors and playwrights both past and present. Students will explore the folklore and fairy tale genres that make up past and present cultures around the world.

145 INDEPENDENT READING (11-12)

One semester.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

Students will work with the teacher to set up individualized reading programs which will not only challenge them, strengthen their reading abilities, and boost their vocabularies, but will also expose students to different genres of reading.

146 SHORT STORIES (11-12) (NCAA)

One semester.

Prerequisites: Students must pass English 1A and 1B as well as English 11A and 11B before they are eligible to take this course.

This semester-based, junior/senior level course, will focus mainly on reading short fiction from a variety of time periods and nationalities. The class will consist of small and whole group discussions, analysis and application of literary terms and thematic issues, consideration of cultural contexts, and examination of narrative construction. Be prepared to participate in group discussions, submit daily written work, write interpretive essays, and complete creative projects. If time allows, you will write your own creative short story.

150 JOURNALISM I (A&B) (11-12) (NCAA)

Two semesters/year-long course.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

Writing a good news story requires more than just knowledge of how to put facts together. Beginning journalism students will learn how to interview subjects, research topics, and gather, evaluate, organize and write news. They will learn to write in news style, using appropriate grammar and English conventions. They also will learn to analyze journalism from articles printed in a variety of newspapers throughout the nation. Other skills will include desktop publishing, including design, layout, and writing captions. Photography students welcome for an elective credit.

151 JOURNALISM II (A&B) (11-12) (NCAA)

Two-semester course

Prerequisite: Completion of Journalism & recommendation of English teacher.

The focus will be to prepare students to work at a college newspaper. Students will be expected to write quality news, feature and opinion pieces and provide valuable feedback as mentors to the Journalism I students. All Journalism II students will assume some editorial role and will be expected to carefully copy edit the articles of 3-5 other students.

152 LITERATURE INTO FILM (11-12) (NCAA)

One semester

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

Reading novels, short stories, plays, and poetry that have been made into films, students who take this course will also study film making and screen writing, conduct research, and produce screenplays.

154 POETRY WRITING (11-12) (NCAA)

One semester.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

Reading and writing poetry and music is a form of literature that requires higher order thinking skills and a creative mind. Students who take this course will explore and examine in depth what it means to be a poet as a writer and as a performer. Students will also focus on creating original poetic works which will be read, written, and performed throughout the length of the course.

155 MYTHOLOGY (11-12) (NCAA)

One semester.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

Borders, languages, and customs might divide people throughout the planet, but their mythologies show how many traits humans actually share. This course takes students on a tour of the mythologies of Europe, Asia, Africa and the Americas, and will examine in depth the written version of oral tales that originated in the early days of communities throughout the world.

165 SHAKESPEARE (11-12) (NCAA)

One semester.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

This course will take what Will Shakespeare put on the page to the stage. After close study of plays, students will get on their feet and participate in the performance of select scenes. The texts will include selections from his history, comedy and tragedy plays. Some possibilities include *The Taming of the Shrew*, *Othello*, *Henry V*, *King Lear*, and *Much Ado About Nothing*. Performances will be for your classmates only and no acting experience is necessary or required.

166 SCIENCE FICTION (11-12) (NCAA)

One semester.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

Science has become such an important part of our lives that there is a whole type of literature, which uses science and technology as a basis for wonderful stories. These stories are still about people and the things that they do; it's just that the effects of science and technology are used to provide new avenues to understand what it means to be human.

167 WAR & REMEMBRANCE (11-12) (NCAA)

One semester

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

Literature is--at its heart--a response to the events in history that shape us into who we as a people become. One avenue to examine both history and human nature is through war literature. Students will utilize their prior knowledge of world events and explore this genre of writing, bringing personal meaning to the quote: "Those who forget the past are condemned to repeat it."

168 MONSTER LITERATURE (11-12) (NCAA)

One semester.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course

What is a monster? Are famous monsters like Frankenstein and Dracula truly monsters, or just misunderstood souls? Students will read of "traditional" monsters as well as the monsters of today.

169 ENGLISH, GREEK, LATIN LANGUAGE (11-12)

One Semester only. Independent Study. Recommendation only.

175 SPORTS LITERATURE (11-12) (NCAA)

One semester

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

Sports literature and the history of sport is less about the “game” and more about the challenges life throws at individuals throughout their lives. Students will examine a wide variety of sports-based literature, including the history of sport and athleticism, racial and gender equity, and the making of Title IX.

178 SPEECH (11-12) (NCAA)

One semester.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

This course is designed to improve students’ understanding and performance of oral communication, specifically in public speaking. Students will learn how to effectively speak in public for a variety of audiences. Students will be graded on delivery, organization, and rhetorical skills for the following speeches: Imitation, Ceremony, Informative, Persuasive, and Demonstration. In addition to developing communication skills, this course will also allow students to enhance their skills in the areas of listening, research, and creative writing.

180 WRITING PROJECTS (11-12) (NCAA)

One semester.

Prerequisites: Students must pass English IA and IB, as well as English IIA and IIB before they are eligible to take this course.

This course is divided into two parts: Part I is comprised of the major parts of the writing process: prewrite, draft, revise/conference, edit, and publish. Types of writing to be taught: personal recollections, as well as all genres of fiction and poetry. Students will also look at their own lives and place and those of others and write about them.

189 AMERICAN LITERATURE (A&B) (11-12) (NCAA)

Two semesters/year-long course.

Prerequisites: Students must pass English IA and IB as well as English IIA and IIB before they are eligible to take this course.

What often defines Americans as a nation can often be found in the literature written by Americans themselves. Prepare yourself for a journey through the American landscape by reading a rich tapestry of literary works that help define who we are in the world. Literary works include (but is not limited to) Steinbeck, Hemingway, Cather, Twain, Kingsolver, Gaines, McCarthy, Bradbury, and Vonnegut.

ENGLISH LANGUAGE LEARNERS (ELL)

0001 ELL MENTOR (ZERO HOUR CLASS – NO CREDIT)

750 ELL I, ELL II, ELL III (9-12)

One or two semester course. STUDENTS MAY REPEAT CLASS FOR CREDIT AS DETERMINED BY ELL TEACHER

Prerequisite: Participation determined by language needs and student enrollment in English as a Second Language program.

This course is designed to meet the needs of the English language learner in the areas of reading, writing, speaking and listening. Emphasis is placed on learning the structure of the English language, vocabulary, and the forms of writing necessary for success in mainstream classes.

760 TUTORIAL: ELL (9-12)

One or two semester course. Students may repeat for additional credit.

Prerequisite: Participation determined by language needs and student enrollment in English as a Second Language program.

This course is designed to meet the needs of the English language learner. Students will learn study skills and receive assistance with classroom assignments.

GENERAL ELECTIVES

651 STUDY HALL (9-12)

One semester.

Designed for students who need extra time to work on their class studies. This class will be supervised by a certified teacher.

675 LIBRARY AIDE (10-12)

One semester course; may repeat for additional credit.

Prerequisite: approval of librarian based on application and interview.

This course will teach students how to find information by actively participating in the library. Students will be assigned individual areas of responsibility, have hands-on assignments that will lead them to acquire extensive knowledge of the media center's resources for use in their own school work and in assisting others. Skills in this class will prepare college bound students to use large college library systems as well as tap into the public library for informational needs. Students, who take this class, must be able to shoulder responsibility without constant supervision after an initial training period.

700 INDIAN ART (9-10-11-12)

Two-semester course. Students may repeat for additional credit.

Prerequisite: An interest in Northwest Coast Indian Art. Some ability in drawings, painting, carving, beading, and sewing. Must be able to follow directions and to meet deadlines. A one time yearly supply fee of \$10.00 will be charged. This is payable to the instructor before the end of 1st or 3rd quarter, depending on your enrollment into the class.

You will be instructed in specific techniques to complete a Northwest Coast art project. These will consist of Northwest Coast Design, assorted media of intermediate or advanced beadwork, leather work from tanned deer hides, different types of dance regalia, and two or three-dimensional woodcarving. Repeating students will have the opportunity to do advanced projects. You are also graded on your use of class time, care of supplies, and respect of the culture, teacher and peers.

705 DRAWING AND PAINTING (9-10-11-12)

Two-semester course.

Prerequisite: An interest in learning and improving your skill, knowledge and understanding of the visual arts A \$10.00 supply fee for each semester will be charged. This is payable to the instructor before the semester ends.

You will be instructed in specific drawing and painting techniques and in the use of a variety of media. In studio, students will practice and create works with these techniques and media within the specifications and time parameters of the project. Cultural, historical, and career aspects of the visual arts will be explored. There will be some time for personal creativity beyond required projects. Repeating students may have the opportunity to concentrate work in a chosen medium and prepare a portfolio.

710 SCULPTURE AND POTTERY (9-10-11-12)

Two-semester course. Students may repeat for additional credit.

Prerequisite: An interest in developing and improving your skill in wheel and hand built pottery, sculptural techniques and drawing. A \$10.00 supply fee for each semester will be charged. This is payable to the instructor before the semester ends.

You will be instructed in both wheel and hand built pottery techniques, as well as a variety of sculptural techniques and the use of a wide variety of materials. In studio, students will practice and create works with these techniques and media within the specifications and time parameters of the project. Cultural, historical, and career aspects of the visual arts will be explored. There will be time for personal creativity beyond required projects. Repeating students may have the opportunity to concentrate work in a chosen medium and prepare a portfolio.

899 AIDE (11-12)

One semester course. May be repeated for credit.

Prerequisite: Must have a completed aide application on file with the counseling office.

Aides are expected to work with the staff indicated on their application. They are to remain with their supervising teacher. This is not a study hall; however, students may work on homework with their supervisor's approval. Aides are given responsibility, and are graded based on their performance of these responsibilities. Aides will be issued grades once each quarter. Attendance is taken and can cause loss of credit per district policy. Grading will be on the standard Kayhi Pass/Fail scale.

001A OFFICE AIDE (11-12)

One semester course. May be repeated for credit.

Prerequisite: Must have a completed aide application on file with the main Kayhi office.

See #899 for description.

0002B COUNSELOR AIDE (11-12)

One semester course. May be repeated for credit.

Prerequisite: Must have a completed aide application on file with the main Kayhi office.

See #899 for description.

896 PE AIDE (11-12)

One semester course. May be repeated for credit.

Prerequisite: Must have a completed aide application on file with the main Kayhi office.

See #899 for description

MATHEMATICS

309 ALGEBRA S (TAKEN IN CONJUNCTION WITH # 310)

310 ALGEBRA 1 (9-10-11-12) (Class size is limited to 25 students) **(NCAA)**

Two Semester Course.

Prerequisite: Teacher recommendation, Math Department Placement Exam, or successful completion of Math Lab or Pre Algebra.

This course deals with problem solving, the rules of algebra, the use of variables, solving equations, graphing, introduction to data analysis and the concept of functions. Students are required to use the Cognitive Tutor Computer program and to participate in small group activities.

311 TRANSITIONAL ALGEBRA/GEOMETRY (9-10-11-12) (Class size is limited to 20)

Two Semester Course.

Prerequisite: Teacher recommendation, Math Department Placement Exam, or successful completion of Algebra I.

This course is a review and reinforcement of concepts dealt with in Algebra I, building a firmer foundation leading to greater success in Algebra II. Concepts covered in Geometry are also introduced with special emphasis placed on the correlations between algebraic processes and their application in geometry.

315 MATH LAB I (9-10-11-12)

One semester course; limited class size (15).

Prerequisite: Teacher recommendation.

Each student's studies will be individualized. Students will use a combination of written and computerized materials and programs during the course. Specific goals must be accomplished and a final test passed to receive credit. Emphasis is on numeric skills, number sense, estimation, problem solving, percents, and basic algebraic equations. Students will strengthen their problem solving skills with and without the aid of calculators.

316 MATH LAB II (10-11-12)

One semester course; limited class size (15).

Prerequisite: Teacher recommendation.

Course in a continuation of #315 Math Lab I.

318 MATH S (MATH STUDY HALL BY TEACHER RECOMMENDATION ONLY)

320 GEOMETRY (9-10-11-12) (NCAA)

Two-semester course.

Prerequisite for grade 9: C or better in High School Algebra I and teacher's recommendation & satisfactory score on Alg 1 final.

Prerequisite for grade 10, 11, or 12: teacher recommendation and completion of Algebra 1 with grade of C or better.

Geometry is a study of lines, angle, polygons and polygon relationships, circles and other plane figures. Emphasis is placed on discovering the fundamental properties and becoming actively involved in the learning process. Students explore geometric relationships with a wide variety of tools; they perform investigations and constructions, measure figures, observe patterns and discuss their findings to discover geometric ideas, write definitions and formulate their on conjectures. Students are presented with formal proofs after they have discovered and mastered the conceptual basis of the theorems they are to prove. All topics from a more traditional geometry courses and covered, but in a manner that turns students from passive observers to active participants.

325 ALGEBRA 2 (10-11-12) (NCAA)

Two-semester course.

Prerequisite: Successful completion of Geometry and Algebra I or Trig with B or better in each course.

This course is a continuation of Algebra I providing a more in dept h study of 1st degree equations, quadratics, conic, complex numbers, exponents and logarithms, matrices, problem solving, and a continuation of data analysis and functions.

335 MATH ANALYSIS/TRIG (PRECALCULUS) (11-12) (NCAA)

Two-semester course.

Prerequisite: Successful completion of Geometry and a B or better in Algebra II.

This course is a prerequisite for calculus. It focuses on Algebraic and geometric representations of problem situations that can be modeled using functions. The extensive use of graphing calculator helps to clarify the connections between past mathematic topics and the new. Linear, polynomial, rational, exponential, logarithmic and trigonometric functions are analyzed throughout the course. Approximately half the year is devoted to an in depth study of trigonometry. Ownership of a TI 82 or 83 calculator is highly recommended.

345 AP CALCULUS (12) (NCAA)

Two-semester course.

Prerequisite: Successful completion of Math Analysis with B or better and teacher recommendation.

AP Calculus develops the student's understanding of the concepts of calculus (functions, graphs, limits, derivatives and integrals) and provides experience with its methods and applications. The course encourages the geometric, numerical, analytical, and verbal expression of concepts, results, and problems. Appropriate technology, from manipulatives to calculators and application software will be used regularly for instruction and assessment.

347 AP STATISTICS (11-12) (NCAA)

Two-semester course.

Prerequisite: Successful completion of Algebra 2 or with a grade of B or better.

The Advanced Placement Statistics course focuses on four major themes. Exploring Data: Describing patterns and departures from patterns. Sampling and Experimentation: Planning and conducting a study. Anticipating Patterns: Exploring random phenomena using probability and simulation. Statistical Inference: Estimating population parameters and testing hypotheses. Course is based on College Board AP Statistics guidelines.

Two-semester course.

Prerequisite: Geometry or with teacher consent.

Students will be able to learn statistical concepts and apply statistical reasoning through learner-centered activities based on real information and data from a wide variety of fields such as sports, entertainment, business, education, science, medicine, psychology, and politics. Major topics to cover: Describing patterns in data, sampling and experimentation, probability and simulations, statistical inference.

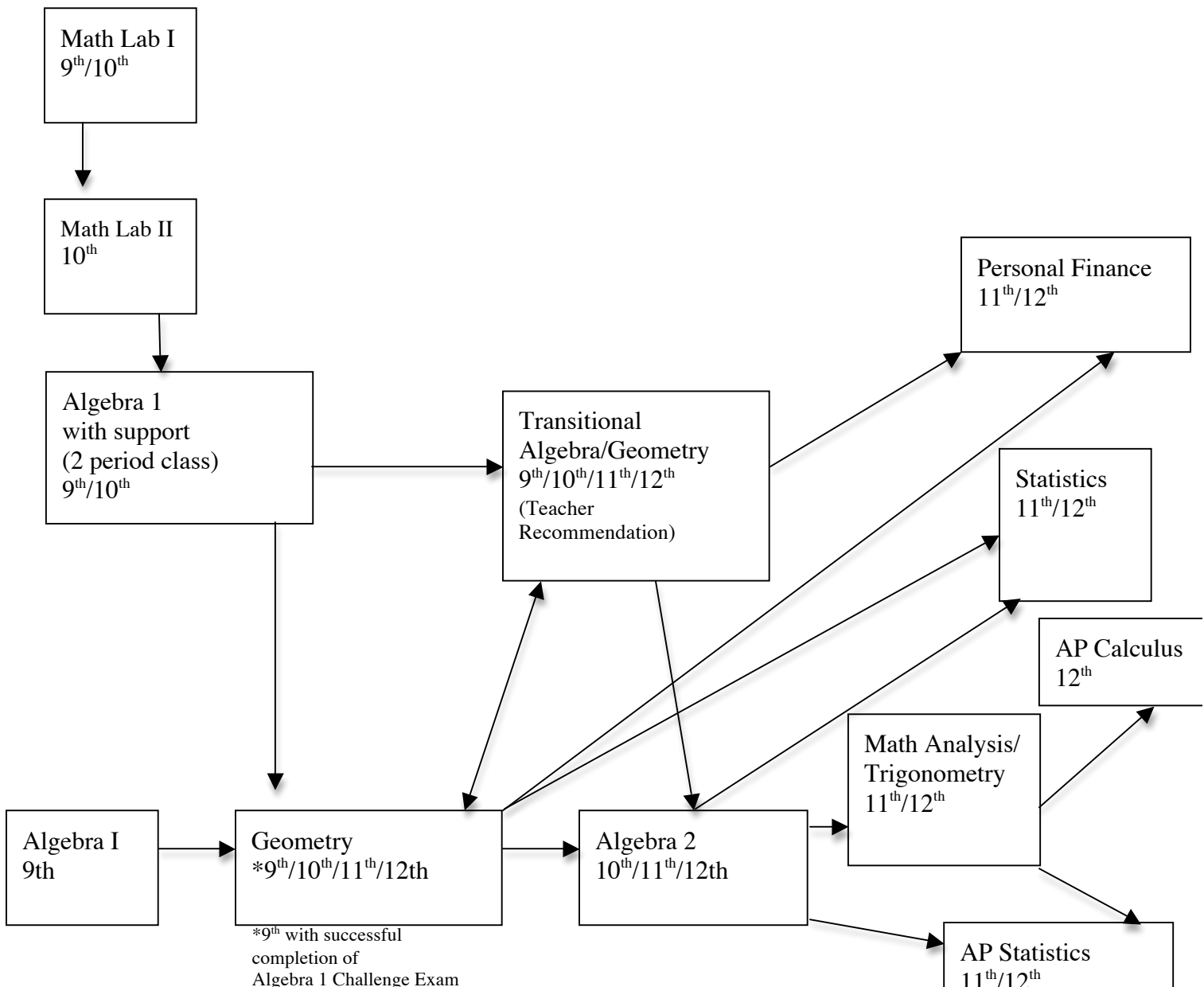
804

PERSONAL FINANCE (10-11-12)

Two semester course.

Prerequisite: Algebra I.

Do you know how to use a checkbook and credit card to track your expenses? Personal Finance will help you learn the skills necessary to be a successful consumer. You will apply basic mathematical skills in computing gross and net pay, managing a personal checking and savings account, computing federal income taxes, preparing a budget, making informed shopping decisions, and determining the least expensive source of credit. You will complete many of the financial forms used in the real world to prepare you for life on your own.



MUSIC

610 SYMPHONIC BAND (9-10-11-12)

Two-semester course. Students may repeat for additional credit.

Prerequisite: Audition and Director approval.

Symphonic Band is designed to help musicians develop and refine the rehearsal and performance skills required for participation in a high school band. It is also open to students who are starting a new instrument or need to refine skills for placement in Wind Ensemble. Emphasis is placed on the development and refinement of more advanced musical skills and the techniques required for advancement to Wind Ensemble. Members are required to attend sectionals, extra rehearsals, concerts, and festivals (as appropriate). Outside personal practice and learning of parts is required.

615 JAZZ ENSEMBLE (9-10-11-12)

Two-semester course. Students may repeat for additional credit.

Prerequisite: Audition and Director approval.

Jazz Ensemble is a select group of musicians who will study and perform many types of jazz, rock, and popular literature. Training will be given in technical and improvisational skills. An emphasis will be given to performance and members are required to attend sectionals, extra rehearsals, concerts, and festivals. Outside personal practice and learning of parts is required. Instrumentation is limited and auditions may be used to determine membership. Concurrent membership in Concert Band, Symphonic Band, or Wind Ensemble is required.

620 WIND ENSEMBLE (9-10-11-12)

Two-semester course. Students may repeat for additional credit.

Prerequisite: Audition and Director approval.

Wind Ensemble is a select group of musicians who perform a variety of band literature from different musical periods. Emphasis is placed on the acquisition and refinement of more advanced instrumental techniques. Members are required to attend sectionals, extra rehearsals, concerts, and festivals. Outside personal practice and learning of parts is required.

621 WOMEN'S CHOIR (9-10-11-12)

Two-semester course. Students may repeat for additional credit.

Prerequisite: Audition and Director approval.

A class for students with or without choral singing experience requiring a high level of commitment to the group. Emphasis is placed on reading music notation and the acquisition and refinement of vocal techniques and includes the study of choral pieces written for female voices covering various genres, historical periods, and languages. Performances and rehearsals outside of regular school hours and attendance at festivals are required.

625 CONCERT CHOIR (9-10-11-12)

Two-semester course. Students may repeat for additional credit.

Prerequisite: Audition and Director approval.

A class for students with or without choral singing experience requiring a high level of commitment to the group. Emphasis is placed on reading music notation and the acquisition and refinement of vocal techniques and includes the study of choral pieces covering various genres, historical periods, and languages. Performances and rehearsals outside of regular school hours and attendance at festivals are required.

635 JAZZ CHOIR (10-11-12)

Two-semester course. Students may repeat for additional credit.

Prerequisite: Concurrent enrollment in Womens's Choir or Concert Choir, audition and director approval.

An advanced ensemble of select vocalists and accompanists for the purpose of singing various musical styles including jazz, swing, and pop. This class requires the ability to read music notation and sing independent parts in close harmony and may involve movement appropriate to the genre. Performances and rehearsals outside of regular school hours and attendance at festivals are required.

640 PIANO/MUSIC THEORY (9-10-11-12)

Two- semester course. Students may repeat for additional credit.

Prerequisite: None

Beginning group piano and music theory course for students with little or no previous piano instruction. Areas covered will include fundamentals of posture and hand position, reading music, reading chord charts, solo playing, duets and group playing, basic accompanying using both written notation and chord symbols, understanding of basic music theory, progress in technical proficiency, and introduction to composition and computer notation programs. Course will be somewhat adapted to challenge individual levels and rates of progress.

PHYSICAL EDUCATION

500 PHYSICAL ED (9-12)

One semester course.

No prerequisite. Students may repeat for credit.

18 weeks of 1-2 week units covering the following sports activities: conditioning/fitness, flag football, physical fitness/flexibility tests, soccer, team handball, basketball, badminton, pickle ball, volleyball, physical fitness tests, broomball and softball.

503 PERSONAL WELLNESS - ONLINE

510 HEALTH EDUCATION (9)

One semester course and required of all students before graduation.

The semester course includes: First Aid/CPR, mental health, nutrition, relationships, human sexuality-family, and drug units all using 4th R curriculum approved by the state of Alaska.

528 GIRLS HEALTH CONDITIONING MANAGEMENT (9-12)

One or two semester course. Students may repeat for credit.

Prerequisite: Approved court exercise shoes, a water bottle, and comfortable clothes that do not limit movement.

Health Conditioning Management combines exercise and nutrition to become stronger, faster, and healthier for all levels of ability. True overall health wellness is the goal. Students will learn aerobic and anaerobic exercises that are cutting edge and fun, target heart range for exercising, proper nutrition, proper warm-ups and cool downs, and software programs for analysis of exercise and nutrition.

529 BOYS CONDITIONING (9-10-11-12)

One or two semester course. Students may repeat for credit.

Prerequisites: A desire to improve fitness through vigorous exercise on a daily basis.

This class is designed to provide the student with both aerobic and anaerobic physical training and instruction.

Anaerobic training is provided through weight and resistance training exercise. The aerobic program utilizes a wide array of cardiovascular and cross-training activities. Students will be instructed on the fundamentals of exercise science/theory as well as proper nutrition. Individualized exercise programs can be designed and utilized for specific fitness outcomes. Students must have a personal desire to willingly and independently participate in strenuous exercise on a daily basis.

699 BASKETBALL 101 (9-10-11-12) – offered Zero hour only

One or two semester course. Students may repeat for credit.

Prerequisites: A desire to improve fitness through vigorous exercise on a daily basis.

SCIENCE

402 **INTEGRATED SCIENCE (9-10)** **(NCAA)**

Two-semester course.

Integrated Science is a required freshman level course that presents such topics as properties of matter, atomic structure and the periodic table, motion, energy and forces, some earth science and some astronomy along with an overview of ecology. Lab technique will be taught along with exploring these topics.

405 **EARTH SCIENCE (10-11-12)** **(NCAA)**

Two-semester course.

Prerequisite: Successful completion of both semesters of Integrated Science.

This course covers topics in several Earth Science related areas. These include but are not exclusive of rocks and minerals, physical geology, volcanoes, earthquakes, plate tectonics, glaciology, weather, and astronomy. The rocks and minerals section utilized extensive hands on testing, identification and classification. Various individual projects and labs challenge the student's knowledge and discovery of Earth Science topics.

410 **BIOLOGY (9-10-11)** **(NCAA)**

Two-semester course.

Prerequisite: Successful completion of both semesters of Integrated Science or 9th grader with passing score on integrated science placement exam and concurrently taking Geometry.

First year Biology will include a study of introductory ecology, chemistry, cell biology, genetics and evolution. Topics in cell biology include organelle structure and function, transport, respiration, photosynthesis, and cell division. Laboratory work is an important component of this course.

411 **BIOLOGY II (10-12)** **(NCAA)**

Two-semester course.

Prerequisite: "C" average or better in Biology or consent of instructor.

Biology II is for students interested in learning more about life science. Topics include water chemistry, thermodynamics, the cell and cell energetics, gene technology, and anatomy. A segment on stream ecology is presented that culminates in a field trip in the spring of the year. Students use a college level text and supporting materials.

413 **ENVIROMENTAL SCIENCE – ONLINE**

420 **MARINE BIOLOGY (10 -11-12)** **(NCAA)**

Two-semester course.

Prerequisite: Successful completion of Biology 1

Students will learn about the physical structure and chemistry of the ocean, with a focus on the diversity of ocean life in an overview of major marine phyla, marine ecology, Alaskan fisheries, and the scope and impact of human interactions with the oceans. Laboratory activities reinforce concepts and principles presented and local beaches and harbors are used for field trips. This class participates in the ongoing Phytoplankton Monitoring Project collecting data on Harmful Algal Blooms.

Prerequisite: successful completion of Biology 1

425 **OCEANOGRAPHY (11-12)** **(NCAA)**

Two-semester course.

Prerequisite: Successful completion of Biology 1 and Chemistry 1

Students will learn about the major aspects of the world ocean. These include the global significance of the ocean, ocean's chemistry, physical structure, dynamics, geological interactions, and a brief overview of biological interactions. In addition, there is a major focus on oceans within the context of climate science. Laboratory activities reinforce concepts and principles presented and local beaches and harbors are used for field trips. This is

an excellent course to prepare for the National Ocean Sciences Bowl. There are several STEM projects available for study in this class.

Prerequisites: successful completion of Biology 1 and Chemistry 1

430 CHEMISTRY I (10-11-12) (NCAA)

Two-semester course.

Prerequisite: "C" average or better in Integrated Science and Algebra I.

A beginning course that includes a study of atomic structure, chemical periodicity, writing formulas of compounds, balancing equations, chemical bonding, oxidation, reduction, stoichiometry, acids, bases, solutions and solubilities. Laboratory work is an important part of this course.

435 CHEMISTRY II (11-12) (NCAA)

Two-semester course.

Prerequisite: Satisfactory completion of Chemistry I.

Chemistry II is for those students whose career interests lie in chemistry, physics, biology, molecular biology, medicine, engineering or related fields. Topics explored include chemical bonding, kinetic-molecular theory, thermo-chemistry, acid-base theories, equilibrium, reaction kinetics and organic chemistry, which include basic nomenclature and synthesis.

440 PHYSICS (10-12) (NCAA)

Two-semester course.

Prerequisite: Successful completion of Algebra II.

A study of the relation between matter and energy. Detailed descriptions are supported by extensive use of scientific models and relative based concepts. The student will explore and apply classical Newtonian Mechanics as well as heat, light, wave theory, sound energy, electricity and magnetism, and elementary nuclear physics. Labs are required.

446 VOCATIONAL MEDICAL TERMINOLOGY (11-12)

Two-semester course.

Prerequisite: Successful completion of Health and Biology with a C or better, GPA of 3.0 or higher, or instructor's permission, completed application, and access to transportation. Cost is \$75.00 per semester for 3 college credits per semester and \$80.00 for the textbook.

This course is designed for students interested in the Health Care/Medical field. The course is one year long and includes: Anatomy/Physiology; Medical Terminology; Vital Signs; Record Keeping; Patient/People skills; Medical Laws and Ethics; CPR/1st Aid Certification; Confidentiality; Death and Dying; Career Research and Job Shadowing. This course is articulated with UAS as HS 135 Medical Terminology for fall and HS 101 An Introduction to Health Careers for spring. Students receive 3 college credits per semester in addition to the high school credit. This course is required for completion of twelve different UA medical programs. Students will be extending the school day for April and May. They will be required to volunteer on a Saturday at the Ketchikan Health Fair and extend two school days in the fall for CPR/1st Aid Certification.

450 AP CHEMISTRY (12) (NCAA)

Two-semester course.

Prerequisite: Successful completion of Chemistry I and Chemistry II or instructor's consent.

AP Chemistry is an advanced course that studies such topics as molecular shape, properties of solids, liquids and gases, electrochemistry and nuclear chemistry. A review of Chemistry I and Chemistry II along with advanced laboratory experiments will prepare the student for the AP Chemistry Exam, which upon successful completion can lead to college credit.

455 AP BIOLOGY (11-12) (NCAA)

Two-semester course.

Prerequisite: B or better in Biology II or instructor's consent and successful completion of Chemistry I.

AP Biology is designed to be the equivalent of a college introductory biology course usually taken by biology majors. Topics include those regularly covered in a college biology course. The goal of AP Biology is to help

students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. The general areas of study include molecules, cells, heredity, evolution, organisms and populations. Preparations for the AP Exam will be featured. College credit is available upon successful completion of the AP Exam.

SOCIAL STUDIES

200 ALASKA STUDIES (9) (NCAA)

One-semester course.

Required by State of Alaska.

This course is designed to give students an appreciation for the state in which they reside. The course will be divided into 5 major sections-Native Cultures of Alaska, Alaska History, Alaska Geography, Alaska's Economy and Current Alaskan Issues. Time will be spent researching information in the library and on the internet for the completion of projects. Students will also be expected to complete assignments and pass quizzes and tests. The class is required of all students entering high school during or after the 2005/2006 school year and is normally, but not exclusively restricted to freshmen.

205 UNITED STATES HISTORY (10-11-12) (NCAA)

Two-semester course.

Prerequisite: at least sophomore standing.

U.S. History is course designed to give the learner a broad understanding of our nation's past in order to better understand who the United States is today and the role it plays in the world. By highlighting those events that proved to be significant in the formation of our country, the learner will understand how the United States developed into a world power. A wide variety of methods will be used to present the story, including simulations, films, plays, primary source analysis, and a survey textbook.

210 WORLD HISTORY (10-11-12) (NCAA)

Two-semester course.

Prerequisite: at least freshman standing (The class is designed for Sophomores)

This survey course studies cultures, religions, and civilizations of the world from the prehistoric period to modern day. The student will learn about major events, people, and traditions from Europe, Africa, Asia, the Middle East, and Latin America in order to give historical context and an understanding of the world's cultural diversity.

215 AMERICAN GOVERNMENT (12) (NCAA)

Two-semester course.

Prerequisite: Senior standing only.

First semester American Government stresses the theory of government. Basic questions are introduced: What is government? Why is government important? What are the different types of government found in the world? The first semester also emphasizes the organization of American government through an intensive examination of the Constitution. The second semester emphasizes current problems, especially those involving urbanization, civil rights, the economy and foreign policy. The overall goal of the course is citizenship education designed to produce a responsible citizen, interested in becoming involved in the American democratic form of government.

218 ECONOMICS (10-12)

One Semester Course

This course will be "applied economics" which is designed to incorporate traditional economic theories with current local and national business applications. Local businessmen, many of whom are involved with the Junior Achievement Program, will serve as regular, visiting instructors to assist with applying economic theories to everyday application in local business operations. Weekly or bi-weekly presentations will be made by these actively involved business leaders.

225 **COMPETITIVE DEBATE/SPEECH ACTIVITIES (9-12)**

One-semester course.

No prerequisite. Freshmen may be admitted upon instructor approval.

Competitive debate prepares a student to present individual events, speeches of expository speaking, oration and extemporaneous speaking as well as both affirmative and negative sides of the cross-examination debate topic for each year. Debate emphasizes a logical, systematic analysis (both on a written and oral level) of a contemporary social problem. It requires a great deal of research and organization as well as the development of critical thinking skills. Students will work in teams to analyze and prepare both the affirmative and negative sides of a selected topic. The conclusion of these efforts is the formal debate competitions once a month throughout Southeast Alaska. Students will learn how to prepare, organize and deliver a speech as well as how to work closely with others in the class and think critically. The second semester of this course is speech activities. It involves learning how to debate Lincoln-Douglas style and Parliamentary style. Other speech activities will include presentation of radio, TV or video programs, editorial comment and other media presentations. A mock trial will also be held to further illustrate the use of debate skills. Emphasis this semester will be on utilizing the speaking and research skills learned the previous semester.

240 **AP US HISTORY (10-12)** **(NCAA)**

Two-semester course.

Prerequisite: Instructor approval

This course is designed to provide motivated students, preparation for the AP US History exam that is published and administered each year in the month of May by the college board. An emphasis is placed on interpreting documents, (dbqs) mastering a significant body of factual information, and writing critical essays. Training students to handle the free-response section of the AP exam provides the focus for the writing component of the course. Much attention will be paid to the process of essay writing, as that is a key component of the AP exam. The students will consistently be asked to examine the history of the United States in relationship to five main concepts: revolution, reform, free enterprise vs. government regulation, freedom vs. security, change over time.

250 **AP WORLD HISTORY (10-11-12)** **(NCAA)**

Two-semester course.

*Prerequisites: Completion of the summer project. *Priority will be given to qualified seniors, particularly those who have successfully completed AP European History.*

This course prepares students to take the AP World History exam in the spring. This full-year course is designed for highly motivated sophomores, juniors or seniors. The time period covered is approximately 8000 BCE to 2000 CE, and examines the world with equal weighting of Africa, Asia, Europe and the Americas. Included in this course are college-level reading and resources, research and writing projects, critical thinking and analysis, practice with document-based questions, and historiography. Students in this course are expected to take the AP World History exam in May. Successful completion of the exam may enable a student to receive college credit for the course. This course is offered on a rotating basis with AP European History.

251 **AP EUROPEAN HISTORY (11-12)** **(NCAA)**

Two-semester course.

Prerequisites: 1. Successfully complete World History or AP World History. Be of junior or senior standing (although an exception might be made—See Mr. Bolling) 3. Meet the deadlines for the application process and complete the application process

** priority will be given to qualified seniors, particularly those who successfully completed the AP World History course.*

The AP course and examination in European History are intended for qualified students who wish to complete classes in secondary school equivalent to college introductory courses in European history. The course corresponds to the most recent developments in history curricula at the undergraduate level. The course will cover European history from 1450 C.E. (the Renaissance) to the present.

The class will be limited to 24 students. A series of summer projects will be assigned and will be applied to the first quarter and first semester grades.

253 AP ECONOMICS (10-12)

One-semester course

The purpose of an AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Some of the topics to be covered are: Basic Economic Concepts, Measurement of Economic Performance, National Income and Price Determination, Inflation, Unemployment, and Stabilization Policies, and International Trade.

254 AP AMERICAN GOVERNMENT (12) (NCAA)

Two-semester course.

Prerequisite: Senior standing only.

Students study general concepts used to interpret U.S. government and politics and analyze specific topics, including:

- Constitutional Underpinnings;
- Political Beliefs and Behaviors;
- Political Parties, Interest Groups, and Mass Media; • Institutions of National Government;
- Public Policy; and
- Civil Rights and Civil Liberties.

An integral part of the course includes analysis and interpretation of basic data relevant to U.S. government and politics, and the development of connections and application of relevant theories and concepts.

The AP United States Government and Politics Exam asks students to explain and apply key and supporting concepts. The exam measures students' understanding of American political culture and the interactions of governing and linkage institutions. Questions are based on the six major topics in the course, and students must be able to define, compare, explain, and interpret political concepts, policies, processes, perspectives, and behaviors that characterize the U.S. political system.

257 AP PSYCHOLOGY – ONLINE

258 PSYCHOLOGY – ONLINE

SOCIOLOGY

CAREER - TECHNICAL

446 VOCATIONAL MEDICAL TERMINOLOGY I (11-12)

Fall-semester course. May be counted as a science credit, course.

Prerequisite Successful completion of Health and Biology with a C or better, 3.0 GPA or better, or instructor's permission, completed application, and access to transportation. Cost is \$75 for 3 college credits per semester and \$80 for the textbook.

This course is designed for students interested in the Health Care/Medical field. The course is one semester long and includes: Anatomy/Physiology; Medical Terminology; Vital Signs; Record Keeping; CPR/1st Aid Certification. This course is articulated with UAS as HS 135 Medical Terminology for Fall. Students receive 3 college credits per semester in addition to the high school .5 credit. This course is required for completion of twelve different UA medical programs. Students will be required to volunteer on a Saturday at the Ketchikan Health Fair and extend two school day in the beginning of the term for CPR/1st Aid Certification.

775 YEARBOOK PRODUCTION & MARKETING (10-11-12)

Two-semester course. Students may repeat for additional credit.

Prerequisite: Approval of instructor. Keyboarding, art and photographic ability preferred.

The members of this class produce the Kayhi yearbook (Williwaw) from cover to cover and the 16-page supplement. Students must be responsible and self motivated. The ability to work independently and cooperatively is essential. Students learn the basics of establishing an organization plan, the process of transferring a product to a consumer, and the fundamentals of operating a successful business. Class members are required to participate in the budgeting process, sell advertisements, design and create yearbook pages, photograph school activities, and meet established deadlines. Students will often meet outside of standard school hours to complete deadlines and photograph events.

812 TECHNOLOGY IN MARKETING (10-11-12)

Two-semester course.

No prerequisite.

Formerly ILife movie and music production. The Technology in Marketing class offers all the skills and knowledge you need to launch a successful career in film, radio, video or television. Students complete radio, film and video projects while learning to work as part of a production team. The curriculum includes individual and multidisciplinary assignments geared to developing both creative and technical proficiency. Large studios and modern production equipment support these goals, enabling students to produce high-quality work. A comprehensive and balanced approach to study includes opportunities to produce, write, direct, shoot and edit on numerous projects. There's a strong commitment to postproduction, and students gain practical experience on a variety of video and audio workstations.

815 ACCOUNTING I (9-10-11-12)**

Two-semester course.

No prerequisite.

Starting your own business, interested in becoming an Entrepreneur or getting a good job? Learning practical accounting applications will allow you to pursue jobs as bankers, stock brokers, accountants, bookkeepers, and business managers as well as give you basic financial operations knowledge. Accounting 1 introduces students to a double entry bookkeeping system by using workbook problems, and business simulation packets. Any college bound student will benefit from course when preparing for an accounting, finance, marketing, law or business administration degree. A point of interest: more and more universities are requiring accounting as a graduation requirement from the universities due to money management issues facing graduates.

820 ACCOUNTING II (10-11-12)**

Two-semester course.

Prerequisite: Accounting I.

Accounting II emphasizes the computer applications of accounting principles. Students will review the full accounting cycle on the computer. Additional concepts will be introduced in this course to advance the student's knowledge of the accounting field. The course will cover such topics as careers in accounting, review of the accounting cycle, partnerships, computerized payroll problems, departmentalized accounting, delinquent accounts, plant assets, accruals, corporations, financial statement analysis, cash accounting, budgeting and management decision-making.

829 ENTREPRENEURSHIP (11-12)

Two-semester course.

No prerequisite.

Are you someone who listens, observes and thinks? Do you have the potential and interest for becoming an Entrepreneur! This course "emphasizes the connections between personal motivation, succeeding in the real world, and the importance of being personally and financially independent" (NFTE). If you're ready to learn how

to take control of your life and your future, this is a class for you! **Students will be required to meet outside of standard school hours to complete business internships and job shadowing assignments.

EDUCATOR'S RISING:

861 LEADERSHIP DEVELOPMENT (9-10-11-12)

One-semester course

Leadership Development is the essential first course in preparing student to become educators. Students will develop skills to become reflective, self-aware learners while building capacity as school and community leaders. Focused on the skills and dispositions required to lead, students will explore equity in education and how personal bias influence how they teach an learn. Students will explore their personal values identifying passions, strengths, and challenges to build a career and learning plan.

862 EDUCATIONAL DEVELOPMENT & PSYCHOLOGY (9-10-11-12)

One-semester course.

Prerequisite: Successful completion of Leadership Development or permission of instructor.

This course explores the development of students across the learning continuum and the importance of understanding students as learners. Students will learn about the diversity of learners in an education system and how educators prepare to meet the needs of all students. In preparation for teaching in a culturally diverse system, students will explore the role of the educator in developing a classroom of respect that embraces diversity and empowers students.

863 SUPPORTING LEARNING

One-semester course.

Prerequisite: Successful completion of Educational Learning or permission of instructor

This course focuses on the learning environments that facilitate student growth. Students will explore how educators create an engaging learning environment that provides culturally relevant learning opportunities an the instructional strategies that support students' self-efficacy. Students will develop lesson plans and facilitate instruction in classrooms within their school community.

864 DEVELOPING PROFESSIONALISM

One-semester course

Prerequisite: Successful completion of Supporting Learning or permission of instructor

In the Developing Professional course, a focus is placed on student clinical experiences and the continued development of the education professional. Using reflective practices, students develop and deliver lesson plans that pull together all the elements learned in previous courses. Students will spend time building their professional portfolio and network while developing a learning an career plan.

MARITIME: Are boats in your future? Do you plan to own or operate a boat someday? If the answer is yes, you should consider taking Maritime I and Maritime II. Maritime is a fun class with a mixture of academic and "hands on" work designed to teach students the skills necessary to operate a boat safely.

900 MARITIME I (9-10-11-12)

Two-semester course (one hour per day)

No prerequisite.

Maritime I is designed to expose students to marine safety, seamanship, and navigation. Students will use the school's 45' training vessel, Jack Cotant, and the program's 16' open skiff to reinforce lessons learned in the classroom. This is an excellent course for anyone who plans on operating a boat, or working in the maritime field.

901 MARITIME II (10-11-12)

Two-semester course (one hour per day)

Prerequisite: Maritime I

Students taking Maritime II will study topics covered in Maritime I in greater detail, and be introduced to more advanced maritime topics. In addition, Maritime II students will spend time maintaining, navigating, and handling the school's 16' open skiff and 45' training vessel, M/V Jack Cotant. A series of one to three day field trips will be taken throughout the year to reinforce topics covered in class. This is an excellent course for anyone who plans on operating a boat or working in the maritime field.

905 DRAFTING I (9-10-11-12)

Two-semester course.

Prerequisite: Must have completed the 8th grade.

Drafting 1 gives students the opportunity to gain basic skills and technical knowledge as they make drawings with drafting instruments and CAD (Computer Aided Drafting). The class covers the different areas within mechanical drawing and also gives the students an introduction to architectural drawing. The course is valuable for potential architects, engineers, contractors and tradesmen.

912 WOOD WORKING I (9-10-11-12)

Two-semester.

Prerequisite: None

Through the use of the textbook, workbook, magazine articles, lectures, demonstrations, field trips, and hands-on activities, students will develop an appreciation for the locally growing species of woods and their economic value. The student will learn to safely operate and use hand tools, portable power tools, and power machinery to process raw material (wood) into useful and valuable projects and products. Additionally, this course will increase the student's awareness of the many skilled occupations from which to choose a career in the field of wood technology, including carpentry and cabinet making. Will learn the operation of CNL machinery and mass production principals.

914 WOOD WORKING II (10-11-12)

Students will learn to make projects using defined plans. Students in Woodworking 2 will learn advanced techniques such as joinery, wood turning (bowls and platters), fine finishes, and advanced layout and planning.

916 WOOD WORKING III (11-12)

Students will continue working with defined plans to make projects. Students in Woodworking 3 will continue using and refining advanced skills techniques such as joinery (dovetails intricate joinery), wood turning (bowls and platters), fine finishes, and advanced layout and planning.

915 BUILDING CONSTRUCTION (9-10-11-12)

Two-semester course.

Prerequisite: Must have completed the 8th grade and completed Wood Working I. There is a 15.00 per semester class fee.

This is a practical, hands-on construction course that will cover basic building information, which will help students acquire many useful skills in the construction fields. Along with construction fundamentals students will learn and operate hand and power tools in a safe manner. This class participates with various agencies throughout the community in maintaining and building a variety of structures.

918 BASIC WELDING (10-11-12)

Two semester course. Students may elect to pay for UAS college credit. 5 spaces available and funded through a special district scholarship.

A beginning level course covering the fundamentals of oxyacetylene welding, brazing and cutting, and electric arc welding. Emphasis in flat and horizontal welding positions on mild steel using a variety of welding rods and techniques.

919 WELDING II (11-12)

920 WELDING III (12)

925 PRE-CULINARY (9-10-11-12)

Two semesters.

Prerequisite: none Class size is limited to 15. There is a 15.00 per semester class fee.

Pre-culinary is primarily designed for incoming freshmen and introduces the students to the culinary part of the hospitality industry. It exposes them to the basic skills and knowledge necessary to pursue the culinary field. At the conclusion of the school year they should be have a basic understanding of career opportunities, kitchen safety and sanitation, knife skills, how to read a recipe, food preparation, the different cooking methods, nutrition and customer service.

930 CULINARY ARTS I (10-11-12)

Two semesters.

Prerequisite: Instructor approval Class size is limited to 12. Class fee \$20.00

Culinary 1 introduces sophomore through senior students to careers in food service and teaches them the basic skills needed for success in the food service industry. At the conclusion of the school year they should be have an thorough understanding of career opportunities, advanced kitchen safety and sanitation, basic knife skills, recipes, food preparation, different cooking methods, nutrition, and customer service.

935 CULINARY ARTS II (11-12)

Two semesters.

Prerequisite: Successful completion of both semesters of Culinary I with a minimum grade of B and permission of instructor. Class fee of \$20.00

Culinary 2 is designed for juniors and seniors and continues to develop students in preparation for careers in the food service industry. By the conclusion of the school year they should have had opportunities for internships in the career field, certification in kitchen safety and sanitation, advanced knife skills, recipe modifications, advanced food preparation, cooking methods, nutrition, and customer service.

936 DRIVERS EDUCATION - ONLINE

950 CARWISE A (9-12)

Two-semester course

Car Wise is a basic car maintenance class for the beginner. This course will enable anyone to understand the basic systems of their car and perform essential maintenance and service.

951 SMALL ENGINES (9-10-11-12)

Year-long class, 1 elective credit, 55 minute class, 179 hours, \$50 shop fee.

No Prerequisites.

SMALL ENGINES is an introductory level shop class covering theory, operation, maintenance, repair, and overhaul of two and four stroke gasoline and diesel engines. Students will learn shop safety, tools and fasteners, precision measurement, engine systems, engine performance, and the use of specialized engine tools. SMALL ENGINES is open to all grades and is highly recommended for students wishing to enroll in the General Service Technology program.

952 GENERAL SERVICE TECHNICIAN 1 (GST1) (10-11-12)

Year-long class, One hour, 1.0 elective credits, 165 hours, \$60 shop fee

Prerequisite: Sophomore standing or higher Small Engines class recommended. Drivers license or learners permit required.

Course Description: General Service Technician 1 (GST1) is the introductory course in the GST Program at Ketchikan High School. The GST program was created in response to the automotive industry needing entry-level technicians who have mastered a set of over 150 basic automotive service skills. After being introduced to theory and basic service procedures in the classroom, students perform actual service on vehicles owned by the community, including faculty and student vehicles. Students will learn to safely use tools and shop equipment, perform underhood service including fluid service, battery service and belt service. Students will learn to mount, balance and patch tires. The second half of the class is built around Brakes, Suspension and Steering Service. Successful completers of GST1 are eligible for 3 optional college credits at the University of Alaska Southeast.

953 GENERAL SERVICE TECHNICIAN 2 (GST2) (11-12)

*Year-long class, Two hour block class, two semester course, 2.0 elective credits, 358 hours, \$60 shop fee
Pre-requisite: Must have completed GST I with a C or better. Must have valid drivers license or permit.*

Course Description: GST 2 is the second and completion class for the 540 hours Ketchikan High School General Service Technician Program. The GST program was developed by the National Automotive Technicians Education Foundation (NATEF) to address the need for entry-level technicians with a broad range of skills. Students who complete the GST program will have had the opportunity to learn skills needed for career-entry employment in the automotive industry. Students will also be prepared to enter an automotive training program at the post-secondary level. GST 2 covers essential principals and maintenance on all systems of the automobile. The first semester will cover Suspension and steering, and Electricity/Electronics. The second semester will cover Engine Performance, Drivetrains and Heating/Ventilation systems. Part of the class will be devoted to preparing for the AAA/Ford Troubleshooting Alaska State competition.

WORLD LANGUAGE

715 JAPANESE I (9-10-11-12)

Two-semester course

An introduction to Japanese language and culture.

735 SPANISH I (9-10-11-12) (NCAA)

Two-semester course. Continuation into the second semester requires successful completion of the first semester.

This is an introduction to the language of Spanish speaking people throughout the world. Students will be taught with a balanced approach focusing on listening, speaking, reading, and writing the Spanish language. Vocabulary, grammar and other foundational skills will be our focus. We will also integrate Cultural awareness throughout this year's language instruction.

740 SPANISH II (10-11-12) (NCAA)

Two-semester course.

Prerequisite: SPANISH I. Continuation into the second semester requires successful completion of the first.

This is a continuation of building foundational Spanish language skills. This is a grammar intensive course. Students will develop their skills increasing their ability to comprehend, speak, read, and write in the Spanish language. We will also have a variety of activities that will increase the student's cultural awareness.

746 ADVANCED SPANISH (11-12) (NCAA)

Two-semester course, which can be taken more than once.

Prerequisite: SPANISH II. Continuation into the second semester requires successful completion of the first.

This course emphasizes a whole language approach to learning. In this course, we will focus on putting all of our learned foundational skills to work. We will have practical assignments, which require a variety of foundational skills to be used in unison. Communication in the Spanish language will be at the base of everything we do. Many class activities will feature immersion learning-active lessons conducted entirely in Spanish. We will also enjoy learning more of and taking part more deeply in Spanish tradition, art, food, and culture. This is a fun class!

749 HAIDA I (9-12)

Two-semester course

This is an introduction to the Haida language, a heritage language of the region. All are welcome!

748 HAIDA II (10-11-12)

Two-semester course

Prerequisite: HAIDA I. Continuation into the second semester requires successful completion of the first!

This is a class designed for those who have successfully completed Haida I and want to continue to expand their knowledge and use of the Haida language

COURSES BY NUMBERS

ENGLISH

- 100 ENGLISH I (9)
- 110 ENGLISH II (10)
- 110C ENGLISH IIC
- 114 ADVENTURE/SURVIVAL LITERATURE (11-12)
- 115 AP ENGLISH LITERATURE AND COMPOSITION (11-12)
- 116 AP ENGLISH LANGUAGE AND COMPOSITION (11-12)
- 120 SOCIAL JUSTICE (11-12)
- 122 ASIAN LIT (11-12)
- 125 WORLD LITERATURE (11-12)
- 126 BIOGRAPHIES – REAL PEOPLE (11-12)
- 130 BRITISH LITERATURE (11-12)
- 140 FOLKLORE & TALES (11-12)
- 145 INDEPENDENT READING (11-12)
- 146 SHORT STORIES (11-12)
- 150 JOURNALISM I (11-12)
- 151 JOURNALISM II (11-12)
- 152 LITERATURE INTO FILM (11-12)
- 154 POETRY WRITING (11-12)
- 155 MYTHOLOGY (11-12)
- 165 SHAKESPEARE I (11-12)
- 166 SCIENCE FICTION (11-12)
- 167 WAR & REMEMBRANCE (11-12)
- 168 MONSTER LIT (11-12)
- 169 ENGLISH, GREEK, LATIN LANGUAGE (11-12)
- 175 SPORTS LITERATURE (11-12)
- 178 SPEECH (11-12)
- 180 WRITING PROJECTS
- 189 AMERICAN LITERATURE (11-12)

ENGLISH AS LEARNED LANGUAGE

- 0001 ELL MENTOR (ZERO HOUR – NON CREDIT)
- 750 LANGUAGE ARTS: ESL (9-12)
- 760 TUTORIAL: ESL (9-12)

GENERAL ELECTIVES

- 0001 OFFICE AIDE (11-12)
- 0002 COUNSELOR AIDE (11-12)
- 675 LIBRARY AIDE (10-12)
- 700 INDIAN ART (9-12)
- 705 DRAWING & PAINTING (9-12)
- 710 SCULPTURE & POTTERY (9-12)
- 896 PE AIDE (11-12)
- 899 CLASSROOM AIDE (11-12)

MATHEMATICS

- 309 ALGEBRA S (9)
- 310 ALGEBRA 1 (9)
- 311 TRANSITIONAL ALG/GEO (11-12)
- 315 MATH LAB I (9-12)
- 316 MATH LAB II (10th)
- 318 MATH S (9-12)
- 320 GEOMETRY (9-12)
- 325 ALGEBRA 2 (10-12)
- 335 MATH ANALYSIS/TRIG (11-12)
- 345 AP CALCULUS (12)
- 347 AP STATISTICS (11-12)
- 350 STATISTICS (11-12)
- 804 PERSONAL FINANCE (10-12)

MUSIC

- 610 SYMPHONIC BAND (9-12)
- 615 JAZZ ENSEMBLE (9-12)
- 620 WIND ENSEMBLE (9-12)
- 621 WOMEN'S CHOIR (9-12)
- 625 CONCERT CHOIR (9-12)
- 635 JAZZ CHOIR (9-12)
- 640 PIANO/MUSIC THEORY (9-10-11-12)

PHYSICAL EDUCATION

- 500 PHYSICAL ED (9-12)
- 503 PERSONAL WELLNESS - ONLINE
- 510 HEALTH EDUCATION (9)
- 528 GIRLS CONDITIONING (9-10-11-12)
- 529 BOYS CONDITIONING (9-10-11-12)
- 699 BASKETBALL 101 (9-12)

SCIENCE

- 402 INTEGRATED SCIENCE (9-10)
- 403 PHYSICAL SCIENCE - ONLINE
- 405 EARTH SCIENCE (10-12)
- 410 BIOLOGY (10-12)
- 411 BIOLOGY II (11-12)
- 413 ENVIRONMENTAL SCIENCE - ONLINE
- 420 MARINE BIOLOGY (10-12)
- 425 OCEANOGRAPHY (11-12)
- 430 CHEMISTRY I (10-12)
- 435 CHEMISTRY II (11-12)
- 440 PHYSICS (11-12)
- 446 VOCATIONAL MEDICAL TERMINOLOGY (11-12)
- 446B VOCATIONAL MEDICAL TERMINOLOGY II -ONLINE (12)
- 450 AP CHEMISTRY (12)
- 455 AP BIOLOGY (11-12)

SOCIAL STUDIES

- 200 ALASKA STUDIES (9-10-11-12)

- 205 UNITED STATES HISTORY (10-11-12)
- 210 WORLD HISTORY (10-11-12)
- 215 AMERICAN GOVERNMENT (12)
- 218 ECONOMICS (10-11-12)
- 225 COMPETITIVE DEBATE/SPEECH ACTIVITIES (10-11-12)
- 240 AP US HISTORY (11-12)
- 250 AP WORLD HISTORY
- 251 AP EUROPEAN HISTORY (10-11-12)
- 253 AP ECONOMICS
- 254 AP AMERICAN GOVERNMENT (12)
- 257 AP PSYCHOLOGY – ONLINE
- 258 PSYCHOLOGY – ONLINE

CAREER-TECHNICAL

- 446 VOCATIONAL MEDICAL TERMINOLOGY I (11-12)
- 775 YEARBOOK PRODUCTION & MARKETING (9-12)
- 808 NURSING ASSISTANT - ONLINE
- 812 TECHNOLOGY & MARKETING (10-11-12)
- 815 ACCOUNTING I (9-10-11-12)
- 820 ACCOUNTING II (10-11-12)
- 829 ENTREPRENEURSHIP (11-12)
- 861 LEADERSHIP DEVELOPMENT (9-10-11-12)
- 862 EDUCATIONAL DEVELOPMENTAL & PSYCHOLOGY (9-10-11-12)
- 863 SUPPORTING LEARNING (10-11-12)
- 864 DEVELOPING PROFESSIONALISM (10-11-12)
- 900 MARITIME I (9-10-11-12)
- 901 MARITIME II (10-11-12)
- 905 DRAFTING I (9-10-11-12)
- 908 ENGINEERING DESIGN - ONLINE
- 912 WOOD WORKING I (9-10-11-12)
- 914 WOOD WORKING II (10-11-12)
- 915 BUILDING CONTRUCTION (9-10-11-12)
- 916 WOOD WORKING III (11-12)
- 918 BASIC WELDING (10-11-12)
- 919 WELDING II (11-12)
- 920 WELDING III (12)
- 925 PRE-CULINARY (9-10-11-12)
- 930 CULINARY ARTS I (10-11-12)
- 935 CULINARY ARTS II (10-11-12)
- 936 DRIVERS ED – ONLINE
- 950 CAREWISE (9-10-11-12)
- 951 SMALL ENGINES (9-10-11-12)
- 952 GENERAL SERVICE TECHNICIAN I (10-11-12)
- 953 GENERAL SERVICE TECHNICIAN II (11-12)
- 960 COMPUTER TECHNOLOGY - ONLINE

WORLD LANGUAGE

- 715 JAPANESE I (9-10-11-12)
- 735 SPANISH I (9-10-11-12)
- 740 SPANISH II (10-11-12)
- 746 ADVANCED SPANISH (11-12)
- 749 HAIDA (9-10-11-12)
- 750 HAIDI II (10-11-12)