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## Course Descriptions

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Students will receive a Bering Strait School District diploma after acquiring the minimum of 21 credits in the appropriate subjects. For more information, refer to the academic advising forms located on page 47 in this document. Please contact the Director of Curriculum and Instruction for any additional questions or concerns.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Language Arts</strong></td>
<td>4 credits</td>
</tr>
<tr>
<td>General Literature</td>
<td>1 credit</td>
</tr>
<tr>
<td>World Literature</td>
<td>1 credit</td>
</tr>
<tr>
<td>American Literature</td>
<td>1 credit</td>
</tr>
<tr>
<td>British Literature</td>
<td>1 credit</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>3 credits</td>
</tr>
<tr>
<td>Alaska History</td>
<td>0.5 credit</td>
</tr>
<tr>
<td>US Government</td>
<td>0.5 credit</td>
</tr>
<tr>
<td>Modern World</td>
<td>1 credit</td>
</tr>
<tr>
<td>Modern US</td>
<td>1 credit</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>2 credits</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>1 credit</td>
</tr>
<tr>
<td>Biology</td>
<td>1 credit</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>3 credits</td>
</tr>
<tr>
<td>Algebra I</td>
<td>1 credit</td>
</tr>
<tr>
<td>Geometry</td>
<td>1 credit</td>
</tr>
<tr>
<td>Algebra II</td>
<td>1 credit</td>
</tr>
<tr>
<td><strong>Health</strong></td>
<td>1 credit</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>8 credits</td>
</tr>
</tbody>
</table>

*Items in red are state mandated for graduation.
Attendance

AS 14.30.010.

(a) Every child between seven and 16 years of age shall attend school at the public school in the district in which the child resides during each school term. Every parent, guardian or other person having the responsibility for or control of a child between seven and 16 years of age shall maintain the child in attendance at a public school in the district in which the child resides during the entire school term, except as provided in (b) of this section. For a complete description of AS14.30.010, go to the following link, http://www.touchngo.com/lglcntr/akstats/statutes/title14/chapter30/section010.htm.

Course Enrollment

High school students will be enrolled in their courses no later than one week of the start of each semester. Multiple changes of courses in any given grading period for a student is not conducive to learning. Therefore, a student’s schedule in PowerSchool must be finalized by the principal and the PowerSchool administrator before the end of the second week of the semester.

Adding/Dropping Courses

With the permission of the school administrator, a high school student may drop and add a high school course within the first two weeks of a semester. A high school course change after the first two weeks of a semester must have approval by the Director of Curriculum and Instruction.

Transcripts - http://bssd.org/resources/transcript_request

Official high school transcripts are legal documents that are generated through the student registrar in the district office by request. Unofficial high school transcripts can be generated through site administrators and counselors by request.

Credit by Choice Program for Middle School Students

Eighth grade students may take core high school classes for high school credit upon approval by site administrator and the Director of Curriculum and Instruction. A site administrator must notify the PowerSchool administrator if the student opts to have the credit included in the high school transcript before the completion of the second semester.

High School Athletics Participation for Credit (Optional)

A high school student may be given .25 elective credits for participating and completing a season successfully as determined by the principal in any of the following athletic programs. These include cross country running, wrestling, volleyball, basketball, native youth olympics, cheerleading, and cross country skiing. No more than 1.0 elective credits in athletic participation will be awarded for graduation requirements. All sports are on a credit/no credit basis. The student must complete the athletic season in order to receive .25 credits.
Grades and Evaluation of Student Achievement (BSSD Board Approved)

The Superintendent or designee will be responsible for implementing a uniform system of measuring, recording, and reporting student achievement. Principals will responsible for monitoring the entering of student information by their teachers on a weekly basis. The BSSD grading system ensures that the student, teacher, and parent can monitor progress toward the educational goals of a particular course of study. In addition to receiving report cards every quarter, parents can access PowerSchool to view their student’s learning progress in the classroom. Parents can contact their school’s principal to receive information on accessing PowerSchool.

BP 5121  
A. GRADES/EVALUATION OF STUDENT ACADEMIC PERFORMANCE

The School Board recognizes that the assessment of student learning is one of the most important elements of an effective instructional program.

Learning Indicators for Academic Performance GRADES 4-12

GPA Calculations for Grades 9-12

A (90-100%)
Assessments indicate a high understanding of essential standards. All learning goals are fully and consistently met.
A+ 97%  4 points
A 93%  4 points
A- 90%  4 points

B (80-89%)
Assessments indicate a solid understanding of essential standards. Most learning goals are fully and consistently met.
B+ 87%  3.7 points
B 83%  3.3 points
B- 80%  3.0 points

C (70-79%)
Assessments indicate a satisfactory understanding of essential standards. Some learning goals are fully and consistently met.
C+ 77%  2.7 points
C 73%  2.3 points
C- 70%  2.0 points

D (60-69%)
Assessments indicate weak understanding of essential standards. Few learning goals are fully and consistently met.
D+ 67%  1.7 points
D 63%  1.3 points
D-  60%  1.0 point

F  (40-59%)
Assessments indicate no understanding of essential standards. None of the learning goals are fully and consistently met.
0 points

I
Student has yet to demonstrate a satisfactory understanding of essential standards.
0 points

- Since grades reflect a student’s academic learning while in the classroom, attendance and behavior cannot be included in a student’s academic grade.
- Classroom participation can be included in a student’s academic grade as long as the teacher’s classroom participation rubric is approved by school administration and the student is aware of the participation rubric.
- Due to mathematical distortions, students are to receive no lower than a 40% F as an individual or cumulative grade.
- Students that receive an Incomplete for a grade have four weeks to make up the grade before it converts automatically to a failing grade.

Incomplete

An incomplete ("I") indicates that course requirements were not completed by the student. An "I" must be made up within a time period specified by the principal or designee not to exceed 30 days of the date when grades are issued to parents.

If coursework is not completed within the specified time period, the grade will be calculated based on completed/incomplete work.

Pass/Fail Grading

With IEP team approval, students may elect to earn a “Pass” or “Fail” grade instead of an A-F grade in all courses taken in the Special Education Program.

Honor Roll

High school students have achieved ‘B’ honor roll status if they have a grade point average between 3.0 - 3.49.

High school students have achieved ‘A’ honor roll status if they have a grade point average between 3.5 - 3.79.

High school students have achieved highest honor roll status if they have a grade point average of 3.8 or higher.
Repeated Course – (Replacing Grades)

High school credit is issued for each course per semester. High school students are mandated to repeat any core courses required for graduation for which they did not receive credit. With the approval of site administration, a student may repeat a course in order to raise his/her grade. The student will only receive credit for taking the course once. The highest grade received will be the permanent grade on the student’s transcript.

Alaska School Activities Association (ASAA) Eligibility for Sports and Activities

Participation in middle and high school athletics is a privilege. All students are expected to comply with local, state, and federal laws, the rules and regulations of the Bering Strait School District and the Alaska School Activities Association requirements. Students will be denied the ability to participate if they do not meet eligibility requirements, engage in behavior that is detrimental to the well being of the team or school, violate the tobacco rule or violate of the drug and alcohol rule. The students are ambassadors of our schools in these competitions. Therefore, academic eligibility and attendance are the rule, not the exception.

Alaska Performance Scholarship (APS)

The Alaska Performance Scholarship is a merit-based scholarship that provides an opportunity for any future Alaska high school graduate who meets a core set of requirements to receive funding to pursue college and/or career training in Alaska. Eligible students can receive up to eight semesters of APS assistance within six years of high school graduation. For information on qualifying for the APS, please see your school counselor or administrator. BSSD high school courses, that are also APS courses, have APS written beside their course descriptions.

Distance Education Courses

With the approval of site administration and the Director of Curriculum and Instruction, a student may choose to take a course via distance education. BSSD supports the electronic platforms by Northwest Campus/UAF and Edgenuity. Below are general guidelines schools use to support students who are taking distance education courses.

Students taking a distance education course will have:

- A designated space to work in during class time
- Access to tools (computer, etc...) and resources (textbook, etc...) necessary to successfully complete the course
- Supervision during the designated class time
- A certified Teacher of Record assigned who will:
  - Meet regularly with the student to assist with questions on coursework and timely course submissions/completion
  - Communicate student performance to the principal and parents
  - Record student performance in PowerSchool each quarter
UAF NORTHWEST CAMPUS
FALL 2018 Daytime Courses for BSSD High School Students!

HUMAN BEHAVIOR IN HEALTH CARE
Mondays, Tuesdays, Thursdays
August 20-December 18 • 2:30-3:30pm
3 UAF credits • .5 BSSD credit
HTLH F106 • Offered via Google Hangouts

Aiming to become a health care provider? This course introduces you to the basic principles of psychology from a health care provider’s perspective. Learn about effects of illness on behavior, effects of traumatic events on health, Maslow’s hierarchy of needs, and suicide awareness & prevention. Finish the semester with Mental Health First Aid certification training in a face-to-face intensive.

INSTRUCTOR: Andrea Gelvin is a certified Medical Assistant, EMT and Mental Health First Aid Instructor. She is an adjunct UA instructor of many allied health care courses.

PROFESSIONAL SKILLS FOR THE JOB HUNT
Mondays, Tuesdays, Thursdays
August 20-December 18 • 2:30-3:30pm
4 UAF credits • .5 BSSD credit
ABUS F183 • Offered via Google Hangouts

This class will give you the information you need to prepare yourself for job searches. Learn to write cover letters and resumes, and master proper etiquette for both on and off the job. You will get to experience the actual process of applying for jobs from beginning to end. If you want to stand out and have an edge when entering the work force, this is the class for you!

INSTRUCTOR: Miranda Musich is the full-time Applied Business faculty member for UAF Northwest Campus.

Keep an eye out for more dual credit opportunities coming in spring 2019!

READY TO SIGN UP?
Talk to your principal or school counselor, or contact Patrick Cutler, BSSD’s distance learning facilitator: 1-907-624-4311 or pcutler@bssd.org
SPRING 2019 Courses (Flyer To Be Inserted Upon Receipt from NWC)
**Edgenuity**
Edgenuity (previously Compass Learning) is a program that is designed to offer credit-bearing distance education courses to students on an independent learning option. A student can be enrolled in one or two Edgenuity courses per semester. In order to be enrolled in an Edgenuity course, an Edgenuity enrollment form must be completed (see page 55 for Edgenuity enrollment form) and send it to the BSSD curriculum office. The designated Teacher of Record is responsible for following the distance education support suggestions to ensure academic success in Edgenuity courses. Edgenuity learning courses can not be altered at the site level or the student will not be granted credit for the course.

**Edgenuity Approved Courses**

Edgenuity courses with a * are offered to students seeking credit recovery. Edgenuity courses not marked as credit recovery courses can be used upon Curriculum and Instruction Director approval if hardcover curriculum is not available, the course is not offered at the school or the school does not have a qualified teacher for the course. A letter grade will be awarded to a student who successfully completes all of the course chapters.

**English**
- Literacy & Comprehension I*
- Literacy & Comprehension II*

**Math**
- Pre-Algebra*
- Algebra 1a*
- MA.091 Algebra I
- MA.111 Algebra II
- MA.101 Geometry
- MA.145 Trigonometry (Prerequisite Algebra I, Algebra II, and Geometry with ‘B’ or higher) APS
- MA.133 Pre-Calculus (Prerequisite. Algebra II with ‘B’ or higher) APS

**Science**
- Life Science*
- SCI.090 Earth Science *
- SCI.120 Physical Science*
- SCI.132 Chemistry APS
- SCI.133 Physics APS
- AP Environmental Science (Prerequisite Environmental Science with ‘B’ or higher) APS

**Social Studies**
- Survey of World History*
- Survey of U.S. History*
- HIS.090 Modern World History
- HIS.111 U.S. History I
- SS.102 U.S. Government
- SS.130 Economics APS
- AP United States History (Prerequisite US History with ‘B’ or higher) APS
- AP United States Government and Politics ( Prerequisite U.S. Government with ‘B’ or higher) APS
- AP World History (Prerequisite World History with ‘B’ or higher) APS
Electives Note: Teachers can opt to have all students on computer or to have one teacher subscription on the SmartBoard for blended learning.

SS.130 Public Speaking
    Introduction to Art
    Art History
    Contemporary Health
    Lifetime Fitness
    Online Learning and Digital Citizenship
    Psychology
    Sociology
    Strategies for Academic Success
    Digital Arts
    Introduction to Business
    Introduction to Coding
    Introduction to Entrepreneurship
    Introduction to Health Science
    Introduction to Health Technology
    Virtual Tutor: ACT
    Virtual Tutor: Accuplacer

FL.130 Spanish 1
FL.131 Spanish 2
How To Read a Course Description

**PowerSchool Identifiers**

- **Course Number**: 1054  
  **American Literature**  
  **ELA.111**

  - **Prerequisite**:  
    - Grade Level: 912
    - Max Credits: 1.00
  - **Credit Value**: 1.00
  - **Grade Scale**: Graded & F/F
  - **Course Description**: The American Literature course offers a balanced focus on literature, grammar, vocabulary, and composition. Students learn about commonly known American authors and their work. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. Oral discussion is an integral part of literature courses, and written compositions are often required. APS
  - **Course Name**: (Bold "Blue" print indicates a course required for graduation.)
  - **Course Prerequisites will be listed here**: 912 = grades 9 through 12
  - **Credit Worth of course**: 1.00 = two semesters  
    .50 = one semester
  - **APS = Approved for Alaska Performance Scholarship Eligibility**

- **Course Number**: 1061  
  **Greek Mythology**  
  **ELA.131**

  - **Identifiers that begin with 13 or higher indicate an elective, and happen to be the first ELA elective listed in the catalogue. Hence the third numeral (1).**
English Language Arts (ELA) Courses

1065  SpringBoard General Literature 9  
   ELA.151  
Prerequisite:  
Grade Level: 9-12  Max Credits: 1.0  
Credit Value: 1.0  Grade Scale: Graded  
In this general literature course (a balanced focus on literature, grammar, vocabulary, and composition,) students will use selected literature to explore different themes from several points of view. Students will improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. Oral discussion is an integral part of literature courses. APS

1058  SpringBoard World Literature 10  
   ELA.152  
Prerequisite: SpringBoard General Literature 9  
Grade Level: 9-12  Max Credits: 1.00  
Credit Value: 1.00  Grade Scale: Graded  
The World Literature course offers a balanced focus on literature, grammar, vocabulary, and composition. Students will use representative literature selections from ancient and/or modern times from countries around the world. Students improve their critical-thinking skills as they comprehend the diversity of literary traditions and the influences of those traditions. Oral discussion is an integral part of literature courses. APS

1054  SpringBoard American Literature 11  
   ELA.153  
Prerequisite: SpringBoard Literature 9 and 10  
Grade Level: 9-12  Max Credits: 1.00  
Credit Value: 1.00  Grade Scale: Graded  
The American Literature course offers a balanced focus on literature, grammar, vocabulary, and composition. Students learn about commonly known American authors and their work. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. Oral discussion is an integral part of literature courses, and written compositions are often required. APS

1054  SpringBoard British Literature 12  
   ELA.154  
Prerequisite: SpringBoard Literature 9, 10, and 11  
Grade Level: 9-12  Max Credits: 1.00  
Credit Value: 1.00  Grade Scale: Graded  
British Literature offers a balanced focus on dramatic plays and literary critics. Students will focus on well-known authors from 1700 to present. A variety of poetry, short stories, plays, and novels will lay the premise for learning. Oral discussion is an integral part of literature courses, and written compositions will be required. APS

1063  Alaskan Literature  
   ELA.101  
Prerequisite:  
Grade Level: 9-12  Max Credits: 1  
Credit Value: 1  Grade Scale: Graded & P/F  
The Alaska Literature course offers a balanced focus on literature, grammar, vocabulary, and composition. Students determine the underlying assumptions and values within the selected works; study how the literature reflects the land, society, and history of the region; and may study the influence of this literature on others. Oral discussion is an integral part of literature courses. APS
Developmental Writing
ELA.

Prerequisite:
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded
This course focuses on the basic academic writing skills, such as grammar, sentence building, sentence structure, correct usage, punctuation, and prewriting, drafting, revising, and editing multiple paragraphs and essays. Students will compose comprehensible sentences as they develop the necessary skills to write various focused, developed, organized paragraphs and essays.

1066 Strategic ELA I - Nat. Geographic-Edge A
ELA.155
Prerequisite: Approval through Director of C&I
Grade Level: 9-12 Max Credits: 1.0
Credit Value: 1.0 Grade Scale: Graded
This remedial course is intended to improve a student's skills in vocabulary, comprehension and fluency. National Geographic-Edge Level A curriculum will be used to facilitate this course.

1066 Strategic ELA II - Nat. Geographic-Edge B
ELA.156
Prerequisite: Approval through Director of C&I
Grade Level: 9-12 Max Credits: 1.0
Credit Value: 1.0 Grade Scale: Graded
This remedial course is intended to improve a student's skills in vocabulary, comprehension and fluency. National Geographic-Edge Level B curriculum will be used to facilitate this course.

1066 Strategic ELA III - Nat. Geographic-Edge C
ELA.157
Prerequisite: Approval through Director of C&I
Grade Level: 9-12 Max Credits: 1.0
Credit Value: 1.0 Grade Scale: Graded
This remedial course is intended to improve a student's skills in vocabulary, comprehension and fluency. National Geographic-Edge Level C curriculum will be used to facilitate this course.

1068 ELA Response to Intervention I
ELA.158
Prerequisite: Approval from Director of C&I
Grade Level: 9-12 Max Credits: 0.5
Credit Value: 0.5 Grade Scale: Graded
This course is one of two intervention courses designed to support the development of strategic reading and writing skills. These courses use a thematic and contemporary approach, including high interest topics to motivate students and expose them to effective instructional principles using diverse content area and real-world texts. Both courses offer an engaging technology-based interface that inspires and challenges students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their learning. Edgenuity's Literacy and Comprehension I course curriculum will be used to facilitate this course.
1068 ELA Response to Intervention II
ELA.159
Prerequisite: Approval from Director of C&I
Grade Level: 9-12 Max Credits: 0.5
Credit Value: 0.5 Grade Scale: Graded
Offering high-interest topics to motivate students who are reading two to three levels below grade, this course works in conjunction with Literacy & Comprehension I to use a thematic and contemporary approach to expose students to effective instructional principles using diverse content area and real world texts. Each of these reading intervention courses offers an engaging, technology-based interface that inspires and challenges high school and middle school students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their learning. Edgenuity’s Literacy and Comprehension II course curriculum will be used to facilitate this course.

11101 Journalism I
ELA.141
Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
Credit Value: 1.00 Grade Scale: Graded
Note: This is an elective credit and not an ELA core credit.
Journalism (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasizes writing style and technique as well as production values and organization. The course introduces students to the concepts of newsworthiness and press responsibility; develop students’ skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing. Photography and photojournalism skills may be included.

11101 Journalism II
ELA.142
Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
Credit Value: 1.00 Grade Scale: Graded
Note: This is an elective credit and not an ELA core credit.
Journalism (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasizes writing style and technique as well as production values and organization. The course expands the student’s knowledge and skills learned in Journalism I in newsworthiness and press responsibility; and further develops students’ skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing. Photography and photojournalism skills may be included.

1151 Public Speaking
ELA.140
Prerequisite:
Grade Level: 9-12 Max Credits: 1.0
Credit Value: 1.00 Grade Scale: Graded & P/F
Note: This is an elective credit and not an ELA core credit.
The art of public speaking is one which underpins the very foundations of Western society. This course examines those foundations in both Aristotle and Cicero’s views of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair. By the end of this course, students will know exactly what makes a truly successful speech and will be able to put that knowledge to practical use. Edgenuity’s Public Speaking course curriculum will be used to facilitate this course.
Mathematic Courses

2051 Pre-Algebra MA.090
Prerequisite: Approval of C&I
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded & P/F
Special Note: Teachers follow the pre-algebra scaffold plan located in the C&I Team Drive under math.
https://drive.google.com/drive/folders/15iEw9PSZg74nR0a9VOMb2jCNxaPYoKav?v
Pre-Algebra increases students' foundational math skills and prepare them for Algebra I by covering a variety of topics such as properties of rational numbers, ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas and solving first-degree equations and inequalities. Big Ideas Level 8 curriculum is used for this course.

2052 Algebra I MA.091
Prerequisite: C or higher in Big Ideas Math 8
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded & P/F
Algebra I includes the study of properties and operations of the real number system, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, translating word problems into equations, operations with and factoring of polynomials and solving simple quadratic equations. APS

2056 Algebra II MA.111
Prerequisite: Algebra I & Geometry
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded & P/F
Algebra II course topics include field properties and theorems, set theory, operations with rational and irrational expressions, factoring of rational expressions, in-depth study of linear equations and inequalities, quadratic equations, solving systems of linear and quadratic equations, graphing of constant, linear and quadratic equations, properties of higher degree equations and operations with rational and irrational exponents. APS

2072 Geometry MA.101
Prerequisite: Algebra I
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded & P/F
Geometry emphasizing an abstract, formal approach to the study of geometry, including topics such as properties of plane and solid figures, deductive methods of reasoning and use of logic, geometry as an axiomatic system including the study of postulates, theorems, and formal proofs, concepts of congruence, similarity, parallelism, perpendicularity, and proportion and rules of angle measurement in triangles. APS

2103 Trigonometry MA.145
Prerequisite: Algebra I
Grade Level: 9-12 Max Credits: 0.50
Credit Value: 1.00 Grade Scale: Graded & P/F
In this one-semester course, students use their geometry and algebra skills to begin their study of trigonometry. Students will be required to express understanding using qualitative, quantitative, algebraic, and graphing skills. This course begins with a quick overview of right-triangle relationships before introducing trigonometric functions and their applications. Students explore angles and radian measures, circular trigonometry, and the unit circle. Students extend their understanding to trigonometric graphs, including the effects of translations and the inverses of trigonometric functions. This leads to the laws of sines and cosines, followed by an in-depth exploration of trigonometric identities and applications. This course ends with an introduction to the polar coordinate system, complex numbers, and DeMoivre’s theorem. Edgenuity’s Trigonometry course curriculum will be used to facilitate this course. APS
2110 Pre-Calculus
MA.133
Prerequisite: Algebra II and Trigonometry
Grade Level: 9-12 Max Credits: .50
Credit Value: 1.00 Grade Scale: Graded & P/F
Pre-Calculus combines the study of trigonometry, elementary functions, analytic geometry and math analysis topics as preparation for calculus. Topics include the study of complex numbers, polynomial, logarithmic, exponential, rational, right trigonometric and circular functions and their relations, inverses and graphs, trigonometric identities and equations, solutions of right and oblique triangles, vectors and the polar coordinate system, conic sections and Boolean algebra and symbolic logic, mathematical induction, matrix algebra, sequences and series, and limits and continuity. The Holt Pre-Calculus curriculum is used for this course. APS

2054 Business Math
MA.156
Prerequisite:
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded
Business Math reinforces general math skills, emphasizes speed and accuracy in computations and uses these skills in a variety of business applications. Business Math courses reinforce general math topics (e.g., arithmetic, measurement, statistics, ratio and proportion, exponents, formulas, and simple equations) by applying these skills to business problems and situations. Applications might include wages, hourly rates, payroll deductions, sales, receipts, accounts payable and receivable, financial reports, discounts, and interest. Basic College Mathematics; An applied approach Curriculum will be used for this course, APS

2057 Consumer Math
MA.142
Prerequisite:
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded
Consumer Math reinforces general math topics such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics and applies these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment. Consumer Mathematics, by AGS Publishing will be used for this course.

2053 Trades Math
MA.138
Prerequisite:
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded
Technical Math extends students' proficiency in mathematics and apply these skills to technical and/or industrial situations and problems. Technical Math topics may include, but are not limited to, rational numbers, systems of measurements, tolerances, numerical languages, geometry, algebra, statistics, and using tables, graphs, charts, and other data displays. Technology is integrated as appropriate. Mathematics for the Trades; A guided approach will be used for this course.

2151 Strategic Math
MA.155
Prerequisite: Approval from C&I
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded & P/F
Strategic Math is a remedial course that reinforces general math skills, including some pre-algebra and algebra topics. These skills are used in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations. The curriculum used for this course will be Big Idea Math 7 (Red).
Response to Intervention Math is designed to assist students in acquiring the skills necessary to be successful in their core math classes. This course counts as a high school elective, not a math credit.

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Science Courses

3003 Environmental Science
   SCI.100
Prerequisite:  
Grade Level: 9-12  Max Credits: 1.00  
Credit Value: 1.00  Grade Scale: Graded & P/F  
Environmental Science examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, this course usually covers the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources. APS

3051 Biology
   SCI.110
Prerequisite:  
Grade Level: 9-12  Max Credits: 1.00  
Credit Value: 1.00  Grade Scale: Graded & P/F  
Biology is designed to provide information regarding the fundamental concepts of life and life processes and includes (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy. APS

3101 Chemistry
   SCI.132
Prerequisite: Algebra I  
Grade Level: 9-12  Max Credits: 1.00  
Credit Value: 1.00  Grade Scale: Graded & P/F  
Chemistry involves studying the composition, properties, and reactions of substances. This course typically explores such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied. APS

Advanced Chemistry Lab
   SCI. 164
Prerequisite: Chemistry  
Grade Level: 9-12  Max Credits: 1.00  
Credit Value: 1.00  Grade Scale: Graded & P/F  
https://drive.google.com/drive/folders/1YFyYJZk_bEonECA9um-YfbdB3pXveoV7v APS

3151 Physics
   SCI.133
Prerequisite: Algebra II  
Grade Level: 9-12  Max Credits: 1.00  
Credit Value: 1.00  Grade Scale: Graded & P/F  
Physics involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena. APS

Advanced Physics Lab(s)
   SCI. 161 & SCI. 162
Prerequisite: Physics  
Grade Level: 9-12  Max Credits: 1.00  
Credit Value: 1.00  Grade Scale: Graded & P/F  
https://drive.google.com/drive/folders/1YFyYJZk_bEonECA9um-YfbdB3pXveoV7v APS
Life Science
SCI.
Prerequisite:
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded & P/F
Life Science provides students with the opportunity to examine life's foundational components such as cellular structure, and expands into the study of systems. Sections are Cells and Heredity, Diversity of Living Things, Human Body and Health, and Ecology.

3001 Earth Science
SCI.090
Prerequisite:
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded & P/F
Earth Science offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, this course usually explores oceanography, geology, astronomy, meteorology, and geography.

3159 Physical Science
SCI.120
Prerequisite:
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded & P/F
Physical Science involves study of the structures and states of matter. Typically, but not always offered as an introductory survey course, the course may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

3201 The Science of Climate Change
SCI.150
Prerequisite:
Grade Level: 9-12 Max Credits: .5
Credit Value: .5 Grade Scale: Graded
The purpose of the class is to help students become literate on the issue of climate change and the impacts both positive and negative. Literacy about Climate Change will assist them in becoming community leaders. In this course they will learn how to lobby for their community as well as communicate with visiting media. We will study the mechanisms that change climate both human and natural, and how the changing climate impacts people all over the planet as well as locally.
Suggested Text: The Rough Guide to Climate Change by Robert Henson
Social Science and History Courses

4053  Modern World History
   HIS.090
Prerequisite:
Grade Level: 9-12  Max Credits: 1.00
Credit Value: 1.00  Grade Scale: Graded & P/F
Modern World History provides an overview of the history of human society in the past few centuries—from the Renaissance Period, or later, to the contemporary period—exploring political, economic, social, religious, military, scientific, and cultural developments. APS

4103  Modern U.S. History
   HIS.111
Prerequisite:
Grade Level: 9-12  Max Credits: 1.00
Credit Value: 1.00  Grade Scale: Graded & P/F
Modern U.S. History examines the history of the United States from the Reconstruction Era through the present time. This course typically include a historical review of political, military, scientific, and social developments. APS

4105  Alaska History
   HIS.101
Prerequisite:
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded & P/F
Alaska History examines the history, politics, economics, society, and/or cultures of Alaska. This course focuses primarily on the history and take an interdisciplinary approach to the contemporary issues affecting it. APS

4151  U.S. Government
   SS.102
Prerequisite:
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded & P/F
U.S. Government provides an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. This course examines the structure and function of state and local governments and covers certain economic and legal topics. APS

4201  Economics
   SS.130
Prerequisite:
Grade Level: 9-12  Max Credits: 1.00
Credit Value: 1.0  Grade Scale: Graded
Available as either a semester or a full year, this course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats. Edgenuity’s Economy course curriculum will be used to facilitate this course. APS
4001 World Geography
SS.141
Prerequisite:
Grade Level: 9-12 Max Credits:
Credit Value: 1.0 Grade Scale: Graded
World Geography provides students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas. APS

4061 Academic Decathlon I
SS.131
Prerequisite:
Grade Level: 9-12 Max Credits: 0.5
Credit Value: 0.5 Grade Scale: Graded
US Academic Decathlon Curriculum examines particular topics in world history including the history of the culture, economics, government, politics, society, art and architecture of one or more specific countries or a region. This course may focus particularly on the history of a particular region or may take an interdisciplinary approach to the contemporary issues affecting the region. SPECIAL NOTE: THIS CLASS IS REQUIRED IN ORDER TO PARTICIPATE IN COMPETITION. APS

4061 Academic Decathlon II
SS.132
Prerequisite:
Grade Level: 9-12 Max Credits: 0.5
Credit Value: 0.5 Grade Scale: Graded
US Academic Decathlon Curriculum examines particular topics in world history including the history of the culture, economics, government, politics, society, art and architecture of one or more specific countries or a region. This course may focus particularly on the history of a particular region or may take an interdisciplinary approach to the contemporary issues affecting the region. SPECIAL NOTE: THIS CLASS IS REQUIRED IN ORDER TO PARTICIPATE IN COMPETITION. APS

4061 Academic Decathlon III
SS.133
Prerequisite:
Grade Level: 9-12 Max Credits: 0.5
Credit Value: 0.5 Grade Scale: Graded
US Academic Decathlon Curriculum examines particular topics in world history including the history of the culture, economics, government, politics, society, art and architecture of one or more specific countries or a region. This course may focus particularly on the history of a particular region or may take an interdisciplinary approach to the contemporary issues affecting the region. APS

4061 Academic Decathlon IV
SS.134
Prerequisite:
Grade Level: 9-12 Max Credits: 0.5
Credit Value: 0.5 Grade Scale: Graded
US Academic Decathlon Curriculum examines particular topics in world history including the history of the culture, economics, government, politics, society, art and architecture of one or more specific countries or a region. This course may focus particularly on the history of a particular region or may take an interdisciplinary approach to the contemporary issues affecting the region. SPECIAL NOTE: THIS CLASS IS REQUIRED IN ORDER TO PARTICIPATE IN COMPETITION. APS
General Elective Courses

Fine and Performing Arts

5049 Dance - Eskimo I-IV
   I = FPA.130
   II = FPA.131
   III = FPA.132
   IV = FPA.133

Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
Credit Value: 0.5 Grade Scale: Graded

Initial classes are usually introductory in nature, while the more advanced classes concentrate on improving students' technique and may offer or require experience in choreography and dance evaluation.

5053 Drama I - IV
   I = FPA.134
   II = FPA.135
   III = FPA.136
   IV = FPA.137

Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
Credit Value: 0.5 Grade Scale: Graded

Drama—Comprehensive courses are intended to help develop students' experience and skill in one or more aspects of theatrical production. Initial courses are usually introductory in nature, providing an overview of the features of drama such as acting, set design, stage management, and so on. The more advanced courses concentrate on improving technique, expanding students' exposure to different types of theatrical techniques and traditions, and increasing their chances of participating in public productions. These courses may also provide a discussion of career opportunities in the theater.

5151 General Band I - IV
   I = FPA.138
   II = FPA.139
   III = FPA.140
   IV = FPA.141

Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
Credit Value: 0.5 Grade Scale: Graded

General Band courses develop students' technique for playing brass, woodwind, and percussion instruments and cover a variety of non-specified band literature styles (concert, marching, orchestral, and modern styles).

5102 Concert Band I - IV
   I = FPA.142
   II = FPA.143
   III = FPA.144
   IV = FPA.145

Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
Credit Value: 0.5 Grade Scale: Graded

Courses in Concert Band are designed to promote students' technique for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances.
5107 Piano I - IV
I = FPA.146
II = FPA.147
III = FPA.148
IV = FPA.149
Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
Credit Value: 0.5 Grade Scale: Graded
Piano courses introduce students to the fundamentals of music and basic keyboard techniques such as scales, chords, and melodic lines. These courses may also include more advanced keyboard techniques.

5108 Guitar I - IV
I = FPA.150
II = FPA.151
III = FPA.152
IV = FPA.153
Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
Credit Value: 0.5 Grade Scale: Graded
Guitar courses introduce students to the fundamentals of music and guitar-playing techniques, such as strumming and chords. These courses may also include more advanced guitar-playing techniques.

5109 Instruments I - IV
I = FPA.154
II = FPA.155
III = FPA.156
IV = FPA.157
Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
Credit Value: 0.5 Grade Scale: Graded
Instruments courses provide individuals with instruction in instrumental techniques. These courses may be conducted on either an individual or small group basis.

5111 Vocal Ensembles I - IV
I = FPA.158
II = FPA.159
III = FPA.160
IV = FPA.161
Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
Credit Value: 0.5 Grade Scale: Graded
Vocal Ensemble courses are intended to develop vocal techniques and the ability to sing parts in small ensemble or madrigal groups. Course goals may include the development of solo singing ability and may emphasize one or several ensemble literature styles.

5118 Music Appreciation
FPA.162
Prerequisite:
Grade Level: 9-12 Max Credits: 0.5
Credit Value: 0.5 Grade Scale: Graded
Similar in nature to Music History/Appreciation courses, Music Appreciation courses focus specifically on students' appreciation of music. They are designed to help students explore the world of music and to develop an understanding of the importance of music in their lives.
**Drawing/Painting I - IV**

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<tr>
<th>Level</th>
<th>Code</th>
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<tbody>
<tr>
<td>I</td>
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<td>III</td>
<td>FPA.165</td>
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<td>IV</td>
<td>FPA.166</td>
</tr>
</tbody>
</table>

**Prerequisite:**

**Grade Level:** 9-12  
**Max Credits:** 2.0  
**Credit Value:** 0.5  
**Grade Scale:** Graded

Drawing/Painting courses cover the same topics as Creative Art—Comprehensive courses, but focus on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen and-ink, pencil, chalk, watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

**Carving I - IV**

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<th>Level</th>
<th>Code</th>
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<tr>
<td>I</td>
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<td>II</td>
<td>FPA.168</td>
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<tr>
<td>III</td>
<td>FPA.169</td>
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<tr>
<td>IV</td>
<td>FPA.170</td>
</tr>
</tbody>
</table>

**Prerequisite:**

**Grade Level:** 9-12  
**Max Credits:** 2.0  
**Credit Value:** 0.5  
**Grade Scale:** Graded

Carving courses cover the same topics as Creative Art—Comprehensive courses, but focus on creating three-dimensional works. Students typically work with several media (such as clay, ceramics, wood, metals, textiles, and so on), but some courses may focus on only one medium.

**Graphics Design I - II**

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<tr>
<th>Level</th>
<th>Code</th>
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<tbody>
<tr>
<td>I</td>
<td>FPA.175</td>
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<tr>
<td>II</td>
<td>FPA.176</td>
</tr>
</tbody>
</table>

**Prerequisite:**

**Grade Level:** 9-12  
**Max Credits:** 1.0  
**Credit Value:** 0.5  
**Grade Scale:** Graded

Graphic Design courses emphasize design elements and principles in the purposeful arrangement of images and text to communicate a message. They focus on creating art products such as advertisements, product designs, and identity symbols. Graphic Design courses may investigate the computer's influence on and role in creating contemporary designs and provide a cultural and historical study of master design works of different periods and styles.

**Native Arts I - IV**

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<th>Level</th>
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<tr>
<td>I</td>
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<td>II</td>
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<td>III</td>
<td>FPA.181</td>
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<tr>
<td>IV</td>
<td>FPA.182</td>
</tr>
</tbody>
</table>

**Prerequisite:**

**Grade Level:** 9-12  
**Max Credits:** 2.0  
**Credit Value:** 0.5  
**Grade Scale:** Graded

Often conducted with instructors or professional artists as mentors, enables students to explore a particular art form or topic. An opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.
Photography I - II
I = FPA.183
II = FPA.184

Prerequisite:
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 0.5  Grade Scale: Graded

Photography courses expose students to the materials, processes, and artistic techniques of taking artistic photographs. Students learn about the operation of a camera, composition, lighting techniques, depth of field, filters, camera angles, and film development. The course may cover black-and-white photography, color photography, or both. As students advance, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic style. These courses may also cover major photographers, art movements, and styles.
Foreign Languages

6101  Spanish I  
FL.130  
Prerequisite:  
Grade Level: 9-12  Max Credits: 1.0  
Credit Value: 1.0  Grade Scale: Graded  
Students begin their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas. Edgenuity's Spanish 1 course curriculum will be used to facilitate this course.  

APS  

6102  Spanish II  
FL.131  
Prerequisite:  Spanish II  
Grade Level: 9-12  Max Credits: 1.0  
Credit Value: 1.0  Grade Scale: Graded  
Students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas. Edgenuity's Spanish 2 course curriculum will be used to facilitate this course.  

APS  

6821  Yup'ik I  
FL.132  
Prerequisite:  
Grade Level: 9-12  Max Credits: 1.0  
Credit Value: 1.0  Grade Scale: Graded  
Yup'ik is designed to introduce students to Alaska Native language and culture. The course emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions.  

APS  

6822  Yup'ik II  
FL.133  
Prerequisite:  
Grade Level: 9-12  Max Credits: 1.0  
Credit Value: 1.0  Grade Scale: Graded  
Yup'ik II course builds upon skills developed in Yup'ik I, extending students' ability to understand and express themselves in Yup'ik and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Yup'ik to deepen their understanding of the culture.  

APS  

6821  Siberian Yupik I  
FL.136  
Prerequisite:  
Grade Level: 9-12  Max Credits: 1.0  
Credit Value: 1.0  Grade Scale: Graded  
Siberian Yupik is designed to introduce students to Alaska Native language and culture. The course emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions.  

APS
6822 Siberian Yupik II
FL.137
Prerequisite:
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 1.0  Grade Scale: Graded
Siberian Yupik II course builds upon skills developed in Siberian Yupik I, extending students’ ability to understand and express themselves in Siberian Yupik and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Siberian Yupik to deepen their understanding of the culture. APS

6822 Siberian Yupik III
FL.140
Prerequisite:
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 1.0  Grade Scale: Graded
Siberian Yupik III course builds upon skills developed in Siberian Yupik I & II, extending students’ ability to understand and express themselves in Siberian Yupik and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Siberian Yupik to deepen their understanding of the culture. APS

6822 Siberian Yupik IV
FL.141
Prerequisite:
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 1.0  Grade Scale: Graded
Siberian Yupik IV course builds upon skills developed in previous Siberian Yupik classes, extending students’ ability to understand and express themselves in Siberian Yupik and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Siberian Yupik to deepen their understanding of the culture. APS

6821 Inupiaq I
FL.138
Prerequisite:
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 0.5  Grade Scale: Graded
Inupiaq I is designed to introduce students to Alaska Native language and culture. The course emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. APS

6822 Inupiaq II
FL.139
Prerequisite:
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 1.0  Grade Scale: Graded
Inupiaq II course builds upon skills developed in Inupiaq I, extending students’ ability to understand and express themselves in Inupiaq and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Inupiaq to deepen their understanding of the culture. APS
Physical, Health, Safety Education

8001  Physical Education I - II
   I  = PE.130
   II = PE.131
Prerequisite:
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 0.5  Grade Scale: Graded
Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

8001  Sports Physical Education
   Basketball I  SPTBB.201
   Basketball II SPTBB.202
   Volleyball I  SPTVB.203
   Volleyball II SPTVB.204
   X-Country I  SPTXC.205
   X-Country II SPTXC.206
   Wrestling I  SPTWT.207
   Wrestling II SPTWT.208
   Cheer I  SPTCH.209
   Cheer II SPTCH.210
   NYO I  SPTNYO.211
   NYO II SPTNYO.212
   Skiing I  SPTSKI.213
   Skiing II SPTSKI.214
Prerequisite:
Grade Level: 9-12  Max Credits: 1.0 Total
Credit Value: 0.25  Grade Scale: Credit/No Credit
A high school student may be given .25 elective credits for participating in any of the following athletic programs. These include cross country running, wrestling, volleyball, basketball, native youth olympics, cheerleading, and cross country skiing. High school credit accumulation for athletic participation is only allowed for up to 1.0. All sports are on a credit/no credit basis. The student must complete the season in order to receive .25 credits.

8005  Fitness and Conditioning Activities I - II
   I  = PE.134
   II = PE.135
Prerequisite:
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 0.5  Grade Scale: Graded
Fitness/Conditioning Activities courses emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness.

8009  Weight Training I - II
   I  = PE.138
   II = PE.139
Prerequisite:
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 0.5  Grade Scale: Graded
Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning.
Adapted Physical Education I - IV

<table>
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<tr>
<th>Level</th>
<th>Course Code</th>
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<tbody>
<tr>
<td>I</td>
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<td>II</td>
<td>PE.143</td>
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<td>III</td>
<td>PE.144</td>
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<tr>
<td>IV</td>
<td>PE.145</td>
</tr>
</tbody>
</table>

Prerequisite:
Grade Level: 9-12  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded

These courses provide physical education activities (sports, fitness, and conditioning) adapted for students with special needs.

Health Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>8051</th>
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</thead>
</table>

Prerequisite:
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

Special Needs Health Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>8054</th>
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</table>

Prerequisite:
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded

Special Needs Health Education courses focus on the health requirements of individuals with special needs and emphasize meeting those needs within the home setting. These courses provide information regarding the elderly and individuals with disabilities or debilitating illnesses, along with strategies to prepare students for their possible roles as caretakers.

Outdoor Safety and Survival I

<table>
<thead>
<tr>
<th>Course Code</th>
<th>8998</th>
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</table>

Prerequisite:
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded

Students will learn how to put together a survival pack, dress properly for weather extremes, and recognize and treat various cold weather injuries. Students will also discuss and illustrate building both snow shelters and thermal shelters that can be constructed during summer months. Life-saving skills on land and water will be developed.

Outdoor Safety and Survival II

<table>
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<tr>
<th>Course Code</th>
<th>8998</th>
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</table>

Prerequisite:
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded

Students will learn how to put together a survival pack, dress properly for weather extremes, and recognize and treat various cold weather injuries. Students will also discuss and illustrate building both snow shelters and thermal shelters that can be constructed during summer months. Life-saving skills on land and water will be developed.

Safety and First Aid

<table>
<thead>
<tr>
<th>Course Code</th>
<th>8055</th>
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Prerequisite:
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded

Safety and First Aid courses provide specialized instruction in first aid techniques, cardiopulmonary resuscitation (CPR), relief of obstructed airways, and general safety procedures and behaviors. These courses may include such topics as an overview of community agencies and hotlines providing emergency care and information and opportunities for first aid and CPR certification.
Career & Technical (CTE) Elective Courses

Computer and Informational Systems

10004 Technology Applications  
CTE.130  
Prerequisite:  
Grade Level: 9-12  Max Credits: 0.5  
Credit Value: 0.5  Grade Scale: Graded  
In Computer Applications courses, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs and they may also cover the use of electronic mail and desktop publishing.

10201 Web Page Design I - II  
I  = CTE.131  
II  = CTE.132  
Prerequisite:  
Grade Level: 9-12  Max Credits: 1.0  
Credit Value: 0.5  Grade Scale: Graded  
Web Page Design courses teach students how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages—such as Extensible Hypertext Markup, JavaScript, Dynamic HTML and Document Object Model—to develop and maintain a web page. These courses may also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet. Advanced topics may include the use of forms and scripts for database access, transfer methods, and networking fundamentals.

10999 Introduction to Computer Sciences  
CTE.129  
Prerequisite:  
Grade Level: 9-12  Max Credits: 0.5  
Credit Value: 0.5  Grade Scale: Graded  
This course presents an introductory view of computer science. This course does require prior background knowledge in computer science, mathematics, or programming. Students will gain a breadth of knowledge about issues relating to computer sciences. Previous editions of this text have been used in all these types of courses.

11152 Desktop Publishing I - II  
I  = CTE.135  
II  = CTE.136  
Prerequisite:  
Grade Level: 9-12  Max Credits: 1.0  
Credit Value: 0.5  Grade Scale: Graded  
Desktop Publishing courses integrate the knowledge and skills learning in word processing with the concepts, procedures and application of desktop publishing. Students learn to format, create and proofread brochures, programs, newsletters, web pages, presentations and manuscripts.
Video courses enable students to explore video communications, incorporating both the technical and artistic aspects of video media. Topics covered in the course include the use of video equipment and techniques, and students typically create a video presentation. Advanced course topics may include creating various forms of film media including silent film; sport and music video; and self portrait video.

In Business Computer Applications courses, students acquire knowledge of and experience in the proper and efficient use of previously written software packages, particularly those used in the business world. Generally, these courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover topics such as electronic mail, desktop publishing, and telecommunications.

Business and Marketing

Office Services courses introduce students to and help them refine clerical and receptionist skills. Course content typically covers filing, telephone, and keyboarding skills; reprographic machinery and procedures; communications skills; and so on.
12104 Accounting I
CTE.149
Prerequisite: CTE.149
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 1.0  Grade Scale: Graded
Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

12104 Accounting II
CTE.150
Prerequisite: Accounting I
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 1.0  Grade Scale: Graded
Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

12162 Internet Marketing I - II
I  = CTE.151
II = CTE.152
Prerequisite: CTE.151
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 0.5  Grade Scale: Graded
Internet Marketing covers the principles and functions of marketing from the standpoint of conducting business on the internet. Typically, students develop such skills as using the internet as a marketing tool, conducting a marketing analysis via the internet, planning marketing support activities, managing an electronic marketing campaign, managing/owning a business via the internet, and analyzing the impact of the internet on global marketing.

12053 Entrepreneurship I - II
I  = CTE.155
II = CTE.156
Prerequisite: CTE.155
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 0.5  Grade Scale: Graded
Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. Several topics surveyed in Business Management courses may also be included.
Manufacturing

13003  Industrial Arts I - IV

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<th>Grade</th>
<th>Course Code</th>
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<td>I</td>
<td>CTE.159</td>
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<td>IV</td>
<td>CTE.162</td>
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</tbody>
</table>

Prerequisite:
Grade Level: 9-12  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded

Industrial Arts courses expose students to the tools and machines that they may encounter in manufacturing-related occupations and enable them to develop the skills they need to use these tools in various applications. Course topics typically include (but are not limited to) drawing and planning, electricity, graphic arts, woodwork, leatherwork, metalwork, plastics, and power technology. These courses typically cover general safety and career exploration as well.

13054  Wood Shop I-IV

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<th>Grade</th>
<th>Course Code</th>
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<tr>
<td>I</td>
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<td>III</td>
<td>CTE.165</td>
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<td>IV</td>
<td>CTE.166</td>
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</tbody>
</table>

Prerequisite:
Grade Level: 9-12  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded

Wood Processing/Production courses include studying the properties of woods and composites made from woods and using these materials to construct usable products. These courses enable students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines.

13055  Metals I - IV

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<th>Grade</th>
<th>Course Code</th>
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<td>III</td>
<td>CTE.169</td>
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<td>IV</td>
<td>CTE.170</td>
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</tbody>
</table>

Prerequisite:
Grade Level: 9-12  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded

Metal Processing/Production courses include studying the properties of metals and metal alloys and using these materials to construct usable products. These courses enable students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines.

13302  Equipment Maintenance and Repair I - IV

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<th>Grade</th>
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<tr>
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<td>III</td>
<td>CTE.177</td>
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<td>IV</td>
<td>CTE.178</td>
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</tbody>
</table>

Prerequisite:
Grade Level: 9-12  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded

Equipment Maintenance and Repair courses prepare students to adjust, maintain, replace, and repair parts of machinery and to repair tools, equipment, and machines. The courses may have a general emphasis or may focus on a specific type of machinery or equipment related to a particular industry. Depending upon the intent, course topics may include electric, hydraulic, or mechanic systems; control devices, valves, and gates; or supplemental equipment such as fans, hoses, and pipes.
Welding I - IV

Prerequisite:
Grade Level: 912  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded
Welding courses enable students to gain knowledge of the properties, uses, and applications of various metals, skills in various processes used to join and cut metals (such as oxy acetylene, shielded metal, metal inert gas, and tungsten arc processes), and experience in identifying, selecting, and rating appropriate techniques. Welding courses often include instruction in interpreting blueprints or other types of specifications.

**STEM Classes**

Fab Lab I - IV

Prerequisite:
Grade Level: 912  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded
This course is an in-depth exploration of the world of digital fabrication. Students will learn to use commercially available technologies to conceptualize, design, develop, fabricate and test objects. The Lab features advanced computer software and contemporary tools for cutting, milling, electronics, engraving, and other processes of rapid and automated prototyping. The FabLab is designed to explore interests in graphic design, visual arts, business, computer-assisted design, physical and natural science, and mathematics, as well as engineering and other advanced technologies.

Unmanned Aerial Vehicles I - IV

Prerequisite:
Grade Level: 912  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded
This course is a survey of Unmanned Aerial Vehicles (UAV) and systems, emphasizing the military and commercial history, growth, and applications of UAVs. Course will include basic acquisition, construction, use and operation of UAVs with an emphasis on operations.
Architecture and Construction

17007 Woodworking I - IV
   I = CTE.180
   II = CTE.181
   III = CTE.182
   IV = CTE.183

Prerequisite:
Grade Level: 912 Max Credits: 2.0
Credit Value: 0.5 Grade Scale: Graded

Woodworking courses introduce students to the various kinds of woods used in industry and offer experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finishing materials. Advanced students typically design a project, prepare bills of materials, construct, and finish proposed projects.

17009 Building Maintenance I - IV
   I = CTE.184
   II = CTE.185

Prerequisite:
Grade Level: 912 Max Credits: 1.0
Credit Value: 0.5 Grade Scale: Graded

Building Maintenance courses train students to maintain commercial, industrial, and residential buildings and homes. Instruction is provided in the basic maintenance and repair of air conditioning, heating, plumbing, electrical, and other mechanical systems. Topics covered may include identifying and using hand and power tools safely; installing and repairing floor coverings, walls, and ceilings; installing and repairing doors, windows, screens, and cabinets; applying finishes to prepared surfaces; and repairing roofs, masonry, plumbing, and electrical systems.

17001 Construction Careers Exploration
   CTE.188

Prerequisite:
Grade Level: 912 Max Credits: 0.5
Credit Value: 0.5 Grade Scale: Graded

Construction Career Exploration courses expose students to the opportunities available in construction-related trades, such as carpentry, masonry, air conditioning/refrigeration, plumbing, and so on. Students learn about the processes involved in construction projects and may engage in a variety of small projects. These courses emphasize responsibilities, qualifications, work environment, rewards, and career paths within construction-related fields.

17003 Carpentry I - IV
   I = CTE.189
   II = CTE.190
   III = CTE.191
   IV = CTE.192

Prerequisite:
Grade Level: 912 Max Credits: 2.0
Credit Value: 0.5 Grade Scale: Graded

Carpentry courses provide information related to the building of wooden structures, enabling students to gain an understanding of wood grades and construction methods and to learn skills such as laying sills and joists; erecting sills and rafters; applying sheathing, siding, and shingles; setting door jambs; and hanging doors. Carpentry courses may teach skills for rough construction, finish work, or both. Students learn to read blueprints, draft, use tools and machines properly and safely, erect buildings from construction lumber, perform finish work inside of buildings, and do limited cabinet work. Carpentry courses may also include career exploration, good work habits, and employability skills.
Agriculture, Food and Natural Resources

18305  Food Product Processing  
       AG.130
Prerequisite:
Grade Level: 912  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded
Food Product Processing courses impart the knowledge and skills needed to produce and manufacture food products for the consumer market. These courses focus on food products while covering a variety of topics, such as quality selection and preservation, equipment care and sanitation, government regulations, marketing, consumer trends, and product research and development.

18505  Subsistence I - IV
       I  = AG.131
       II = AG.132
       III = AG.133
       IV = AG.134
Prerequisite:
Grade Level: 912  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded
This course examines specific topics related to natural resources - subsistence.

18504  Natural Resource Management  
       AG.135
Prerequisite:
Grade Level: 912  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded
Natural Resources Management courses combine the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife, and forests. Within the general area of natural resources management, these courses usually cover specific topics and uses, such as hunting or fishing preserves, forest production and management, wildlife preservation and human outdoor recreation.
Human Services

19051 Child Care
HUM.130
Prerequisite: Grade Level: 9-12 Max Credits: 0.5 Credit Value: 0.5 Grade Scale: Graded

Child Care courses provide students with knowledge about the physical, mental, emotional, and social growth and development of children from birth through childhood. Main topics include the fundamentals of working with infants, toddlers, and older children; providing healthy environments; evaluating child care settings; and the practices, regulations, and opportunities in the child care industry. Often, child care courses provide students with practical experience in a child care center. Advanced topics may include various learning theories; development of activities; operation of a child care center; recognition of childhood diseases, abuse, and neglect; and first aid/emergency training.

19053 Elder Care
HUM.131
Prerequisite: Grade Level: 9-12 Max Credits: 0.5 Credit Value: 0.5 Grade Scale: Graded

Elder Care courses emphasize the care of human beings as they grow older. These courses involve the study of the biological, physiological, social, and psychological needs and concerns of the elderly, and deal with the aging process, death, and dying in a realistic manner. Elder Care courses may cover work and personal habits appropriate to the field, and may also offer the opportunity to explore various careers.

19151 Teaching Profession
HUM.132
Prerequisite: Grade Level: 9-12 Max Credits: 0.5 Credit Value: 0.5 Grade Scale: Graded

Teaching Profession courses introduce students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. These courses typically expose students to and train them in classroom management, student behavior, leadership and human relations skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education.

19153 Early Childhood Education
HUM.133
Prerequisite: Grade Level: 9-12 Max Credits: 0.5 Credit Value: 0.5 Grade Scale: Graded

Early Childhood Education courses address child development, care, and education issues, so that students can guide the development of young children in an educational setting. Study typically includes planning and implementing developmentally appropriate activities, basic health and safety practices, and legal requirements for teaching young children.
Transportation Distribution & Logistics

21109 Small Vehicle Mechanics I - IV
  I  = CTE.193
  II = CTE.194
  III = CTE.195
  IV = CTE.196

Prerequisite:
Grade Level: 9-12  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded

Small Vehicle Mechanics courses equip students with the knowledge and skill to repair and maintain engines in small vehicles (e.g., motorcycles, all-terrain vehicles, snowmobiles, and mopeds). Topics include (but are not limited to) maintaining frames and suspension, wheels and brakes, and drive trains; servicing fuel, exhaust, and electrical systems; performing tune-ups; and maintaining and repairing engines. Students may also learn safety on the job, employability skills, and entrepreneurship.

20054 Boat Operation
CTE.201

Prerequisite:
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded

Boat Operation courses typically cover operation and maintenance of marine vehicles, marine navigation, and emergency procedures, as well as other skills necessary or useful for work or life at sea (e.g., loading and unloading or cooking). Specific topics may include docking and undocking a vessel, engine maintenance, commercial fishing, fire fighting aboard ship, and CPR.

20053 Aviation Ground School
CTE.202

Prerequisite:
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded

Aviation courses provide students with an understanding of the science of flight and typically include the history, regulations, and possible career paths within the aviation industry. Aviation courses usually cover physics, the relationships of weight and balance, principles of navigation and flight control, ground and airport operations and services, and Federal Aviation Agency regulations.
The content of Marine Mechanics courses includes the service and repair of electrical, mechanical, power transfer, hydraulic, fuel, and cooling systems as applied to boat and/or ship engines; boat rigging; trailers; and marine-related merchandise. Courses may also cover communication, human relations, and employability skills, as well as safe, efficient work practices.

**College & Career Readiness**

**Study Skills I - IV**

Prerequisite:

Grade Level: 9-12  Max Credits: 2.0

Credit Value: 0.5  Grade Scale: Graded

Study Skills courses prepare students for success in high school and/or for postsecondary education. Course topics may vary according to the students involved, but typically include reading improvement skills, such as scanning, note-taking, and outlining; library and research skills; listening and note-taking; vocabulary skills; and test-taking skills. The courses may also include exercises designed to generate organized, logical thinking and writing.

**Tutorial I - IV**

Prerequisite:

Grade Level: 9-12  Max Credits: 2.0

Credit Value: 0.5  Grade Scale: Graded

Tutorial courses provide students with the assistance they need to successfully complete their coursework. Students may receive help in one or several subjects.

**Leadership I - IV**

Prerequisite:

Grade Level: 9-12  Max Credits: 1.0

Credit Value: 0.5  Grade Scale: Graded

Leadership courses are designed to strengthen students’ personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.
22151  Intro to Career Pathways  
CCR.147

Prerequisite:
Grade Level: 912  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded
Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. These courses expose students to various sources of information on career and training options and may also assist them in developing job search and employability skills.

22995  Classroom Aide I - IV  
I  = CCR.149  
II  = CCR.150

Prerequisite:
Grade Level: 912  Max Credits: 1.0
Credit Value: 0.5  Grade Scale: Graded
Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students.

22207  Self Management I - IV  
I  = CCR.153  
II  = CCR.154  
III  = CCR.155  
IV  = CCR.156

Prerequisite: Students on IEP only
Grade Level: 912  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded
Self-Management courses introduce students to the skills and strategies helpful in becoming more focused, productive individuals. These courses typically emphasize goal-setting; decision-making; managing time, energy, and stress; and identifying alternatives and coping strategies. They may also allow students to explore various career and lifestyle choices.

22206  Life Skills I - IV  
I  = CCR.157  
II  = CCR.158  
III  = CCR.159  
IV  = CCR.160

Prerequisite: Students on IEP only
Grade Level: 912  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded
Life Skills courses provide students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. These courses often emphasize such topics as goal-setting, decision-making, and setting priorities; money and time management; relationships; and the development of the self. Practical exercises regarding selecting and furnishing houses, meeting transportation needs, preparing food, selecting clothing, and building a wardrobe are often integral to these classes. In addition, specific topics such as insurance, taxation, and consumer protection may also be covered.

22997  Independent Study I  
CCR.161

Prerequisite:
Grade Level: 912  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded
Independent Study courses, typically organized as a mentorship with a teacher or outside professional, enable students to conduct investigations related to their field(s) of interest. Note: if the particular subject area is known, use the code associated with the Independent Study course within that subject area.
Independent Study II

CCR.162

Prerequisite:
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded

Independent Study courses, typically organized as a mentorship with a teacher or outside professional, enable students to conduct investigations related to their field(s) of interest. Note: if the particular subject area is known, use the code associated with the Independent Study course within that subject area.

Work Study I - IV

I  = CCR.163
II = CCR.164
III = CCR.165
IV = CCR.166

Prerequisite:
Grade Level: 9-12  Max Credits: 2.0
Credit Value: 0.5  Grade Scale: Graded

Workplace Experience courses provide students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

Family and Consumer Science I

CCR.167

Prerequisite:
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded

Family and Consumer Science—Comprehensive courses are inclusive studies of the knowledge and skills that are useful for the efficient and productive management of the home. Course topics typically include foods and nutrition; clothing; child development and care; housing design, decoration, and maintenance; consumer decisions and personal financial management; and interpersonal relationships.

Family and Consumer Science II

CCR.168

Prerequisite:
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded

Family and Consumer Science—Comprehensive courses are inclusive studies of the knowledge and skills that are useful for the efficient and productive management of the home. Course topics typically include foods and nutrition; clothing; child development and care; housing design, decoration, and maintenance; consumer decisions and personal financial management; and interpersonal relationships.
NACTEC Courses

ALLIED HEALTH STRAND:

**Introduction to Health Field:** This course provides an introduction to basic knowledge and skills required for healthcare professionals. Topics include: Basic Life Support for HealthCare Providers, First Aid, Anatomy and Function, Vital Signs, Introduction to Medical Math, Report Writing and Confidentiality. Medic First Aid certification attainment is available in this course. *This is a dual credit course offering through UAF-NWC. This is a two-week course* taught by adjunct personnel, Norton Sound Health Corporation.

**Emergency Trauma Technician:** This course will provide basic emergency care knowledge and skills for the student who will provide first emergency care. The objective of the first person on the emergency scene is to recognize the needs of the victim and deliver quality care to the patient, minimizing discomfort and preventing further complications. *This is a dual credit course offering through UAF-NWC. This is a two-week course* taught by adjunct personnel, Norton Sound Health Corporation.

**Pre-session/ETT (Health Aide):** This course is the precursor training for all village health aides. This course is intended for Juniors and Seniors. Students will earn their Emergency Trauma Technician training certificate and learn other prerequisite health aide training information from adjunct personnel, and other Norton Sound Health Corporation professionals.

**Certified Nursing Assistant:** This course is intended for graduating seniors who have demonstrated an interest in the healthcare field. Students complete two weeks of coursework at UAF-NWC in Nome, and then complete two weeks of hands-on practicum training at NSHC Quyanna Care Center. Successful completion of the state CNA exam will result in trainees,18 years of age and older, being able to enter the workforce. *This is a dual credit course offering through UAF-NWC. This is a four-week course* taught by Cathy Winfree of UAF.

BUSINESS & MARKETING STRAND:

**Professionalism In The Workplace:** Students will learn skills to ensure success for the professional secretary, receptionist, medical worker and other fields. This includes interview skills, business manners, customer service, and dressing for success. *This is a dual credit course offering through UAF-NWC. This is a two-week course* taught by NACTEC Staff.

**Native Arts/Business:** Students will learn the skills and techniques of bone carving and what it takes to manage your own business. A regional artist will teach students how to carve and/or create Native Art. The NACTEC teacher will lead small business operations related instruction. *This is a dual credit course offering through UAF-NWC. This is a two-week course* team-taught by NACTEC Staff, and a skilled Native Artist bone carver.

**Native Arts/Marketing:** Students will learn the skills and techniques of skin sewing and how to successfully market a product to a worldwide audience. A regional artist will teach students how to cut patterns, sew marine and land mammal skins, and how to bead. The NACTEC teacher will lead marketing related instruction to reach a global audience. *This is a dual credit course offering through UAF-NWC. This is a two-week course* team-taught by NACTEC Staff, and a skilled Native Artist skin sewer.

**Business Entrepreneurship:** Students will have the opportunity to explore ideas on starting their own business. Through this course students learn the process of how to set up, operate and manage a small business and understand the structure of businesses and its relation to the economic system. *This is a dual credit course offering through UAF-NWC. This is a four-week course* taught by NACTEC Staff and a skilled artisan.

**Small Business Grant Writing:** Using the NSEDC Small Business Initiative grant program as a guide, students will explore business plan options, conduct a needs assessment, develop a budget, and complete a grant application. Guest speakers will include past successful grantees that will assist students with bringing their small business concept to fruition in the form of a completed grant application. *This is a dual credit course offering through UAF-NWC. This is a two-week course* taught by NACTEC Staff.
CONSTRUCTION STRAND:

**Facility Maintenance Introduction/Interior Repairs:** This course will provide students with basic safety instruction of hand/power tool and chemical use in the facilities maintenance occupation in accordance with Federal OSHA regulations. This course will provide students with basic knowledge of wall repair (removing, replacing, texturing, and painting). Students will learn how to use proper tools in restoring drywall; they will use these tools and learn concepts in applying trim to ceilings, walls, and door frames. Students will have face-to-face instruction and application in selecting, cutting, and fastening trim, removing and replacing damaged windows, replacing opening/closure mechanisms, and in reapplying trims and paintings. *This is a dual credit course offering through UAF-NWC.* This is a **two-week course** taught by NACTEC Staff.

**Facility Maintenance- Plumbing Tools & Drawings, Plastic & Copper Pipe and Fittings:** Introduction to plumber’s basic hand and power tools. Includes the basics of reading plumbing blueprints and drawings. Introduction to the various types of plastic and copper pipe used in the plumbing industry. Includes various methods of joining plastic and copper pipe and a variety of fittings commonly found in commercial and residential dwellings. *This is a dual credit course offering through UAF-NWC.* This is a **two-week course** taught by Cliff McHenry, an independent contractor.

**NCCER Construction Technology Core/Residential:** This course introduces basic construction techniques using OSHA approved standards by stressing how to follow safe work practices and procedures, how to safely use hand and power tools, and how to extract information from construction drawings. *This is a dual credit course offering through UAF-NWC.* This is a **three-week course** taught by NACTEC Staff.

**Heavy Equipment:** Students will complete work in an eight-machine Caterpillar Heavy Equipment Simulator Center. Digital portfolios will track training and skill development. Guest speakers and visits to worksites to investigate heavy equipment usage will be integrated into the training. Students will learn heavy equipment and diesel mechanic maintenance and repair skills. This is a **two-week course** taught by NACTEC Staff.

**Renewable Energy:** Students will learn how to become energy efficient by “going green.” They will learn how to generate electricity with wind, geothermal, solar, and tidal options. Students will network with professionals in the field and tour Nome’s wind farm and potentially fabricate their own 1kw wind generator. This is a **two-week course** taught by NACTEC Staff.

**Welding: Shielded Metal Arc Welding (SMAW):** This course provides skill building and hands-on training in Shielded Metal Arc Welding (SMAW or Stick). This course is part of WMT F103 Welding I, a three-credit course. It has been broken down into three separate one-credit modules, WMT F193 Shielded Metal Arc Welding and WMT F193 Oxy Fuel Welding, will be offered at other times. Students who successfully complete all three Modules at NACTEC will be eligible to petition to have these three modules replaced by WMT F103 on their transcripts. This is a **two-week course** taught by NACTEC Staff.

**Welding: Gas Metal Arc Welding (GMAW)/Metal Fabrication:** This course prepares students for structural welding. Gas Metal Arc Welding focuses on ferrous metals. This course is part of WMT F103 Welding I, a three-credit course. It has been broken down into three separate one-credit modules, WMT F193 Shielded Metal Arc Welding and WMT F193 Oxy Fuel Welding, will be offered at other times. Students who successfully complete all three Modules at NACTEC will be eligible to petition to have these three modules replaced by WMT F103 on their transcripts. This is a **two-week course** taught by NACTEC Staff.

FISHERIES & SEAFOOD STRAND:

**Arctic Survival:** Students will learn how to put together a survival pack, dress properly for weather extremes, and recognize and treat various cold weather injuries. Students will also discuss and illustrate building both snow shelters and thermal shelters that can be constructed during summer months. Life-saving skills on land and water will be developed with AMSEA’s Surviving Outdoor Adventures curriculum. *This is a dual credit course offering through UAF-NWC.* This is a **two-week course** taught by NACTEC Staff.

**Fisheries, Seafood, Maritime Industries:** Students explore career pathways and certification elements while earning some entry-level certificates and beginning documentation. Fisheries Biology, Boating and Water Safety and Survival, Commercial Fishing and Traditional Fishing Skills, Small Marine Engines and Engine Systems, Navigation and Introductory Nautical Skills offer students a variety of experiences to help determine their needs and desires for further training in more specialized areas. This is a **two-week course** taught by NACTEC Staff.
**Outdoor Leadership/Guiding:** This course teaches basic skills and sets high standards for safety and risk management for outdoor activities. Client expectations as introduced in “Introduction to Guiding” and basic business management skills will be explored and practiced. Areas of focus and practice include: Wilderness First Aid, Map Interpretation and GPS Navigation, Search and Rescue, Camping/Backpacking, and Big Game Guiding. A Wilderness First Aid certificate can be earned in this course. This is a **two-week course** taught by NACTEC Staff.

**HOSPITALITY & TOURISM STRAND:**

**Culinary Arts:** In this course, students learn valuable skills for working in the foodservice industry. Students participate in a variety of laboratory settings introducing cooking methods, the importance of ingredients, tools and equipment in the kitchen, food safety, sanitation and healthy eating. This is a **dual credit course offering through UAF-NWC.** This is a **two-week course** taught by an independent contractor and culinary professional.

**Food Service:** This course provides students the opportunity to explore careers in the foodservice and hospitality industries. Students receive food safety instruction through the nationally certified ServSafe Program and have opportunity to earn their ServSafe Food Manager certification. Students operate commercial kitchen equipment and participate in day-to-day operations of the hospital services nutrition department. This is a **dual credit course offering through UAF-NWC.** This is a **two-week course** taught by Pat Owens of NSHC.

**TRANSPORTATION STRAND:**

**Aviation I - Intro to Flight:** This course exposes students to everything in the aviation industry from maintaining engines, fueling and loading to actually flying the airplane. Tours of the local airlines are included. As students explore flight principles, they will begin the rebuild of a 1962 Piper Colt through the Build-a-Plane program. This is a **two-week course** taught by NACTEC Staff; to be joined by an FAA-certified A&P mechanic and Authorized Inspector.

**Aviation II - Powerplant:** Students enrolled in this course will focus efforts on the powerplant rebuild of a 1962 Piper Colt. Students will gain valuable hands-on experience as they work aside a licensed Airframe and Powerplant mechanic in areas of power plant maintenance that may include: inspection, instrument systems, electrical systems, lubrication systems, ignition systems, fuel systems, cooling systems, exhaust systems, and propellers. This is a **two-week course** taught by NACTEC Staff; to be joined by an FAA-certified A&P mechanic and Authorized Inspector. **No prerequisite required.**

**Aviation III – Airframe:** Students enrolled in this course will focus efforts on rebuilding the airframe of a 1962 Piper Colt. Students will gain valuable hands-on experience as they work aside a licensed Airframe and Powerplant mechanic in areas of airframe maintenance that may include: inspection, structures—steel tube fuselage and aluminum frame wing, fabric covering, finishes, welding, fasteners, assembly and rigging. This is a **two-week course** taught by NACTEC Staff; to be joined by an FAA-certified A&P mechanic and Authorized Inspector. **No prerequisite required.**

**Driver’s Education I - Permit:** This course provides students with both hands-on driving experience and classroom instruction. NACTEC instructors work closely with the Alaska Department of Motor Vehicles (DMV) to guide students through the process of obtaining their State of Alaska learner’s permit. This is a **dual credit course offering through UAF-NWC.** This is a **two-week course** taught by NACTEC Staff.

**Driver’s Education II – License:** This course will prepare students to pass the State of Alaska road test to obtain either their provisional driver’s license or Class D driver’s license. The prerequisite is that students must first have earned their learner’s permit. **This is a dual credit course offering through UAF-NWC.** This is a **two-week course** taught by NACTEC Staff.

**ATV/Snowmachine Maintenance & Repair:** This course teaches fundamental maintenance and repair skills. Topics covered include engine tune-up, lubrication, clutch and belt repair, drivetrain troubleshooting, track repair, alignment, along with other basic repairs and safe shop operations. This is a **dual credit course offering through UAF-NWC.** This is a **two-week course** taught by NACTEC Staff.

**Automotive Maintenance:** Students will learn basic safety, automotive hand tools, and on-board diagnostics while servicing vehicles. Hands-on training with troubleshooting and diagnostics of fuel systems, electrical systems will be performed during tune-ups. Lubrication, fluids, tire rotation and balancing will all be practiced. This is a **two-week course** taught by NACTEC Staff.
Small Engine Repair: This course provides troubleshooting, maintenance and basic repair skills for snow machines, four wheelers, single cylinder engines, four stroke engines and when possible, automobiles. This is a dual credit course offering through UAF-NWC. This is a two-week course taught by NACTEC Staff.

CAREER EXPLORATION STRAND:

Freshmen Transitions Camp: This course is offered once a year in May for 8th grade students who have successfully completed a NACTEC Jr. High Career Exploration course the same year. Hands-on practice, exposing students to many different NACTEC two-week high school training programs is the focus. Certification attainment is a focus, with students having all Department of Motor Vehicles required paperwork to get a State of Alaska I.D. This is a non-credit course.

AVTEC Transitions/Anchorage College Fair: Students will travel to Anchorage for the Anchorage College and Career Fair. An extended visit to AVTEC with full day exposure and participation in AVTEC programming is a highlight of this training program. Prerequisite is successful completion of a Sept./Oct. NACTEC high school training program (for 11th or 12th grade students ONLY). This is a one-week course facilitated by NACTEC staff.

Careers in Education: Students are exposed to a diverse array of Careers in Education to include: Teacher Aide, Librarian, Educational Technologist, Teacher, Principal, and Superintendent. Guest speakers will share experiences and job training/education requirements for each position. Students will complete a job shadow experience at Nome Elementary School or the Kawerak, Inc. Head Start program. Students will develop a lesson plan, read to elementary students, and participate in a school bus ride-along program. This is a two-week course taught by NACTEC Staff.

Careers in the Military: This course will expose students to careers in the U.S. Army, Navy, Air Force, Marines, and Coast Guard. All sophomore, junior, and seniors will complete the Armed Services Vocational Aptitude Battery (ASVAB) assessment during this course. National Guard and Reserve training options, G.I. Bill benefits for education and training, as well as skill attainment via military training will be emphasized. This is a two-week course taught by Doug Walrath, a Gulf War veteran, and NACTEC Director.

STEM Enrichment Camp: Developing an awareness of Science, Technology, Engineering and Math relevance in real world applications will be achieved through extensive fieldwork experiences. Students will explore careers and jobs that involve math, science, and participate in challenges created by instructors to increase awareness of mathematical applications across career fields. Hands-on activities will be highlighted to engage student interest and multiple learning modalities. This is a dual credit course offering through UAF-NWC. This is a two-week course taught by UAF-NWC faculty.

Video Technology: Students learn digital video editing skills during pre-production (planning), production, and post-production using Final Cut Pro Express software. Students explore career opportunities in video technology while producing a video project. This is a dual credit course offering through UAF-NWC. This is a two-week course taught by NACTEC Staff.
## Academic Advising Form

* = District Recommended Course

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<th>Year Grade</th>
<th>Freshman</th>
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<th>Junior</th>
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<td><strong>English Language Arts (4 cr.)</strong></td>
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<td>ELA</td>
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Edgenuity
Class Enrollment Form

Prior to being enrolled in an Edgenuity course, a meeting must take place and should consist of the student, parent/guardian, teacher of record, and principal. A signature from each team member is required.

- The maximum Edgenuity high school credit bearing courses to be enrolled in at the same time is one.
- If a student chooses to withdraw from a course, this must take place within two weeks from the time of enrollment. Students who withdraw after the two-week-time frame will receive an “F” for the quarter.
- Students must be finished with semester classes by the end of the grading period. Students who do not complete the course, but are approved for an incomplete, will have 30 school days to complete the course, or the grade for the course will be an “F.”
- It must be determined that the student possesses adequate prerequisite skills for the class that the student is to be enrolled in as determined by prior courses and leadership team consensus.

**Note: Extemating circumstances may arise that would warrant alterations of the above-mentioned criteria. These decisions will be approved by the director of curriculum.**

Edgenuity course(s) being considered:

<table>
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<tr>
<th>Course Name</th>
<th>Approved</th>
<th>Not Approved</th>
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</table>

By signing this form, I am stating that I do understand and will comply with the above conditions.

Student Printed Name       Grade       Site       Student Signature

Parent/Guardian Printed Name       Parent Signature

Teacher of Record Printed Name       Teacher of Record Signature

Principal Printed Name       Principal Signature       Date

Is This a Credit Recovery Course?: Yes____ No_____
BSSD Distance Learning
Course Accountability Form

Bering Strait School District offers funding and support for distance-based courses for high school students. These courses are provided by different content providers (universities and online schools). They each have their own set of policies, tuition rates, and materials fees so costs vary from course to course.

Students enrolled in distance learning courses are expected to know and follow all policies of the content provider(s) and complete all assignments. Students are also responsible for communicating with their “Teacher of Record” on site in order to receive BSSD credit for distance courses.

By signing below, I acknowledge my responsibilities as a distance learning STUDENT and commit to complete all assignments and share outcomes with my Teacher of Record:

Student Name (printed): ____________________________

Student Signature: ____________________________ Date: ____________________________

Course Name: ____________________________ Content Provider: UAF/NWC

Tuition: $ ____________ Materials: $ ____________

Course Dates ____________________________ Meeting Times: ____________________________

By signing below, I acknowledge my child’s commitment and that I may be held financially responsible if he/she defaults:

Parent/Guardian Name (printed): ____________________________

Parent/Guardian Signature: ____________________________ Date: ____________________________
### BSSD Academic Review For UAF Northwest Campus Course

| **Student is a junior or senior on track to graduate according to the academic advising form.** |
| **Student passed all classes with a “C” the semester prior to UAF Northwest Campus registration.** |
| **Student and parent have signed the BSSD distance learning course accountability form.** |
| **A teacher of record has been assigned to/scheduled for the student and will provide academic support to the student as well as enter grades in PowerSchool.** |

**Teacher of Record**

____________

**Date**

______________________________

**Principal**

____________

**Date**

______________________________

**Approval By Director of Curriculum & Instruction**

______________________________

**Date**

______________________________
SECONDARY STUDENT PARENT/GUARDIAN AGREEMENT

The secondary student registration process at the University of Alaska Fairbanks requires parents/guardians of secondary students to agree to these terms. This agreement identifies some of the issues encountered by secondary students, but should in no way be considered comprehensive. This agreement needs to be completed once for any student who is under 18 & who has not graduated high school attending the University of Alaska Fairbanks.

As a parent/guardian of the above secondary student, I understand and agree that:

- University work is much more rigorous and less guided than secondary course work. Adult themes and diverse perspectives are essential to University materials and discourse.
- The student must meet the prerequisites of the course or courses in which they want to enroll.
- A secondary student who registers in University courses is fully responsible for complying with all policies and procedures of the University. This includes being aware of and adhering to the University Student Code of Conduct and payment deadlines.
- It is the student's responsibility to contact their high school counselor before enrolling at UAF if they want to use university credit to meet high school requirements.
- Courses taken will establish an official university transcript. This may impact future admissions, financial aid eligibility and/or ability to graduate with honors.
- Regardless of age, FERPA rights are transferred to the student upon registration. Parents/Guardians will not be able to access student records without a valid FERPA Release Form on file with the University.
- If a student decides to no longer attend a course, they must complete an Add/Drop Form to drop or withdraw from that course. Failure to do so may result in a failing grade and/or financial obligations including late fees.

I affirm that the information I have provided on this form is true and that I am in agreement with any additional charges that may be added to my account resulting from the above selections. I agree to pay all current semester charges, including but not limited to tuition, fees, housing, meal plan charges, and any additional fees on this form. I promise to pay attorney’s fees and other reasonable collection costs, which may be based on a percentage at a maximum of 40% of the debt, necessary for the collection of any amounts owed to University of Alaska. If I do not pay, the university may take my Permanent Fund Dividend under Alaska Statutes 14.40.251 and 43.23.073 and pursue other collection methods.

Parent/guardian name

Student name

UAF ID or social security number

Birthdate

Parent/guardian signature

Date 11/2015

Birthdate

Social security number