

# Nikiski High School



## Course Description Book

2016~2017

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## Courses & Scholastic Categories

### ENGLISH

Language Arts 9, 10, 11, 12	Honors Language Arts 9, 10	AP English Literature & Comp
AP English Language & Comp		

### MATHEMATICS

Algebra Readiness	Algebra	Geometry
Advanced Algebra	Pre-Calculus/Trigonometry	AP Calculus AB
Personal Finance	Business Math	Algebraic Modeling
Statistics		

### LIFE SCIENCE

Life Science	Biology	Anatomy & Physiology
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### PHYSICAL SCIENCE

Physical Science	Physics (Alternating years)	Chemistry (Alternating years)
Earth Science		

### SOCIAL STUDIES

AK History	World History	US History
Government		

### PHYSICAL EDUCATION & HEALTH

Life Activities	Physical Training	Dance
Health		

### WORLD LANGUAGE

Spanish I	Spanish II	
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### PRACTICAL ARTS

CAD-CAM	Construction	Digital Photography 1, 2
Foods 1, 2	Stagecraft	Welding 1, 2, 3, 4
Woodworking 1, 2, 3, 4	Yearbook	

### CREATIVE ARTS

Dance	Drawing & Design	Ceramics
Concert Choir	Concert Band	Guitar
Introduction to Art	Intermediate Art	Advanced Art
Digital Photography 1, 2	Musical Theater	

### OTHER

Personal Care Assistant	Aide	Cooperative Work Experience
	*Certified Nurse's Assistant	Emergency Trauma Technician

### ONLINE

French 1, 2, 3	Italian 1, 2	Spanish 3
Keyboarding	*Computer Apps 1, 2, 3	Employability Skills
Geography A & B	Justice 1, 2	Introduction to Pharmacy
*Accounting 1, 2	Introduction to Criminal Justice	*Early Childhood Development 1, 2

\*College credit (KPC/UAA) may be available

## KENAI PENINSULA BOROUGH SCHOOL DISTRICT HIGH SCHOOL GRADUATION REQUIREMENTS

### Introduction

The purpose of establishing graduation requirements is to set guidelines that will ensure 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 a minimal educational experience to be enriched through the selection of additional courses of the student's choice. All credits must be completed before the student may participate in graduation exercises.

### Credit Requirements

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

<b>English</b>	4 credits	<b>Science</b>	3 credits
<b>Math</b>	3 credits	(minimum of 1 credit of life and 1 credit of physical science)	
<b>World History</b>	1 credit	<b>Physical Education</b>	1 credit
<b>U.S. History</b>	1 credit	<b>Practical and/or Creative Arts</b>	3 credits
<b>Government</b>	1/2 credit	(minimum of ½ credit practical art and ½ credit creative art)	
<b>AK Studies</b>	1/2 credit	<b>Electives</b>	4 ½ credits
<b>Health</b>	1/2 credit		

### Honors Diploma Requirements:

3.5 GPA Minimum & 100 hrs. community service

4 credits of English

4 credits of Science

4 credits of Progressive Math

3 credits of Social Studies

2 credits of same foreign language

.5 performance art

.5 computer

In addition- same PE, Health, Art, and elective requirements as General Diploma to equal 22 total credits

### 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 (1) credit equals the successful completion of a course for one year; ½ credit equals the successful completion of a course for one semester.
- Six courses per semester is the required class load. Do not schedule fewer than six (6) courses.

- Students may be aides for one course period per semester, which will earn ½ elective credit. They may accumulate a maximum of one (1) elective credit for aide positions during their high school tenure.
- Your grades are kept on an official transcript in the Counseling Office. This is your official record of courses passed and credits earned. If you wish to have transcripts mailed to a college or institution, log on to parchment.com and place your request. Transcripts will be sent electronically. You may still request a hard copy from Mrs. Carstens or Ms. Gaunt in the Counseling Office for scholarships or insurance.
- Students wishing to enroll in Correspondence/Distance Delivery/Credit Recovery Courses must first meet with their counselor to discuss registration procedures and complete necessary paperwork.

### **Recommended High School Curriculum for College-Bound Students**

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

#### **Selective College**

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

#### **Traditional College**

- Applicants will need adequate academic background to produce ACT/SAT scores in the national average range. To score in this range, students must have above average English/grammar competence, college prep mathematics, critical reading skills, a strong social studies background, and an adequate science background.

### **Recommended High School Curriculum for Career & Technical Education Students**

Career & technical education (CTE) courses are a component of a sequence of courses leading to an occupational outcome and/or further related training/education in current or emerging occupations. Programs are competency based and include occupationally-specific skills. Many CTE courses are listed in this course description book. The purpose of these programs is to train an individual with job-entry-level skills, and to help the individual become gainfully employed upon completion of high school.

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. CTE courses and programs provide these skills. Students should understand the purpose, the need, and the ways that CTE courses can help. The next question for students to decide is: "What type of job would I like to have when I graduate, and what training is necessary to secure this job?" Remember, many beginning jobs may need additional training after high school. Whenever a particular career/technical school is being considered, a student should be sure to study the school's catalog or website for specific entrance requirements. Students may also consult the AK Career Information System (AKCIS) available at Nikiski High.

### **JumpStart Program**

Kenai Peninsula Borough School District juniors and seniors may enroll in courses at Kenai Peninsula College (KPC) through the Jump Start Program. Students may take up to six 6 credits each semester at a reduced rate (approximately 1/3 of tuition charges). Students are also responsible for fees and textbook costs. Students can begin during the fall semester of their junior year and continue each semester thereafter, including the summer between their junior and senior year, for a total of 30 college credits while still in high school. Students will need to show verification of registration to their high school counselor prior to being enrolled in college release. Withdrawals from Jump Start courses must be made in accordance with KPC procedures. Jump Start forms are available on KPC's website.

### **Cooperative Work Experience**

Juniors and seniors may participate in the Cooperative Work Experience Program. All students must complete pre-registration and parent approval forms before registering for Work Co-op. Come to the Counseling Office for more information.

### **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. Because choices students make during the registration process help determine course offerings for a given year, SCHEDULE CHANGES WILL BE LIMITED. The drop/add period will only be able to accommodate changes due to placement error, holes in schedule, addition of a Work Co-op, College/Home Release, aide position or to drop a course that is too demanding (e.g. 2nd semester AP course). If a student receives a schedule that reflects the choices she/he made at registration, she/he will be expected to keep that schedule.

Students withdrawing from any courses **prior to** the end of the drop/add period will not have the courses recorded on their transcripts. Students may not change courses after the drop/add period unless the principal approves due to extenuating circumstances.

### **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 has withdrawn from the course with current grade; used only in extenuating circumstances.
- NG No grade is issued to indicate a withdrawal from course after the 10 day add/drop period or is used for courses that do not receive high school credit (e.g. College Release, etc.) or at principal's discretion.
- Weighted grades: Additional quality points will be 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, as long as the student has taken the AP test.

### **Incompletes**

In order to accommodate students in extenuating circumstances, teachers may assign a grade of "Incomplete." Incompletes must be made up within two weeks of the grade verification date, or they will become F's. Exceptions may be made for 504 accommodation plans or extenuating circumstances. Any grade changes after the two-week period will require principal signature.

## Progress Reports

Parents can see their student's current grade through the PowerSchool parent portal. Go to the District web site - [kpbsd.k12.ak.us](http://kpbsd.k12.ak.us). Click on the Students/Parents tab, then click on the PowerSchool icon on the left side of the drop down. Log in. If you need an activation code, please stop by or call the front office at 776-9400. Students also have access to their grades that they can log into at home or school.

## Retaking of a class for increased knowledge/better grade

Students may elect to repeat a course for the purpose of improving his/her knowledge of the subject matter and improving his/her grade. The higher of the two grades will count toward the completion of graduation requirements; the lower grade will be counted as elective credit only. Both grades will be calculated in the GPA.

## Early Graduation

The purpose of the four year high school program is to provide students with a combination of academic, vocational and social experiences that will prepare him/her for entry into the working world, further training, and/or continued academic enrollment. In a very few cases, some students, because of their educational or vocational abilities, may qualify for early graduation after completing the credit-requirements. Each applicant must complete minimum State or Board requirements. Students requesting early graduation have the responsibility for gathering the necessary endorsements and evidence. (BP 6146.11)

To be considered for early graduation, requests must be received at District Office no later than the last day of the quarter that precedes the proposed graduation date. Requests for early graduation will not be considered the same quarter as the proposed graduation. (E 6146.11) Students and their parents should meet with a counselor to obtain the necessary paperwork.

## Honor Roll

There are three categories of Honor Roll:

- Honor Roll                      Students must have earned a grade point average of 3.00 – 3.49
- High Honor Roll                Students must have earned a grade point average of 3.5 – 3.99
- Straight A Honor Roll        Students must have earned a grade point average of 4.0

## Grade Point Average

Grade Point Average (GPA) is computed on a 4.0 scale, considering letter grades earned in all classes (with the exception of "P" and "S"). Students earning a "D" in any class or a "C" in three or more classes for any grading period will not be eligible for honor roll.

## Class Rank

Class Rank shall be determined by computing the total number of quality points on a semester basis. This total shall include all quality points earned during the regular school year by the end of the eighth (8<sup>th</sup>) semester. Advanced Placement (AP) quality points of .021 per semester AP class will be included.

### Quality Points for Courses

- A        =    4 points
- B        =    3 points
- C        =    2 point
- D        =    1 point
- F        =    0 points

To determine rank in class, students' total quality points shall be listed in order from the highest to the lowest and numbered accordingly, starting with rank one for the highest. Equal GPA's will share the ranking.

## School Activities

Any activity that can give students the opportunity to demonstrate that they are responsible, dependable, and motivated will be important to them when applying for college admission, scholarships, and their first full-time jobs. The activities offered in 2016-2017 are:

Football	Volleyball	Cross-Country Running
Wrestling	Basketball	Cross-Country Skiing
Soccer	Track & Field	Dance Troupe
Drama, Debate & Forensics (DDF)		

## Eligibility – High School Athletics/DDF

A student can compete when the following conditions are met:

- Must be enrolled in a minimum of five classes.
- Must have passed five classes the previous semester.
- Must not reach the age of 19 on or before August 1 of his/her senior year.
- Must not have participated in more than four seasons for a particular activity.
- Seniors who are on track to graduate must take at least four semester classes.
- All students must maintain an overall 2.0 GPA to remain eligible.
- For *mid-quarter checks only*, students may regain their eligibility after seven calendar days if they meet the 2.0 GPA minimum and are passing all their classes within the next five school days. Otherwise, they will remain ineligible until the next eligibility check.

Individual school districts may establish athletics/activities participation eligibility rules above and beyond Alaska Schools Activities Association (ASAA) requirements. In order to participate in athletics/activities, the Kenai Peninsula Schools Activities Association (KPSAA) has established a no pass/no play rule, which means a student may not be failing any class. Eligibility is processed each quarter and mid-quarter, (approximately every 4 ½ weeks). The preceding information is condensed from the KPSAA Handbook. For further explanation, please consult the handbook or the high school athletic director.

## NCAA Clearinghouse Statement

The National Collegiate Athletic Association (NCAA), an organization founded in 1906 that has established rules on eligibility, recruiting, and financial aid, regulates many college sports. The NCAA has three membership divisions – Division I, Division II, and Division III. Institutions are members of one or another division according to the size and scope of their athletic program and whether they provide athletic scholarships. NCAA Clearinghouse applications are available online at [ncaa.org](http://ncaa.org). Students interested in participating in college athletics should begin researching NCAA requirements early on in their career to ensure that they are enrolled in the appropriate classes.

## P.E. Waivers

Students will be allowed to waive the .5 elective credit of physical education graduation requirement through participation in athletic activities sponsored by the Kenai Peninsula Borough School District.

**This waiver does not apply to the Basic P.E. requirement.** Students will not receive credit for P.E. waivers but rather, will have their elective physical education requirement decreased by .5 credit, enabling them to take additional courses in other areas. In order to receive a P.E. waiver, it must be substantiated that:

- The athletic activity is supervised by a certified teacher or an individual who has been approved by the Alaska School Activities Association and employed by the school district;
- The athletic activity involves at least 4,050 minutes (67.5 hours) of participation in a time period not to exceed a school year;
- The student completed the season in good standing.

Students will be required to submit P.E. waiver forms during the academic year in which participation takes place. We encourage students to initiate this process with their coaches/sponsors prior to

participating in athletic activities. P.E. waiver forms are available in the Counseling Office. Please call your student's counselor if you have questions.

### **Career Education**

The Counseling Department provides students with career education activities designed to develop necessary skills that will enhance their personal and educational development. These career education activities can help students as they plan their high school program by encouraging students to look at their interests and abilities as they relate to possible future career pathways. In addition, the following grade level career activities may be provided to students.

- 10<sup>th</sup> Career development, Kenai Peninsula College (KPC) Career Day, AKCIS\*
- 11<sup>th</sup> Career development, Kenai Peninsula College (KPC) Career Day, Kenai Peninsula College Fair, AKCIS\*
- 12<sup>th</sup> Senior interview, post-secondary planning, scholarship folder preparation, financial aid workshop, Kenai Peninsula College Fair, AKCIS\*

\*The Alaska Career Information System (AKCIS) is available to students throughout their four years of high school. Students may access information on educational/career opportunities, scholarship and college searches, military information, and much more. Students can easily access AKCIS through their PowerSchool. Students and parents should contact the school counseling office if they are having any difficulties logging on.

### **Scholarship Opportunities**

All seniors planning to attend college or a vocational school after graduation should complete the Nikiski High School scholarship folder, locally known as the Bulldog Packet. The Bulldog Packet allows students to be considered for local scholarships and serves as a professional portfolio as students apply to other scholarships and pursue post-secondary opportunities. In addition to the Bulldog Packet, students and parents should also check the KPBSD 1Stop scholarship database and their student g-mail on a regular basis for opportunities sponsored by local, state and national organizations. AKCIS and other scholarship search engines can be useful resources too. Underclassmen should begin preparing for their senior year by volunteering in the community, participating in leadership events (check g-mail for periodic emails of opportunities), taking advantage of the Workforce Development Center's offerings and participating in extra-curricular school activities. Remember to keep track of any awards and certificates you earn and to keep a log of any community service you perform. All of these things will help you to create an impressive Bulldog Packet your senior year. Additionally, the Alaska Performance Scholarship (APS) is a great opportunity for Alaska's students. Students can monitor their APS progress in PowerSchool.

### **Alaska Performance Scholarship (APS)**

The Alaska Performance Scholarship is available to Alaska graduates, to use at an Alaskan post-secondary school, who have completed the course requirements, and earned the required GPA and test scores. There are three levels and both a Collegiate Award and a Career/Technical Award. For more information on the requirements and where the scholarship can be used visit the APS website: [http://acpe.alaska.gov/FINANCIAL\\_AID/Grants\\_Scholarships/Alaska\\_Performance\\_Scholarship](http://acpe.alaska.gov/FINANCIAL_AID/Grants_Scholarships/Alaska_Performance_Scholarship)

## Nikiski High School Course Descriptions

***Please Note: Two semesters are equivalent to one year***

### English

4 Language Arts Credits are required for graduation

9 <sup>th</sup> Grade	9 Language Arts	9 Honors Language Arts
10 <sup>th</sup> Grade	10 Language Arts	10 Honors Language Arts
11 <sup>th</sup> Grade	11 Language Arts	AP English Literature & Comp
12 <sup>th</sup> Grade	12 Language Arts	AP English Language & Comp

Title: **9 LANGUAGE ARTS** LL705 Length: Two Semesters  
 Students will continue to develop their reading, writing, and critical thinking skills. Emphasis will be placed on analysis and interpretation of a variety of world literature, which will lead to a wide range of writing assignments based upon class reading and discussions. Several novels will also be read and studied in detail. Special projects will supplement the in-depth study of the novels selected for study.

Title: **9 HONORS LANGUAGE ARTS** LL706 Length: Two Semesters  
 Prerequisite: Based on writing assessments, standardized test scores, and grades.  
 9 Honors Language Arts is an academically challenging course for highly motivated students who have a solid grasp of grammar and mechanics and who exhibit excellence in written and oral expression, and reading comprehension. In order for students to meet the challenges of the honors program, an emphasis is placed upon higher order thinking skills. Students will read a variety of world literature, in addition to reading selected supplementary novels from which discussions, essays, and projects are derived. Extensive reading outside of class is required. By experiencing a rich variety of reading and writing activities, 9 Honors Language Arts prepares students for 10 Honors Language Arts and Advanced Placement English.

Title: **10 LANGUAGE ARTS** LL710 Length: Two Semesters  
 Prerequisite: Language Arts 9  
 Poetry, drama, mythology, short stories, novels, and nonfiction forms will be studied from a wide range of world authors. Composition will include a review of 7-9 grade grammar and composition skills, spelling and grammar at the 10th grade level, and the development of paragraphs and the multi-paragraph form, including correct MLA formatting and citation.

Title: **10 HONORS LANGUAGE ARTS** LL711 Length: Two Semesters  
 Prerequisite: Based on writing assessments, standardized test scores, and grades. Previous honors enrollment is recommended but not required. Students without prior high school Honors English experience are encouraged to consult with previous English teachers and the sophomore honors teacher regarding expectations.

Honors English 10 is for students who have demonstrated continued proficiency and an appreciation for literature and writing. New modes of research, technology, and communications prepare students for the academic demands of research and analytical reading and writing. Special projects tailored to individual interests and needs coupled with a rigorous reading and writing program enable students to investigate language to enrich comprehension and to develop self-expression.

**Title: 11 LANGUAGE ARTS**

LL715

Length: Two Semesters

Prerequisite: Language Arts 10

Language Arts 11 will provide an analysis of a wide range of American Literature beginning with the native oral tradition and continuing through the present. Composition will provide a review of 7-10 grade composition and grammar skills. This course will include spelling, grammar, and usage at the 11th grade level, as well as proper MLA formatting and citation.

**Title: LANGUAGE ARTS 12**

LL790

Length: Two Semesters

Prerequisite: Language Arts 11

This full-year course focuses on British literature. It will work chronologically through literary movements, beginning with Anglo-Saxon poetry and ending with post-modernism. There will be an emphasis upon writing analysis based essays, public speaking, grammar and vocabulary at the 12<sup>th</sup> grade level, as well as proper MLA formatting and citation.

**Title: AP English Literature & Comp**

LL760

Length: Two Semesters

Prerequisite: Students must have completed 10<sup>th</sup> Honors LA in order to enroll in this class. Students who did not take 10<sup>th</sup> Honors may be permitted to take the class only with instructor approval. Students are encouraged to consult with previous English teachers and the AP English teacher regarding expectations.

AP English is a junior/senior-level course designed to engage college-bound seniors in the careful reading and critical analysis of classic and contemporary British, American, and European literature. Through the active reading of a rigorous selection of texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Writing assignments focus on the critical analysis of literature, including expository, analytical, and argumentative essays. Toward that end, writing instruction focuses on developing coherence, unity, precision, structure, and stylistic maturity. Additionally, students prepare and practice for the Advanced Placement English Exam. It is expected that by the end of this course, students will be able to employ a variety of test-taking skills and techniques that will enable them to satisfactorily complete both the multiple-choice and essay portions of the exam. AP is a college-level course. Depending on individual institutional policies, students who successfully complete the Advanced Placement Exam may earn college credit.

*\*\* Having met or exceeded the expectations for Advanced Placement coursework by colleges and universities, this course is authorized by The College Board to use the AP® designation.*

**Title: AP English Language & Comp**

LL795

Length: Two Semesters

Prerequisite: Students must have completed 10<sup>th</sup> Honors LA in order to enroll in this class. Students who did not take 10<sup>th</sup> Honors may be permitted to take the class only with instructor approval. Students are encouraged to consult with previous English teachers and the AP English teacher regarding expectations.

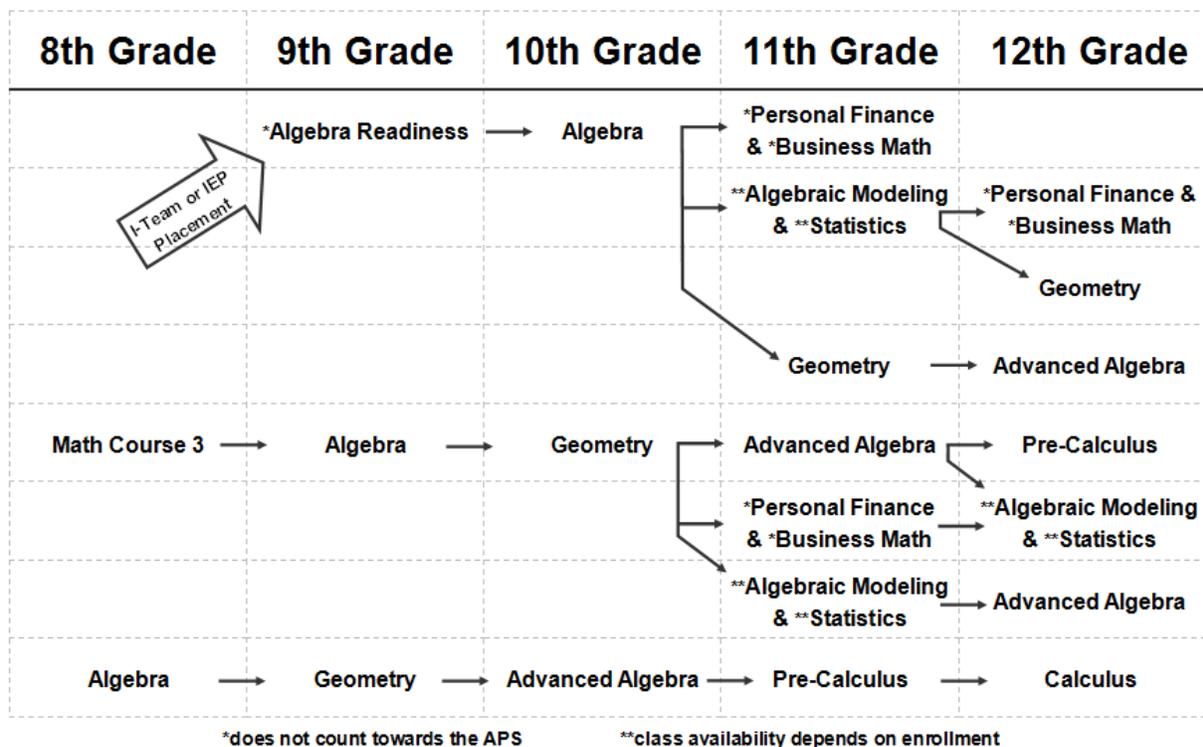
Advanced Placement English and Composition is a senior level course designed to engage college-bound students in the careful reading and critical analysis of classic and contemporary literature from the world over. Students will prepare for the Advance Placement English exam. Depending on institutional policies, students who successfully complete the Advanced Placement Exam may earn college credit.

*\*\* Having met or exceeded the expectations for Advanced Placement coursework by colleges and universities, this course is authorized by The College Board to use the AP® designation.*

## Mathematics

# Math Flow Chart by Grade

3 Math Credits are required for graduation



Title: **ALGEBRA READINESS**

MM706

Length: Two Semesters

Prerequisite: Teacher Recommendation

This course focuses on mastery of computational skills and teaches the fundamentals necessary for algebra.

Title: **ALGEBRA**

MM725

Length: Two Semesters

Prerequisite: Teacher Recommendation

This course uses real-life situations to teach algebraic issues including the addition, multiplication, and factoring of algebraic expressions; solving and graphing linear and quadratic equations; systems of equations; introduction to matrices, probability, and radical and logarithmic functions. A scientific calculator is required.

Title: **GEOMETRY**

MM730

Length: Two Semesters

Prerequisite: Algebra

This course integrates coordinate and transformational approaches with real-world applications while developing deductive proof. Two-dimensional geometry focuses on similarity and congruence, perimeter and area, circles, and scatter and linear graphs. Uses algebraic skills such as linear and quadratic equation solving, factoring, and graphing. Explores solid geometry topics including nets, surface area, and volume. A scientific calculator is required.

Title: **ADVANCED ALGEBRA** MM735 Length: Two Semesters

Prerequisite: Geometry

This course uses real-world applications to teach algebraic expressions, solving, linear and quadratic equation functions, powers, roots, logarithms, and polynomial and trigonometric functions. Rational expressions, scatterplots, and linear programming are also covered. A graphing calculator is required, preferably a TI-83.

Title: **PRE-CALCULUS - TRIGONOMETRY** MM740 Length: Two Semesters

Prerequisite: Advanced Algebra

Explores function families: polynomial, trigonometric, circular, and logarithmic. This course also covers conic sections, polar coordinates, complex numbers, and series. A graphing calculator is required.

Title: **AP CALCULUS AB** MM755 Length: Two Semesters

Prerequisite: Pre-Calculus - Trigonometry

Calculus is a study of four main topics: limits, derivatives, definite integral, and indefinite integral. Students will *know* the definitions, *understand* the concepts, be able to *do* the operations, and then *apply* them to real world problems. AP is a college-level course. Depending on individual institutional policies, students who successfully complete the AP exam may earn college credit. When students take this course, it is assumed that they will take the AP test at the end of the year. A graphing calculator is required, preferably one with a symbolic manipulator such as the TI-89 or equivalent.

*\*\* Having met or exceeded the expectations for Advanced Placement coursework by colleges and universities, this course is authorized by The College Board to use the AP® designation.*

Title: **PERSONAL FINANCE** MM726 Length: One Semester

Prerequisite: Junior/Senior Standing

1<sup>st</sup> Semester

This course places an emphasis on personal finance, which includes math-related topics such as: budgeting income, income tax, loans, investments, credit cards, saving, cash purchasing and others.

Title: **BUSINESS MATH** MM727 Length: One Semester

Prerequisite: Junior/Senior Standing

2<sup>nd</sup> Semester

This course places an emphasis on application of mathematical concept in the business world. Topics include: small business, taxes, payroll, investing, capital, loss, assets, liabilities, basic accounting, licensing, government agencies and others.

Title: **ALGEBRAIC MODELING** MM731 Length: One Semester

Prerequisite: Algebra I/ Junior or Senior Status

1<sup>st</sup> Semester

Students will explore algebraic models and the application of mathematical functions. Students in this class will be exposed to how mathematics describes the world around them.

Title: **STATISTICS** MM732 Length: One Semester

Prerequisite: Algebra I/Junior or Senior Status

2<sup>nd</sup> semester

Students will learn basic statistics and data analysis and apply their knowledge to real-world type problems

## Life Science

Title: **LIFE SCIENCE** SS705 Length: Two Semesters

Prerequisite: Teacher Recommendation

This course is a general overview of biology. It will involve investigation into cytology (the study of cells), life processes, genetics, and the characteristics of organisms. The Alaska State Standards will be used to focus the students' learning. In addition, essential skills such as measuring, recording, interpreting and analyzing data will be emphasized. Use of scientific tools to gather the data will also be a point of focus.

Learning skills will be explicitly taught including Habits of Mind, Higher Order Thinking, Quality Learning Processes and content area reading and writing methods.

Title: **BIOLOGY 1** SS710 Length: Two Semesters

Prerequisite: None

Recommended for freshmen. This course is a general overview of biology. It will involve investigation into cytology (the study of cells), life processes, genetics, and the characteristics of organisms. The Alaska State Standards will be used to focus the students' learning. In addition, essential skills such as measuring, recording, interpreting and analyzing data will be emphasized. Use of scientific tools to gather the data will also be a point of focus. Learning skills will be explicitly taught including Habits of Mind, Higher Order Thinking, Quality Learning Processes and content area reading and writing methods.

Title: **ANATOMY & PHYSIOLOGY** SS725 Length: Two Semesters

Prerequisite: Completion of Biology 1 with a grade of B or better or teacher recommendation

This course is designed to provide students the opportunities to investigate all systems of the human body. In-depth study will take place through lab activities including fetal pig dissections and various tests (reflex, eye exams, and heart and respiration rates) on the students' bodies. Learning experiences will include lecture, group projects, and independent research including term papers & brain, eye & heart dissections.

## Physical Science

Title: **PHYSICAL SCIENCE** SS755 Length: Two Semesters

Prerequisite: None

This course is divided into major areas: chemistry, electricity, energy, force and motion, and technology. Students will explore the scientific principles and application of technology through investigations. This course is a prerequisite for Earth Science and is preparation for Chemistry and Physics courses.

Title: **PHYSICS** SS780 Length: Two Semesters

Prerequisite: Advanced Algebra (previously or concurrently)

An introduction to physics, involving motion, energy, gravity, waves and relativity. This course is designed as advanced science for those students who are interested in the sciences or would like a head start for further college science courses. Physics will involve mathematical applications, with the primary focus being conceptual understanding.

Title: **CHEMISTRY** SS775 Length: Two Semesters

Prerequisite: Advanced Algebra (previously or concurrently)

Chemistry is presented as a hands-on, laboratory-based course. The topics covered are designed to prepare students for basic college chemistry. Coursework is integrated with other academic disciplines.

Title: **EARTH SCIENCE** SS750 Length: Two Semesters

Prerequisite: Physical Science

This course covers the study of geologic time and is designed to provide students opportunities to investigate the structure and composition of the earth and how it changes over time. In-depth study through lab activities, group projects, and independent research will concentrate in topics of special interest to Alaskans: volcanoes, earthquakes, and oil-related topics (minerals and rocks). Astronomy basics will also be covered.

## Social Studies

3 Social Studies credits are required for graduation

9 <sup>th</sup> Grade	AK Studies (1 semester)
10 <sup>th</sup> Grade	World History
11 <sup>th</sup> Grade	US History
12 <sup>th</sup> Grade	Government (1 semester)

Title: **AK HISTORY** TT730 Length: One Semester

Prerequisite: None

The Alaska History 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.

Title: **WORLD HISTORY** TT705 Length: Two Semesters

Prerequisite: Sophomore standing

This tenth-grade program focuses on the history of the major cultures and societies of the world. Historical perspective is provided on major world events, movements, and conditions. Emphasis is on the acquisition and application of social studies skills within the context of world history. Students will apply concepts and knowledge from social studies disciplines such as geography, government, and economics, in addition to other disciplines such as world literature and science. Current events will help students see the link between past and present.

Title: **U.S. HISTORY** TT710 Length: Two Semesters

Prerequisite: Junior standing

The eleventh-grade program is a comprehensive, integrated course in United States history from the Civil-War Era to the present. This course is organized chronologically but may be taught thematically, and is intended to serve as a capstone for U.S. History studies in the elementary and secondary schools. In-depth, student-centered exploration of issues relevant to historical inquiry and methodology will be emphasized.

Title: **GOVERNMENT** TT720 Length: One Semester

Prerequisite: Senior standing

The twelfth-grade social studies program focuses on the American political system and preparation of students for effective and productive citizenship. Government provides an in-depth, content-specific study of the Constitution, comparative political and economic systems, federal, state and local governments, International relations, and rights and responsibilities of the individual.

## Physical Education

Title: **LIFE ACTIVITIES** PP705 Length: One Semester

Prerequisite: None

The focus of the high school physical education program is to promote healthy living and knowledge of lifetime activities. Students will take the responsibility for and apply their learning to their personal lifetime health and wellness.

Title: **PHYSICAL TRAINING** PP715 Length: One Semester

Prerequisite: None

The goals of Speed Strength Training (Physical Training) will be to improve flexibility, speed, agility, jump ability, lifting technique, strength, power, stability and core strength. These areas must be refined through training to improve performance, reduce injury potential and optimize athletic ability. This course will introduce key concepts related to lifetime personal fitness. Lifts and strength exercises will be taught to strengthen, condition major muscle groups, and to ensure a well-rounded program for each individual student.

Title: **Movement & Activities** PP720 Length: One Semester  
Prerequisite: None

This course is designed to offer a variety of physical activities for students who desire to increase strength, agility and endurance. This course encourages lifetime personal fitness through dance, movement and/or aerobic activities.

## Health

Title: **Health** JJ705 Length: One Semester  
Prerequisite: None

The focus of this course is to provide accurate knowledge and information to students so they will be able to make informed and responsible decisions. Ten topic areas are covered: mental and emotional health; family living; growth and development; nutrition; personal health; alcohol, tobacco, and other drugs; communicable and chronic diseases; injury prevention and safety; consumer and community health; and environmental health.

## World Language

Title: **SPANISH 1** WL765 Length: Two Semesters  
Prerequisite: None

Spanish 1 introduces very basic reading, writing, speaking, and listening skills with an emphasis on developing the ability to participate in a basic conversation. In addition to language skills, students will participate in cultural lessons including music, crafts, and exploring Hispanic heritage.

Title: **SPANISH 2** WL770 Length: Two Semesters  
Prerequisite: Spanish 1 w/grade of C or better

A continuation of Spanish 1, this class enables students to continue to build on their language skills learning more vocabulary and verb usage, as well as participate in cultural lessons including Hispanic food preparation.

## Practical Arts

Title: **CAD\_CAM** I1950 Length: One Semester  
Prerequisite: None

This course introduces the theory and application of computer programs that provide the automatic generation of CNC machine tool codes from the entry of part geometry. Operator designs and runs tool path for CNC machines in 2-1/2 D. This technology eliminates the need for the CNC programmer master the traditional M and G codes and dramatically shortens CNC programming time.

Title: **CONSTRUCTION** I1725 Length: One Semester  
Prerequisite: None

This course is a beginning level construction class designed to teach students the basic information and techniques that apply to the building trades industry. Safe equipment use and processes will be covered.

Title: **DIGITAL PHOTOGRAPHY 1** AA795 / BB865 Length: One Semester

Prerequisite: None

This is an introductory digital photo course. Use of digital cameras, settings and functions, media types, file types, and file organization will be covered. Graphic editing software will be used to manipulate photos. Photocomposition, presentation, and lighting will be covered. This course may be taken for practical or creative art credit. \*\* Due to the limited number of cameras the school has available for student use, students should bring their own digital cameras to class daily.

Title: **DIGITAL PHOTOGRAPHY 2** AA800 / BB870 Length: One Semester

Prerequisite: Successful completion of Digital Photography 1

This course requires increasingly complex photography and digital editing assignments. Presentation and printing techniques will be refined. This course may be taken for practical or creative art credit. \*\* Due to the limited number of cameras the school has available for student use, students should bring their own digital cameras to class daily.

Title: **FOODS 1** HH725 Length: One Semester

Prerequisite: None

This course is designed for students who are interested in learning how to cook. The course includes simple food preparation techniques and recipes.

Title: **FOODS 2** HH730 Length: One Semester

Prerequisite: Successful completion of Foods 1

This course is designed to expand the basic cooking skills learned in Foods 1. Emphasis will be on creativity, modifying recipes, and preparing international and regional United States foods.

Title: **STAGECRAFT** BB910 Length: One Semester

Prerequisite: None

This course offers a comprehensive, systematic approach to technical theatre with an emphasis on practical, hands-on experience.



Title: **WELDING 1**

II775

Length: One Semester

Prerequisite: None

Welding 1 will give the student a beginning level of exposure to oxy-acetylene welding and cutting operations, grinding operations and arc welding. Safe equipment use and processes will be covered.

Title: **WELDING 2**

II780

Length: One Semester

Prerequisite: Welding 1

Welding 2 is designed to give students an in depth study in advanced arc welding processes. Metallurgy properties and gas

shielded welding techniques will be taught. Safe equipment use and processes will be covered.

Title: **WELDING 3** II960 Length: One Semester

Prerequisite: Welding 2

Welding 3 will give the student a beginning level of exposure to aluminum welding operations and introduction to project fabrication.

**Title: WELDING 4**

II965

Length: One Semester

Prerequisite: Welding 3

Welding 4 will give the student an advanced level of exposure to steel and aluminum welding operations through project fabrication. Students will learn to mentor and supervise the demonstration of inexperienced/beginning welding students. Safe equipment use and processes will be covered.

**Title: WOODWORKING 1**

II705

Length: One Semester

Prerequisite: None

Woodworking 1 is an introductory course that gives students the opportunity to explore the equipment and processes involved in the completion of a quality wood project.

**Title: WOODWORKING 2**

II710

Length: One Semester

Prerequisite: Woodworking 1

Designed to give students the opportunity for building on the skills learned in Woodworking 1.

**Title: WOODWORKING 3**

II715

Length: One Semester

Prerequisite: Woodworking 2

This course offers students knowledge and practical experience in the specialized area of wood turning.

Students are given an in-depth experience in design production and uses of lathes.

**Title: WOODWORKING 4**

II720

Length: One Semester

Prerequisite: Woodworking 3

This course is an advanced class that builds on the skills learned in Woodworking 3 plus introduces new techniques and skills.

**Title: YEARBOOK**

AA760 / BB915

Length: One Semester

Prerequisite: None

This course will teach students to understand, develop, and use the techniques found in the occupational field of commercial publishing. It may be taken for practical art or creative art credit. Course may be repeated for credit.

## Creative Arts

Title: **DANCE** PP725 Length: One Semester  
 Prerequisite: None  
 This course focuses on dance techniques such as placement, alignment, evaluation, and execution of various styles.

Title: **DRAWING AND DESIGN** AA815 Length: One Semester  
 Prerequisite: None  
 In this course students refine their drawing and design skills. A variety of subject matter, materials, and technologies are used on a two- dimensional surface. Students will develop formal drawing, painting, and printmaking skills.



Title: **CERAMICS** AA720 Length: One Semester  
 Prerequisite: Intro to Art  
 This course will cover three-dimensional design using clay as the medium. Clay preparation, construction, surface design, and firing will be explored.

Title: **CONCERT CHOIR** UU710 Length: One Semester  
 Prerequisite: None  
 This course provides highly qualified students the opportunity to perform music through a variety of styles and periods requiring more advanced vocal techniques. All students must prove to be extremely dedicated to the music program and must exhibit the finest vocal technique and musicianship. Performing for both the school and community is required.

Title: **CONCERT BAND** UU730 Length: One Semester  
 Prerequisite: None  
 Concert Band is an instrumental performing group which is open to students of the skill level determined by the instructor.

Title: **GUITAR** UU740 Length: One Semester  
 Prerequisite: None  
 This course is open to all students interested in playing the guitar. Individuals as well as groups will work on learning all strings of the guitar, music fundamentals, reading notes, and chords.

**Title: INTRODUCTION TO ART**

AA705

Length: One Semester

Prerequisite: Drawing &amp; Design or Sculpture

This course will include the basic elements and principles of art while developing fundamental skills. It will be an overview of two and three-dimensional art, art history, and criticism.

**Title: INTERMEDIATE ART**

AA710

Length: One Semester

Prerequisite: Introduction to Art

Intermediate Art is a progression of art techniques and theory designed for high school students. Students continue to explore a variety of techniques and materials that may include drawing, painting, printmaking, sculpture, weaving, and hand built ceramics. During project creation, students will purposefully apply multiple art elements, moving from knowledge to successful art production. Students will learn to make critical judgments about their own art and the art of others. Students will apply a basic understanding of the Elements and Principles of Design to create successful pieces of art.

**Title: ADVANCED ART**

AA715

Length: One Semester

Prerequisite: Introduction and Intermediate Art with teacher placement

Advanced Art is a course for students who have successfully passed Intro and Intermediate Art. Students will experiment with a variety of techniques and materials that may include drawing, painting, printmaking, sculpting, weaving, and pottery.

**Title: DIGITAL PHOTOGRAPHY 1**

AA795 / BB865

Length: One Semester

Prerequisite: None

This is an introductory digital photo course. Use of digital cameras, settings and functions, media types, file types, and file organization will be covered. Graphic editing software will be used to manipulate photos. Photocomposition, presentation, and lighting will be covered. This course may be taken for practical or creative art credit. \*\* Due to the limited number of cameras the school has available for student use, students should bring their own digital cameras to class daily.

**Title: DIGITAL PHOTOGRAPHY 2**

AA800 / BB870

Length: One Semester

Prerequisite: Successful completion of Digital Photography 1

This course requires increasingly complex photography and digital editing assignments. Presentation and printing techniques will be refined. This course may be taken for practical or creative art credit. \*\* Due to the limited number of cameras the school has available for student use, students should bring their own digital cameras to class daily.

Title: **MUSICAL THEATER** VV735 Length: One Semester

Prerequisite: None

Combining skills in four disciplines, acting, singing, dancing, and stagecraft, students have an opportunity to showcase their talents and discover new ones. This course will familiarize students with the tools needed to build key musical theater arts skills. Students will receive instruction in the history of theater and musical theater, classic acting training exercises, production techniques, basic dance, basic voice and theater conventions. Students will also demonstrate their abilities in these skills through a community performance of four shows over two weekends.

### Other

Title: **AIDE** XX705 Length: One Semester

Prerequisite: Junior or senior status

Students may earn no more than 1.0 credit of classroom aide experience toward high school graduation.

Title: **COOPERATIVE WORK EXPERIENCE** WW705 Length: One Semester

Prerequisite: Employability Skills – Junior or senior standing

Is a junior/senior level class that allows students to be employed through a paid work setting that offers work experience in the student's career pathway/cluster. Before the Co-op experience can begin the student must have taken one 1/2 credit course in a Career and Technical Education class related to the skills required at the job site. The job must be related to the student's career pathway and the student must have taken or is currently enrolled in the on-line Employability Skills class. Prior to enrolling, an interview and approval of a training plan by the work coordinator is required. The School District coordinator, employer, and student will help develop technical competencies, career goals, and a training plan.

Title: **PERSONAL CARE ASSISTANT** XX795 Length: One Semester

Prerequisite: Employability Skills

This course teaches the basic nursing and health care needs of a patient. It covers safety, communication skills, growth and development, patient surgery preparation, vision and hearing problems, rehabilitation, care of elderly, common health problems, home health care, and basic emergency care, with an emphasis on Home Health Care. Students mastering the competencies of this course should be well prepared to take and pass the examination of Personal Care Attendant.

\*WDC course after school. Location to be announced.

Title: **CERTIFIED NURSES ASSISTANT** HH770 Credits: .5 High School - 6 College

Prerequisite: Employability Skills Fee: KPC fees apply

This course teaches the basic nursing and health care needs of a patient. It covers safety, communication skills, growth and development, patient surgery preparation, vision and hearing problems, rehabilitation, care of elderly, common health problems, home health care, and basic emergency care. Students mastering the competencies of this course should be well prepared to take and pass the examination of Nursing Assistant Certification. This course will meet one night per week at Kenai Peninsula College and also includes a requirement of performing six 8-hour days of clinical work.

Title: **EMERGENCY TRAUMA TECHNOLOGY** HH780 Length: One Semester

Prerequisite: None

This course provides the necessary training to become registered in the State of Alaska as an ETT (Emergency Trauma Technician). This course will help develop the skills needed for victim assessment, recognition, and treatment of medical emergencies. Basic life support procedures will also be taught.

\*WDC after-school course. Location to be announced.

## Online

Title: **FRENCH 1** WL705 Length: Two Semesters

Prerequisite: None

French 1 is offered as a yearlong elective. The course emphasizes conversational speaking; introduces reading, writing, and grammar; and promotes geographical/cultural understanding of the French-speaking world.

Title: **FRENCH 2** WL710 Length: Two Semesters

Prerequisite: French 1

French 2 is offered as a yearlong elective. The course enhances conversational speaking skills acquired in French 1; develops reading, writing, and grammar skills; and increases geographical/cultural familiarity with the French-speaking world.

Title: **FRENCH 3** WL715 Length: Two Semesters

Prerequisite: French 2

French 3 is offered as a yearlong elective. Continuation of skills learned in French 2.

Title: **ITALIAN 1** WL795 Length: Two Semesters

Prerequisite: None

Year I study includes novice level low and novice level high content.

Title: **ITALIAN 2** WL800 Length: Two Semesters

Prerequisite: Italian 1

Year II study includes intermediate level low and intermediate level high content.

Title: **SPANISH 3** WL775 Length: Two Semesters

Prerequisite: None

Spanish 3 is an advanced intermediate level course. In this class students will expand on their ability to read, write, speak, and listen in Spanish. During this course students will learn additional verb tenses including the future and conditional tenses and continue to develop their vocabulary. Students will also continue to broaden their world view and cultural understanding by participating in a number of cultural activities from Central America, South America, and Spain. This course is focused on content and language usage.

Title: **KEYBOARDING** BB705 Length: One Semester

Prerequisite: None

Keyboarding is an introductory course that gives students the opportunity to gain an overview of the operation of the computer and word-processing software. In addition, proper keyboarding proficiency skills will be a primary focus for the course.

Title: **COMPUTER APPLICATIONS 1** BB765 Length: One Semester

Prerequisite: None

Computer Applications is designed to be a self-paced course that you can work at your own speed. You will focus on Google Docs, Windows 7, Computer Basics and Microsoft Word. You may work on this from any computer with Internet access; you do not have to have the Microsoft products installed on your computer at home to work on this. You have one semester each to complete Comp 1. It is possible to finish Comp 1 and 2 or 2 and 3 in one semester if you work hard. Once you complete Comp 1 and 2 with an A or B you are eligible to receive 3 UAA Credits, when completed with Comp 3 with an A or B you are eligible to receive an additional 3 UAA Credits.

Title: **COMPUTER APPLICATIONS 2** BB770 Length: One Semester

Prerequisite: Computer Applications 1

Computer Applications 2 is designed to be a self-paced course that you can work at your own speed. You will focus on Microsoft Excel and PowerPoint. You may work on this from any computer with

Internet access; you do not to have the Microsoft products installed on your computer at home to work on this. You have one semester each to complete Comp 1. It is possible to finish Comp 1 and 2 or 2 and 3 in one semester if you work hard. Once you complete Comp 1 and 2 with an A or B you are eligible to receive 3 UAA Credits, when completed with Comp 3 with and A or B you are eligible to receive and additional 3 UAA Credits.

Title: **COMPUTER APPLICATIONS 3** BB775 Length: One Semester  
Prerequisite: Computer Applications 2

Computer Applications 3 is designed to be a self-paced course that you can work at your own speed. You will focus on Microsoft Access and Outlook. You may work on this from any computer with Internet access; you do not to have the Microsoft products installed on your computer at home to work on this. You have one semester each to complete Comp 1. It is possible to finish Comp 1 and 2 or 2 and 3 in one semester if you work hard. Once you complete Comp 1 and 2 with an A or B you are eligible to receive 3 UAA Credits, when completed with Comp 3 with and A or B you are eligible to receive an additional 3 UAA Credits.

Title: **EMPLOYABILITY SKILLS** I1930 Length: One Semester  
Prerequisite: None

Employability Skills is designed to be a self-paced course that you can work at your own speed. Each of the 210 interactive lessons from the 5 units is formatted in an easy-to-understand three-part structure: Overview, Learning and Practice. The Overview presents the main idea of the topic lesson and lists 10 tips for using the skill at work. Each tip is explained in more detail in the Learning section of the lesson. Finally, the Practice section provides an opportunity to answer True/False questions on the topic and respond to an activity question. This course has 2 parts 210 online lessons and 5 video writing assignments.

Title: **GEOGRAPHY A & B** TT745A/TT745B Length: Two Semesters  
Prerequisite: None

These courses examine a broad range of geographical perspectives covering all of the major regions of the world. Each region is reviewed in a similar structure in order for students to more clearly see the similarities and differences between each region. Specifically, the courses explore where each region is located along with its physical characteristics, including absolute and relative location, climate, and significant geographical features. The exploration then continues on to look at each region from a cultural, economic, and political perspective, closely examining the human impact on each region from these perspectives as well as how human activities impact the environments of the region. Students engage in multi-media projects, writing assignments, online discussions, quizzes, and tests. Geography A contains an introduction to geography unit and units on North America, Central America, South America, and Western Europe. Geography B contains units on Eastern Europe, Eastern Asia, Southeast Asia and the Pacific, Africa, and India and the Middle East.

Title: **JUSTICE 1** HH825 Length: One Semester  
Prerequisite: None

This course will survey American Policing from its roots to a modern day perspectives. Emphasis will be on the practical aspects of policing as well as what the police are doing to address the many crime problems and issues that plague the United States.

Title: **JUSTICE 2** HH830 Length: One Semester  
Prerequisite: Justice 1

Survey of philosophies, functions and methods of social control with emphasis on role of law and those involved in its administration – Police, courts, and correctional organizations. Includes study of history,

organization, processes, and problems related to law and justice agencies in a heterogeneous, democratic society.

Title: **INTRODUCTION TO PHARMACY** HH820 Length: One Semester

Prerequisite: None

Introduces pharmacy practice and the technician's role in various pharmacy settings. Emphasizes the history of pharmacy, pharmacy law and ethics, pharmacy terminology, symbols and dosage forms and 100 often prescribed drugs. Students with an interest in becoming a certified nursing assistant, medical assistant, medical, pharmacy, or dental technician, nurse, dentist, physician or pharmacist will find this course beneficial.

Title: **ACCOUNTING 1** HH780 Length: One Semester

Prerequisite: None

This course of study is designed to provide students with the fundamental skills needed to understand the basic accounting cycle for a sole proprietorship or partnership for a service and merchandising business.

Title: **ACCOUNTING 2** HH780 Length: One Semester

Prerequisite: None

This course of study is designed to provide students with the fundamental skills needed to understand the basic accounting cycle for a merchandising business.

Title: **INTRODUCTION TO CRIMINAL JUSTICE** HH790 Length: One Semester

Prerequisite: Justice 1 & 2

Fingerprints. Blood spatter. Gunshot residue. If these things intrigue rather than scare you, Forensic Science I: Secrets of the Dead will offer you the chance to dive into riveting crime scene analysis. These days, the world of law enforcement depends increasingly on DNA findings to unlock the secrets behind crimes and those who commit them. Learn how forensic science applies technology to make discoveries and bring criminals to justice. This course will focus on various techniques and practices used in the field during an official crime scene investigation and how clues and data are recorded and preserved. You will follow the entire forensic process—from pursuing the evidence trail to taking the findings to trial—examining how various elements of the crime scene are used to solve even the most heinous crimes.

Title: **CHILD DEVELOPMENT 1** HH780 Length: One Semester

Prerequisite: None

This course examines personal readiness in regard to working with children. Students will be exposed to life situations already encountered and dealt with by others. They will learn how children develop physically, cognitively, and socially, and emotionally, from preconception to age 4. They will learn from a wide variety of situations. These include simulation, interaction with people and children, and visiting local businesses.

Title: **CHILD DEVELOPMENT 2** HH780 Length: One Semester

Prerequisite: None

This course focuses on identifying skills that are necessary for qualified childcare professionals. Field trips and working directly with children are an integral part of this course.

## Special Education

Prerequisite: Students must meet KPBSD Special Education criteria

The Special Services Department at Nikiski Middle/High School develops and implements individualized education programs (IEPs) designed to meet the unique learning needs of specifically identified students, as those students earn high school diplomas and plan for their futures. Special Services staff works 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:

- The least restrictive individual program is highly inclusive; students with special needs take all or most of their classes within the general education program. Students are usually enrolled in a study skills course facilitated by a Special Services teacher to support their general education courses.
- A slightly more restrictive individual program provides direct instruction to the student with special needs within the area of his/her disability, such as mathematics or reading. This program may include a more structured vocational program offering supplemental career exploration and more intensive on-the-job training opportunities than are available through the general education program.
- The most restrictive individual program offers the student a competency-based curriculum designed to focus on the acquisition of life skills (LIFE LIVING SKILLS) within the academic areas. The development of a student's vocational work habits and job-specific skills are also included as priorities

Title: **LIFE LIVING SKILLS** YY705 Length: One Semester  
 Students will learn independent living skills, which may include vocational and community skills; managing personal finances; caring for personal needs; buying, preparing, and consuming food; and buying and caring for clothing. This course may be substituted for math, practical arts, social studies, and biological science credit. Students may repeat this course for credit in one or more of these substitution areas until competencies are met

Title: **STUDY SKILLS** XX710 Length: One Semester  
 Study Skills is designed for the student who is enrolled in one or more general education courses for which he/she may need additional assistance or time to do the work required. This course also provides an alternate location for test taking and other

Title: **WORK EXPERIENCE** YY725 Length: One Semester  
 Allows students to be employed at a work setting that offers work experience. The Special Education teacher sets up the dates, times, and locations and a staff member goes with the students to supervise.