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</table>
# Bering Strait School District Graduation Requirements

Students will receive a Bering Strait School District diploma after acquiring the minimum of 21 credits.

<table>
<thead>
<tr>
<th>Language Arts</th>
<th>4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Literature (1054)</td>
<td>1 credit</td>
</tr>
<tr>
<td>World Literature (1058)</td>
<td>1 credit</td>
</tr>
<tr>
<td>Language Arts Elective</td>
<td>1 credit</td>
</tr>
<tr>
<td>Language Arts Elective</td>
<td>1 credit</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Studies</th>
<th>3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern US History (4103)</td>
<td>1 credit</td>
</tr>
<tr>
<td>Modern World History (4053)</td>
<td>1 credit</td>
</tr>
<tr>
<td>Alaska History (4105)</td>
<td>0.5 credits</td>
</tr>
<tr>
<td>US Government (4151)</td>
<td>0.5 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics</th>
<th>3 credits</th>
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</table>

<table>
<thead>
<tr>
<th>Science</th>
<th>2 credits</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Health/Physical Education</th>
<th>1 credit</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Electives</th>
<th>8 credits</th>
</tr>
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For more information, refer to the academic advising forms located on pages 62-66 in this document. Please contact the Director of Curriculum and Instruction for any additional questions or concerns.
Attendance

AS 14.30.010. When Attendance Compulsory.

(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/iglcintr/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.

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. The BSSD grading system ensures that the student, teacher, and parents 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, behavior and homework should not 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, are in violation of the tobacco rule, or are in violation 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 aid within six years of high school graduation. For information on qualifying for the APS please see your school counselor or administrator. A list of district approved APS courses is available on pages 60-61 of this document.

Distance Education Courses

With the approval of site administration, a student may choose to take a course via distance education. There are multiple platforms for students to take distance education courses. These include Northwest Campus/UAF, Compass Learning Odyssey, and Alaska Learning Network (AKLN). 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
Northwest Campus/UAF Distance Delivery Courses

Courses provided by Northwest Campus are supported by Bering Strait School District. A student must have approval from the site administrator. Students may be required to take a placement assessment prior to enrollment in the course. These courses are designed to offer college-level rigor to students. Each student who is successful in completing a Northwest Campus course will receive dual credit (BSSD Credit and College Level Credit). See pages 56-59 for the required forms. Submit forms to BSSD distance learning facilitator.

19151 Teaching Profession (Semester 1)

Prerequisite: HUM.132

Grades:

Level: 912 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.

19151 Human Relations (Semester 1)

Prerequisite: CCR.173

Grades:

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

ABUS F154 Human Relations (3 UAF credits)

Get the inside scoop on secrets of workplace success in this course! In fact, skills and information learned in this course can help you a great deal in high school, college, and family life as well. Students will learn about attitudes, communication styles, motivation, interacting with others, resolving conflicts, team building, and becoming a leader. Supervisors and other leaders need to know how to keep their workers interested and engaged in their efforts. Relationship-building and good communication are key to a happy, creative and successful team—whether at work, at school, or at home. Learn more in this class!
19151  Office Procedures (Semester 2)
CCR.174
Prerequisite:  Academic Screening
Grade Level: 912  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded

ABUS F182 Office Procedures (3 UAF credits)

Learn skills needed to be an awesome administrative assistant in this course! You'll learn about getting organized, teamwork on the job, communication at work, giving presentations, planning meetings and events, managing office records, managing electronic records and arranging travel, understanding financial documents, banking, employment procedures, managing your time and workload, and more.

Northwest Campus/UAF Dual Credit Courses Offered in FY’18

1149  Writing Across the Content (Semester 2)
ELA.162
Prerequisite:  Placement Test
Grade Level: 912  Max Credits: 0.5 (Dual Credit)
Credit Value: 0.5  Grade Scale: Graded

ENGL F111X NWC/UAF includes instruction and practice in written inquiry and critical reading. Introduction to writing as a way of developing, exploring and testing ideas. Concentration on research methods and techniques. Available via Independent Learning. APS
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
These following courses are designed for students seeking original credit that are not offered at their site, for students who seek advancement, and for students who are unable to participate in a regular classroom situation. A letter grade will be awarded to a student who successfully completes all of the course chapters.

Science
3008 Earth/Space Science
3051 Biology
3101 Chemistry
3151 Physics
3159 Physical Science

Social Studies
4051 World History
4103 U.S. History II
4151 U.S. Government

English
1001 English I
1002 English II
1003 English III
1004 English IV

Math
2051 Pre-Algebra
2052 Algebra I
2056 Algebra II
2072 Geometry
2110 Pre-Calculus
2103 Trigonometry

Edgenuity Approved Elective Courses
Please visit the link below to see the spectrum of curriculum offerings for elective courses.
https://www.edgenuity.com/course-lists/edgenuity-course-list.pdf
How To Read a Course Description

1054 American Literature ELA.111

**PowerSchool Identifiers**

The first two digits indicate the grade. For example, 111 is typically an 11th grade course.

1054 American Literature ELA.111

1061 Greek Mythology ELA.131

**Course Number**

1054 American Literature

**Course Prerequisites**

912 = grades 9 through 12

**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

**Credit Value:** 1.00

**Prerequisite:**

Grade Level: 912

**Max Credits:** 1.00

**Maximum Number of credits a student can accumulate in course.**

**Grading Scale**

Graded or Pass/Fail

**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

**APS = Approved for Alaska Performance Scholarship Eligibility**

**Updated April 2017**
# English Language Arts (ELA) Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1065</td>
<td><strong>SpringBoard General Literature 9</strong>&lt;br&gt;ELA.151</td>
</tr>
<tr>
<td></td>
<td><strong>Prerequisite:</strong> <strong>SpringBoard General Literature 9</strong>&lt;br&gt;Grade Level: 9-12</td>
</tr>
<tr>
<td></td>
<td>Max Credits: 1.0</td>
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<tr>
<td></td>
<td><strong>Credit Value:</strong> 1.0</td>
</tr>
<tr>
<td></td>
<td><strong>Grade Scale:</strong> Graded</td>
</tr>
<tr>
<td></td>
<td>In this general literature course (a balanced focus on literature, grammar,</td>
</tr>
<tr>
<td></td>
<td>vocabulary, and composition.) students will use selected literature to</td>
</tr>
<tr>
<td></td>
<td>explore different themes from several points of view. Students will improve</td>
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<tr>
<td></td>
<td>their critical-thinking skills as they determine the underlying assumptions</td>
</tr>
<tr>
<td></td>
<td>and values within the selected works and as they understand how the</td>
</tr>
<tr>
<td></td>
<td>literature reflects the society of the time. Oral discussion is an integral</td>
</tr>
<tr>
<td></td>
<td>part of literature courses. <a href="https://www.beringstrait.k12.ak.us">APS</a></td>
</tr>
<tr>
<td>1058</td>
<td><strong>SpringBoard World Literature 10</strong>&lt;br&gt;ELA.152</td>
</tr>
<tr>
<td></td>
<td><strong>Prerequisite:</strong> <strong>SpringBoard General Literature 9</strong>&lt;br&gt;Grade Level: 9-12</td>
</tr>
<tr>
<td></td>
<td>Max Credits: 1.0</td>
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<tr>
<td></td>
<td><strong>Credit Value:</strong> 1.0</td>
</tr>
<tr>
<td></td>
<td><strong>Grade Scale:</strong> Graded</td>
</tr>
<tr>
<td></td>
<td>The World Literature course offers a balanced focus on literature, grammar,</td>
</tr>
<tr>
<td></td>
<td>vocabulary, and composition. Students will use representative literature</td>
</tr>
<tr>
<td></td>
<td>selections from ancient and/or modern times from countries around the</td>
</tr>
<tr>
<td></td>
<td>world. Students improve their critical-thinking skills as they comprehend</td>
</tr>
<tr>
<td></td>
<td>the diversity of literary traditions and the influences of those traditions.</td>
</tr>
<tr>
<td></td>
<td>Oral discussion is an integral part of literature courses. [APS](https:// <a href="http://www.beringstrait.k12.ak.us">www.beringstrait.k12.ak.us</a>)</td>
</tr>
<tr>
<td>1054</td>
<td><strong>SpringBoard American Literature 11</strong>&lt;br&gt;ELA.153</td>
</tr>
<tr>
<td></td>
<td><strong>Prerequisite:</strong> <strong>SpringBoard Literature 9 and 10</strong>&lt;br&gt;Grade Level: 9-12</td>
</tr>
<tr>
<td></td>
<td>Max Credits: 1.0</td>
</tr>
<tr>
<td></td>
<td><strong>Credit Value:</strong> 1.0</td>
</tr>
<tr>
<td></td>
<td><strong>Grade Scale:</strong> Graded</td>
</tr>
<tr>
<td></td>
<td>The American Literature course offers a balanced focus on literature,</td>
</tr>
<tr>
<td></td>
<td>grammar, vocabulary, and composition. Students learn about commonly known</td>
</tr>
<tr>
<td></td>
<td>American authors and their work. Students improve their critical-thinking</td>
</tr>
<tr>
<td></td>
<td>skills as they determine the underlying assumptions and values within the</td>
</tr>
<tr>
<td></td>
<td>selected works and as they understand how the literature reflects the</td>
</tr>
<tr>
<td></td>
<td>society of the time. Oral discussion is an integral part of literature</td>
</tr>
<tr>
<td></td>
<td>courses, and written compositions are often required. <a href="https://www.beringstrait.k12.ak.us">APS</a></td>
</tr>
<tr>
<td>1054</td>
<td><strong>SpringBoard British Literature 12</strong>&lt;br&gt;ELA.154</td>
</tr>
<tr>
<td></td>
<td><strong>Prerequisite:</strong> <strong>SpringBoard Literature 9, 10, and 11</strong>&lt;br&gt;Grade Level: 9-12</td>
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<tr>
<td></td>
<td>Max Credits: 1.0</td>
</tr>
<tr>
<td></td>
<td><strong>Credit Value:</strong> 1.0</td>
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<tr>
<td></td>
<td><strong>Grade Scale:</strong> Graded</td>
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<tr>
<td></td>
<td>British Literature offers a balanced focus on dramatic plays and literary</td>
</tr>
<tr>
<td></td>
<td>critics. Students will focus on well-known authors from 1700 to present.</td>
</tr>
<tr>
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<td>A variety of poetry, short stories, plays, and novels will lay the premise</td>
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<td>for learning. Oral discussion is an integral part of literature courses, and</td>
</tr>
<tr>
<td></td>
<td>written compositions will be required. <a href="https://www.beringstrait.k12.ak.us">APS</a></td>
</tr>
<tr>
<td>1063</td>
<td><strong>Alaskan Literature</strong>&lt;br&gt;ELA.101</td>
</tr>
<tr>
<td></td>
<td><strong>Prerequisite:</strong></td>
</tr>
<tr>
<td></td>
<td>Grade Level: 9-12</td>
</tr>
<tr>
<td></td>
<td>Max Credits: 1</td>
</tr>
<tr>
<td></td>
<td><strong>Credit Value:</strong> 1</td>
</tr>
<tr>
<td></td>
<td><strong>Grade Scale:</strong> Graded &amp; P/F</td>
</tr>
<tr>
<td></td>
<td>The Alaska Literature course offers a balanced focus on literature, grammar,</td>
</tr>
<tr>
<td></td>
<td>vocabulary, and composition. Students determine the underlying assumptions</td>
</tr>
<tr>
<td></td>
<td>and values within the selected works; study how the literature reflects the</td>
</tr>
<tr>
<td></td>
<td>land, society, and history of the region; and may study the influence of</td>
</tr>
<tr>
<td></td>
<td>this literature on others. Oral discussion is an integral part of literature</td>
</tr>
<tr>
<td></td>
<td>courses. <a href="https://www.beringstrait.k12.ak.us">APS</a></td>
</tr>
</tbody>
</table>
opportunities

The Grade Max Composition as English/Composition Reinforcing Credit Grade Level: 9-12 Max Credits: 0.5 Credit Value: 0.5 Grade Scale: Graded & P/F Focusing on Greek Mythology, students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genre being studied. Oral discussion is an integral part of these genre-oriented courses, and written compositions are often required.

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 strategic Reading course is intended to improve a student’s vocabulary, critical-thinking and analysis skills, or reading rate and comprehension level. 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 strategic Reading course is intended to improve a student’s vocabulary, critical-thinking and analysis skills, or reading rate and comprehension level. 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 strategic Reading course is intended to improve a student’s vocabulary, critical-thinking and analysis skills, or reading rate and comprehension level. National Geographic-Edge Level C curriculum will be used to facilitate this course.

1102 Composition I
ELA.134
Prerequisite:
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded
Reinforcing the logic and critical-thinking skills that accompany good writing, these courses—which emphasize word choice, usage, and writing mechanics—provide continued and advanced instruction in writing for a variety of purposes and audiences. English/Composition (juniors and seniors) courses may emphasize college or business preparation; literature study may be offered as an additional component in which students analyze examples of several genres. APS

1103 Composition II
ELA135
Prerequisite: Composition I
Grade Level: 9-12 Max Credits: 1.00
Credit Value: 1.00 Grade Scale: Graded
The Composition II course focuses on students' writing skills and develop their ability to compose different types of papers for a range of purposes and audiences. These courses enable students to explore and practice descriptive, narrative, persuasive, or expository styles as they write paragraphs, essays, letters, applications, formal documented papers, or technical reports. Although composition courses may present some opportunities for creative writing, their focus usually remains on nonfiction, scholarly, or formal writing. APS
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
Note: This is course is counted as an elective, not a ELA credit.
ELA Response to Intervention offers diagnostic and individualized instruction designed to meet struggling readers’ needs in the acquisition of the reading skills needed to be a successful in other courses.

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
Note: This is course is counted as an elective, not a ELA credit.
ELA Response to Intervention offers diagnostic and individualized instruction designed to meet struggling readers’ needs in the acquisition of the reading skills needed to be a successful in other courses.

1068   ELA Response to Intervention III
     ELA.160
Prerequisite: Approval from Director of C&I
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded
Note: This is course is counted as an elective, not a ELA credit.
ELA Response to Intervention offers diagnostic and individualized instruction designed to meet struggling readers’ needs in the acquisition of the reading skills needed to be a successful in other courses.

1068   ELA Response to Intervention IV
     ELA.161
Prerequisite: Approval from Director of C&I
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded
Note: This is course is counted as an elective, not a ELA credit.
ELA Response to Intervention offers diagnostic and individualized instruction designed to meet struggling readers’ needs in the acquisition of the reading skills needed to be a successful in other courses.

1151   Public Speaking
     ELA.140
Prerequisite:
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 1.00  Grade Scale: Graded & P/F
Public Speaking enables students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence. APS

11101  Journalism I
     ELA.141
Prerequisite:
Grade Level: 9-12  Max Credits: 2.0
Credit Value: 1.00  Grade Scale: Graded
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. APS
### 11101 Journalism II

**ELA.142**

**Prerequisite:**
- Grade Level: 9-12
- Max Credits: 2.0
- Credit Value: 1.00
- Grade Scale: Graded

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. [APS](#)

### 1155 Communications

**ELA 145**

**Prerequisite:**
- Grade Level: 912
- Max Credits: 0.5
- Credit Value: 0.5
- Grade Scale: Graded & P/F

The Communications course focuses on the application of written and oral communication skills through a variety of formal and informal experiences. The course is performance-based and emphasize effective interpersonal and team-building skills. Communications courses may also involve the study of how interpersonal communications are affected by stereotypes, nonverbal cues, vocabulary, and stylistic choices. [APS](#)

### 1001 English I

**ELA.146**

Comparable to SpringBoard General Lit. 9
- Grade Level: 9
- Max Credits: 1.00
- Credit Value: 1.00
- Grade Scale: Graded

Edgenuity English I course builds upon students’ prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, this course introduces and defines various genres of literature, with writing exercises often linked to reading selections. [APS](#)

### 1001 English II

**ELA.146**

Comparable to SpringBoard World Lit. 10
- Grade Level: 10
- Max Credits: 1.00
- Credit Value: 1.00
- Grade Scale: Graded

Edgenuity English I course builds upon students’ prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, this course introduces and defines various genres of literature, with writing exercises often linked to reading selections. [APS](#)

### 1001 English III

**ELA.146**

Comparable to SpringBoard American Lit. 11
- Grade Level: 11
- Max Credits: 1.00
- Credit Value: 1.00
- Grade Scale: Graded & P/F

Edgenuity English I course builds upon students’ prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, this course introduces and defines various genres of literature, with writing exercises often linked to reading selections. [APS](#)
1001  English IV
ELA.146
Comparable to SpringBoard British Lit. 12
Grade Level: 12  Max Credits: 1.00
Credit Value: 1.00  Grade Scale: Graded & P/F

Edgenuity English I course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, this course introduces and defines various genres of literature, with writing exercises often linked to reading selections. APS
# Mathematic Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite</th>
<th>Grade Level</th>
<th>Max Credits</th>
<th>Credit Value</th>
<th>Prerequisite</th>
<th>Grade Scale</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2051</td>
<td>Pre-Algebra</td>
<td>Approval of C&amp;I</td>
<td>9-12</td>
<td>1.00</td>
<td>Grade Scale: Graded &amp; P/F</td>
<td>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 (i.e., number theory), 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 or Holt may be used for the curriculum in this course.</td>
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</tr>
<tr>
<td>2052</td>
<td>Algebra I</td>
<td>C or higher in Big Ideas Math 8</td>
<td>9-12</td>
<td>1.00</td>
<td>Grade Scale: Graded &amp; P/F</td>
<td>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</td>
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<tr>
<td>2056</td>
<td>Algebra II</td>
<td>Algebra I &amp; Geometry</td>
<td>9-12</td>
<td>1.00</td>
<td>Grade Scale: Graded &amp; P/F</td>
<td>Algebra II course topics typically 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</td>
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<tr>
<td>2072</td>
<td>Geometry</td>
<td>Algebra I</td>
<td>9-12</td>
<td>1.00</td>
<td>Grade Scale: Graded &amp; P/F</td>
<td>Geometry emphasizing an abstract, formal approach to the study of geometry, typically includes 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</td>
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<tr>
<td>2110</td>
<td>Pre-Calculus</td>
<td>Algebra II</td>
<td>9-12</td>
<td>1.00</td>
<td>Grade Scale: Graded &amp; P/F</td>
<td>Pre-Calculus combines the study of trigonometry, elementary functions, analytic geometry, and math analysis topics as preparation for calculus. Topics typically 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; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. APS</td>
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<td></td>
</tr>
</tbody>
</table>
2121  Calculus
      MA.134
Prerequisite: Pre Calculus
Grade Level: 9-12  Max Credits: 1.00
Credit Value: 1.00  Grade Scale: Graded & P/F
Calculus includes the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis). APS

2103  Trigonometry
      MA.135
Prerequisite: Calculus
Grade Level: 9-12  Max Credits: 1.00
Credit Value: 1.00  Grade Scale: Graded & P/F
Trigonometry courses prepare students for eventual work in calculus and typically include the following topics: trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; solutions of right and oblique triangles; and complex numbers. APS

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 reinforces general math skills, and includes some pre-algebra and algebra topics, and uses these skills 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).

2994  Math Response to Intervention I
      MA.151
Prerequisite: Approval from C&I
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded
Response to Intervention Math is designed to assist students in acquiring the skills necessary to be successful in their Core Math classes.

2994  Math Response to Intervention II
      MA.152
Prerequisite: Approval from C&I
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded
Response to Intervention Math is designed to assist students in acquiring the skills necessary to be successful in their Core Math classes.

2994  Math Response to Intervention III
      MA.153
Prerequisite: Approval from C&I
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded
Response to Intervention Math is designed to assist students in acquiring the skills necessary to be successful in their Core Math classes.
2994  Math Response to Intervention IV
    MA.154
Prerequisite: Approval from C&I
Grade Level: 9-12  Max Credits: 0.5
Credit Value: 0.5  Grade Scale: Graded
Response to Intervention Math is designed to assist students in acquiring the skills necessary to be successful in their Core Math classes.

2054  Business Math I
    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. AGS Curriculum will be used in this course.

2057  Business Math II
    MA.157
Prerequisite: Business Math I
Grade Level: 9-12  Max Credits: 1.00
Credit Value: 1.00  Grade Scale: Graded
Business Math II 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. Aufmann & Lockwood Basic College Mathematics an Applied Approach will be the curriculum used in this course.

2052  ODY Algebra I
    MA.141
Prerequisite:
Grade Level: 9-12  Max Credits: 1.00
Credit Value: 1.00  Grade Scale: Graded & P/F
CompassLearning 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

2072  ODY Geometry
    MA.143
Prerequisite:
Grade Level: 9-12  Max Credits: 1.00
Credit Value: 1.00  Grade Scale: Graded & P/F
CompassLearning Geometry, emphasizing an abstract, formal approach to the study of geometry, typically includes 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
**2056**

**ODY Algebra II**

MA.144

**Prerequisite:**
Grade Level: 9-12  
Credit Value: 1.00

**Grade Level:** 9-12  
**Max Credits:** 1.00  
**Credit Value:** 1.00  
**Grade Scale:** Graded & P/F

CompassLearning Algebra II course topics typically 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**

**2110**

**ODY Pre-Calculus**

MA.146

**Prerequisite:**
Grade Level: 9-12  
Credit Value: 1.00

**Grade Level:** 9-12  
**Max Credits:** 1.00  
**Credit Value:** 1.00  
**Grade Scale:** Graded & P/F

CompassLearning Pre-Calculus combines the study of trigonometry, elementary functions, analytic geometry, and math analysis topics as preparation for calculus. Topics typically 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; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. **APS**

**2103**

**ODY Trigonometry**

MA.145

**Prerequisite:**  
Calculus

**Grade Level:** 9-12  
**Max Credits:** 1.00  
**Credit Value:** 1.00  
**Grade Scale:** Graded & P/F

Compass Learning Trigonometry prepares students for eventual work in calculus and typically includes the following topics: trigonometric and circular functions, their inverses and graphs, relations among the parts of a triangle, trigonometric identities and equations, solutions of right and oblique triangles, and complex numbers. **APS**
## Science Courses

### 3001 Earth Science
- **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. **APS**

### 3003 Environmental Science
- **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
- **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**

### 3053 Anatomy & Physiology
- **Prerequisite:** Biology
- **Grade Level:** 9-12  
- **Max Credits:** 1.00
- **Credit Value:** 1.00  
- **Grade Scale:** Graded & P/F

Anatomy and Physiology focuses on the human body and biological systems in detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous,...) and may dissect mammals. **APS**

### 3101 Chemistry
- **Prerequisite:** Algebra
- **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**

### 3151 Physics
- **Prerequisite:** Algebra II or Concurrent
- **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**
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. APS

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

4102  Early U.S. History (to 1850)  HIS.120
Prerequisite:
Grade Level: 9-12  Max Credits: 1.00
Credit Value: 1.00  Grade Scale: Graded & P/F
Early U.S. History examines the history of the United States from the colonial period to the Civil War. This course typically includes a historical overview of political, military, scientific, and social 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
The Economics course provides students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. This course may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles are presented in formal theoretical contexts, and applied contexts. 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 focuses 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 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 focuses 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 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 focuses 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 focuses particularly on the history of a particular region or may take an interdisciplinary approach to the contemporary issues affecting the region. APS

4001  World Geography
SS.141

Prerequisite:
Grade Level: 9-12  Max Credits:
Credit Value: 0.5  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
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.
5155 Drawing/Painting I - IV
   I  = FPA.163
   II = FPA.164
   III = FPA.165
   IV = FPA.166

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.

5158 Carving I - IV
   I  = FPA.167
   II = FPA.168
   III = FPA.169
   IV = FPA.170

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.

5156 Crafts I - IV
   I  = FPA.171
   II = FPA.172
   III = FPA.173
   IV = FPA.174

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

Crafts courses teach the same lessons as Creative Art—Comprehensive courses, but do so with a focus on crafts. These courses may survey a wide range of crafts, or they may focus on only one type of craft; possibilities include calligraphy, quilting, silkscreening, cake-decorating, tole-painting, mask-making, knitting, crocheting, paper-making, and so on.

5162 Graphics Design I - IV
   I  = FPA.175
   II = FPA.176
   III = FPA.177
   IV = FPA.178

Prerequisite:
Grade Level: 9-12  Max Credits: 2.0
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.
5199 Native Arts I - IV
I  = FPA.179
II = FPA.180
III = FPA.181
IV  = FPA.182
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.

5159 Ceramics I - IV
I  = FPA.183
II = FPA.184
III = FPA.185
IV  = FPA.186
Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
Credit Value: 0.5 Grade Scale: Graded
Ceramics courses focus on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

5167 Photography I - IV
I  = FPA.183
II = FPA.184
III = FPA.185
IV  = FPA.186
Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
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 Language

6101 Spanish I  
FL.130  
Prerequisite: 
Grade Level: 9-12  Max Credits: 1.0  
Credit Value: 1.0  Grade Scale: Graded  
Designed to introduce students to Spanish language and culture, Spanish I 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. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people. APS

6102 Spanish II  
FL.131  
Prerequisite: Spanish II  
Grade Level: 9-12  Max Credits: 1.0  
Credit Value: 1.0  Grade Scale: Graded  
Spanish II course builds upon skills developed in Spanish I, extending students’ ability to understand and express themselves in Spanish 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 Spanish-speaking people to deepen their understanding of the culture(s). 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

6121 French I  
FL.134  
Prerequisite:  
Grade Level: 9-12  Max Credits: 1.0  
Credit Value: 1.0  Grade Scale: Graded  
French I is designed to introduce students to French language and culture, French I 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. French culture is introduced through the art, literature, customs, and history of the French-speaking people. APS
French II

Prerequisite:
Grade Level: 9-12  Max Credits: 1.0
Credit Value: 1.0  Grade Scale: Graded
French II course builds upon skills developed in French I, extending students’ ability to understand and express themselves in French 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 French-speaking people to deepen their understanding of the culture(s). APS

Siberian Yupik I

Prerequisite:
Grade Level: 912  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

Siberian Yupik II

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

Siberian Yupik III

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

Siberian Yupik IV

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: 912  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 - IV
   I = PE.130
   II = PE.131
   III = PE.132
   IV = PE.133

Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
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: 0.5 per sport
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 0.5 credits per sport. 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 -IV
   I = PE.134
   II = PE.135
   III = PE.136
   IV = PE.137

Prerequisite:
Grade Level: 9-12 Max Credits: 2.0
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 - IV  
   I = PE.138  
   II = PE.139  
   III = PE.140  
   IV = PE.141  

Prerequisite:
Grade Level: 912  Max Credits: 2.0  
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.

8007  Adapted Physical Education I - IV  
   I = PE.142  
   II = PE.143  
   III = PE.144  
   IV = PE.145  

Prerequisite:
Grade Level: 912  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.

8051  Health Education  
   HE.130  

Prerequisite:
Grade Level: 912  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.

8056  Parenting Skills  
   HE.131  

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

Designed for pregnant teens and/or parents, topics within Health for Parenting Teens courses cover a wide range of both health and parenting issues, typically including prenatal and postnatal care, health and well-being of young parents, child development, stress management, and parental/adult roles. The courses may also involve academic assistance, career exploration, financial management, and so on.

8054  Special Needs Health Education  
   HE.132  

Prerequisite:
Grade Level: 912  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.
8998  Outdoor Safety and Survival I
       HE.133
Prerequisite:
Grade Level: 912  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.

8998  Outdoor Safety and Survival II
       HE.134
Prerequisite:
Grade Level: 912  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.

8055  Safety and First Aid
       HE.135
Prerequisite:
Grade Level: 912  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: 912 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 - IV
I = CTE.131
II = CTE.132
III = CTE.133
IV = CTE.134
Prerequisite:
Grade Level: 912 Max Credits: 2.0
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: 912 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 - IV
I = CTE.135
II = CTE.136
III = CTE.137
IV = CTE.138
Prerequisite:
Grade Level: 912 Max Credits: 2.0
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.
11152  Video Production I - IV
   I   = CTE.139
   II  = CTE.140
   III = CTE.141
   IV  = CTE.142

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

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.

10005  Business Computer Applications
       CTE.143

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

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

12001  Business/Office Career Exploration
       CTE.144

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

Business/Office Career Exploration courses expose students to the occupational opportunities available in the accounting, administration, data processing, management, and secretarial fields. Emphasis is placed on responsibilities, qualifications, work environment, and career paths. These courses may also include consumer education topics, keyboard exposure, and/or hands-on experience within the various occupational areas.

12004  Office Services I - IV
   I   = CTE.145
   II  = CTE.146
   III = CTE.147
   IV  = CTE.148

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

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:
Grade Level: 912  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: 912  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 - IV
I  = CTE.151
II = CTE.152
III = CTE.153
IV  = CTE.154
Prerequisite:
Grade Level: 912  Max Credits: 2.0
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 - IV
I  = CTE.155
II = CTE.156
III = CTE.157
IV  = CTE.158
Prerequisite:
Grade Level: 912  Max Credits: 2.0
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
   I  = CTE.159
   II = CTE.160
   III = CTE.161
   IV = CTE.162

Prerequisite:
Grade Level: 912  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
   I  = CTE.163
   II = CTE.164
   III = CTE.165
   IV = CTE.166

Prerequisite:
Grade Level: 912  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
   I  = CTE.167
   II = CTE.168
   III = CTE.169
   IV = CTE.170

Prerequisite:
Grade Level: 912  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
   I  = CTE.175
   II = CTE.176
   III = CTE.177
   IV = CTE.178

Prerequisite:
Grade Level: 912  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

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<tr>
<td>I</td>
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<td>IV</td>
<td>CTE.174</td>
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</tbody>
</table>

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 oxyacetylene, 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.

Health Care Sciences

14154 Medical Terminology

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

In Medical Terminology courses, students learn how to identify medical terms by analyzing their components. These courses emphasize defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions.

Architecture and Construction

17007 Woodworking I - IV

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<td>IV</td>
<td>CTE.183</td>
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</tbody>
</table>

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

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<tr>
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<td>IV</td>
<td>CTE.187</td>
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</tbody>
</table>

Prerequisite:
Grade Level: 912 Max Credits: 2.0
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.
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.

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 jams; 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

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.

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.

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: 912 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: 912 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: 912 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: 912 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: 912  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.

21109  Small Vehicle Mechanics I -IV
       I  = CTE.193
       II = CTE.194
       III = CTE.195
       IV = CTE.196
Prerequisite:
Grade Level: 912  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: 912  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, firefighting aboard ship, and CPR.

20053  Aviation Ground School
       CTE.202
Prerequisite:
Grade Level: 912  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.
20111 Marine Mechanics I- IV

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

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

22001 State Test Preparation I - IV

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

State Test Preparation courses prepare students for particular state tests required for graduation. These courses may cover specific content areas (such as citizenship, mathematics, language arts, and so on) according to individual student needs, or they may provide a more general course of study, similar to the Standardized Test Preparation course described above.

22003 Study Skills I - IV

Prerequisite:
Grade Level: 912  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.

22253 Social Development Instruction

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

Social Development Instruction courses teach students the social skills needed for independent functioning within the community. Topics may include self-control, self-expression, obeying rules, decision-making, appropriate situational behavior, interacting with others, and maintaining relationships. Students may develop independence, self-confidence, and self-reliance.
22005  Tutorial I - IV
  I  = CCR.138
  II = CCR.139
  III = CCR.140
  IV = CCR.141 Prerequisite:

Grade Level: 912  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.

22101  Leadership I - IV
  I  = CCR.142
  II = CCR.143
  III = CCR.144
  IV = CCR.145 Prerequisite:

Grade Level: 912  Max Credits: 2.0  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.

22151  Intro to Career Pathways - VTC  
CCR.148
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
  III = CCR.151
  IV = CCR.152 Prerequisite:

Grade Level: 912  Max Credits: 2.0  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:
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:
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.

22997  Independent Study II
CCR.162
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.

22998  Work Study I - IV
I  = CCR.163
II = CCR.164
III = CCR.165
IV  = CCR.166
Prerequisite:
Grade Level: 912  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.
22201  Family and Consumer Science I
CCR.167
Prerequisite:
Grade Level: 912  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.

22201  Family and Consumer Science II
CCR.168
Prerequisite:
Grade Level: 912  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 health care 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 three-week training 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 theory of drywall 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 doorframes. 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 Oxyfuel 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 Oxyfuel 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 powerplant 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 sophomores, 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.
Edgenuity (Previously Compass Learning)

Edgenuity is BSSD’s credit recovery and online curriculum platform. Edgenuity is an upgrade from Compass Learning with updated curriculum, up-to-date instructional lecture, and offers more variety of courses to choose from including world languages. Please visit the link below to see the National Course list. The second link will take you to the BSSD Edgenuity enrollment form.

Edgenuity Courses: https://www.edgenuity.com/course-lists/edgenuity-course-list.pdf

Edgenuity Enrollment Form: https://drive.google.com/drive/u/0/recent

Send all enrollment forms to the Coordinator of Instructional Support.
# Northwest Campus Enrollment Forms

BSSD Academic Review For UAF Northwest Campus Course

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

Date ____________________________

**Principal**  

Date ____________________________

**Approval By Director of Curriculum & Instruction**  

Date ____________________________