



2024-2025

Soldotna High School

Registration and Enrollment

Guide

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COURSES & SCHOLASTIC CATEGORIES

All courses will be held at Soldotna High School unless marked otherwise.

Other locations are Distance Education (DE), Kenai Peninsula College (KPC), and Workforce Development Center (WDC).

ENGLISH

Language Arts 9, 10, 11, 12
Honors Language Arts 9, 10, 11
English Literature-Composition (12)
AP English (12)

Film as Literature (rotate every other year)
Creative Writing (rotate every other year)
Technical Writing/Journalism

MATHEMATICS

Algebra Readiness
Algebra
Advanced Algebra

Geometry
Pre-Calculus/Trigonometry
AP Calculus

Personal Finance MathS1
Business Math S2
Math Trades

LIFE SCIENCE

Biology
AP Biology (rotate every other year)

Anatomy/Physiology
Marine Biology

Environmental Science

PHYSICAL SCIENCE

Physical Science
Earth Science

Chemistry
AP Chemistry (rotate every other year)

Physics (rotate every other year)
Robotics

SOCIAL STUDIES

U.S. History
AP U.S. History
Psychology (Elective)

World History
AP World History
Sociology (Elective)

Government
Geography/AK History

PHYSICAL EDUCATION

Life Activities – 9th

Physical Training

Movement & Activities (yoga)

WORLD LANGUAGE

Spanish I

Spanish II

CREATIVE ARTS (Graphic and Performing Arts)

Beginning Ceramics
Intermediate Ceramics
Advanced Ceramics

Drawing & Design
Intermediate Art
Advanced Art

Graphics
Sculpture
Drama 1, 2

CREATIVE ARTS (Music and Performing Arts)

Mixed Choir
Concert Choir (Audition)
Chamber Choir (Audition)

Concert Band
Symphonic Band (Audition)
Jazz Ensemble (Audition)

Guitar 1, 2
Instrumental Ensemble (drumline)
Piano/Keyboard

CREATIVE ARTS or PRACTICAL ARTS

Yearbook

PRACTICAL ARTS (Family and Consumer Science)

Foods and Nutrition 1
Foods and Nutrition 2

Culinary 1
Culinary 2

PRACTICAL ART (Career and Technical)

Construction 1, 2, 3, 4
EMT

Welding 1, 2, 3, 4

Aviation 1

Tech Prep Courses - College credit (KPC/UAA) may be available

KENAI PENINSULA BOROUGH SCHOOL DISTRICT HIGH SCHOOL GRADUATION REQUIREMENTS

Introduction

The purpose of establishing graduation requirements is to set guidelines that will ensure each high school graduate has exposure to a variety of learning experiences necessary for living in the changing world of today. Graduation requirements should be specific enough to direct students into major curricular areas, and yet flexible enough to provide for individual student's abilities, needs, and interests. Completion of all credits must occur before the student may participate in graduation exercises.

High School Graduation Requirements

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

English	4 credits	Science	3 credits
Math	3 credits	(minimum of 1 credit of life and 1 credit of physical science)	
World History	1 credit	Physical Education	1 credit
U.S. History	1 credit	Electives	4 ½ credits
Government	1/2 credit	Practical and/or Creative Arts	3 credits
AK Studies	1/2 credit	(minimum of .5 credit practical art and .5 credit creative art)	
Health	1/2 credit		

Credit Standing: "How Many Do I Need?"

Student promotion is based on the number of years they have attended high school; however, if they have not earned sufficient credits, they may not be on track to graduate. Progress towards graduation can be reviewed on students' PowerSchool accounts. Recommended minimum credit designations to stay on track for graduation are listed below:

Freshmen Standing:	7 credits
Sophomore Standing:	12 credits
Junior Standing:	16 credits
Senior Standing:	18 credits

Enrollment Guidelines

- One (1) credit equals the successful completion of a course for one year; ½ credit equals the successful completion of a course for one semester. **(Dependent on master schedule)**
- Seven courses per semester is the required class load. Do not schedule fewer than six (6) courses. **(Dependent on master schedule and class standing)**
- Students may be aides for one course period per semester, which will earn ½ elective credit. They may accumulate a maximum of one (1) elective credit for aide positions during their high school tenure.
- Student grades are kept on an official transcript in the Counseling Office. This is an official record of courses passed and credits earned. If students wish to have transcripts mailed to a college or institution, log on to parchment.com and place your request. Transcripts are sent electronically. Students may still request a hard copy from Mrs. Waara in the Counseling Office for scholarships or insurance.
- Students wishing to enroll in Correspondence/Distance Delivery/Credit Recovery Courses must first meet with their counselor to discuss registration procedures and complete necessary paperwork.

JumpStart Program

SOHI juniors and seniors may enroll in courses at Kenai Peninsula College through the Jump Start Program. Students may take up to six (6) credits each semester, which they can begin during the summer semester following their sophomore year. Students can then take another six credits each in the fall and spring semesters for a total of 36 college credits while still in high school. Students will need to show verification of registration to their high school counselor prior to being enrolled in college release. The Borough will cover 2/3 of the cost and 1/3 of the cost is paid for by the student. Withdrawals from Jump Start courses must be made in accordance with KPC procedures. Jump Start forms are available on KPC's website,

Middle College Program

Middle colleges are partnerships between local school districts and local colleges which provide a pathway for high school students to meet graduation requirements through taking classes at the college. Middle Colleges provide students the ability to make a smooth transition from high school to college and begin their college careers ahead of traditional students. Students earn college credit through Kenai Peninsula College and high school credit through their Affiliate High School. Per KPBSD policy, high school credit is awarded as 1.0 high school credit for each 3-4 credit college course.

Cooperative Work Experience

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

Recommended High School Curriculum for College-Bound Students

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

Selective College

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

Traditional College

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

Recommended High School Curriculum for Career & Technical Education Students

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

Employers want students to know and be able to use mathematical skills, writing skills, communication skills, and interpersonal skills well. Employers constantly inform students that they must do well in English and math, must have the proper attitude about work, and must have the technical skills necessary to perform the job satisfactorily. CTE courses and programs provide these skills. Students should understand the purpose, the need, and the ways that CTE courses can help. The next question for students to decide is, "What type of job would I like to have when I graduate, and what training is necessary to secure this job?" Remember, many beginning jobs may need additional training after high school. Whenever a particular career/technical school is being considered, a student should be sure to study the school's catalog or website for specific entrance requirements. Students may also consult Naviance available at SOHI and on the Internet for more information.

Schedule Changes - Drop/Add

The goal of the Counseling Department is to have all approved schedule changes completed before the beginning of each semester. Because choices students make during the registration process help determine course offerings for a given year, the counseling office will have a 2 week add/drop period before each semester starts, in August and December. Students should check their school Gmail for a Google link to make changes. **SCHEDULE CHANGES WILL BE LIMITED.** The drop/add period will only be able to accommodate changes due to placement error, holes in schedule, addition of a Work Coop, College/Home Release, aide position or to drop a course that is too demanding (e.g. AP course). If a student receives a schedule that reflects the choices she/he made at registration, she/he will be expected to keep that schedule. **Schedule changes for teacher preference, elective changes, or class changes to be with friends are not allowed.**

Students withdrawing from any courses **prior to** the end of the drop/add period will not have the courses recorded on their transcripts. After the 5 day add/drop deadline, the grade entered on the student's official transcript will be a "NG". After the 20th day of the semester, the grade entered on the student's official transcript will be an "F/".

Grades:

- A-D grades: Sufficient progress in the subject to merit granting of credit for the course
- F grade: Insufficient progress in the subject to merit granting of credit for the course
- Withdrawal grades Student has withdrawn from the course with current grade; used only in extenuating circumstances.
- NG No grade is issued to indicate a withdrawal from course after the 10 day Add/drop period or is used for courses that do not receive high school credit (E.g. College Release, etc.) alternatively, at the principal's discretion.
- Weighted grades Additional quality points will be assigned for College Board Advanced Placement (AP) courses for the purposes of calculating grade point average (GPA) and rank. For each passing semester grade in an Advanced Placement course, 0.02 will be added to the student's cumulative GPA, as long as the student has taken the AP test.

Incompletes

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

Retaking of a class for increased knowledge/better grade

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

Early Graduation

The purpose of the four-year high school program is to provide students with a combination of academic, vocational, and social experiences that will prepare them for entry into the world of work, further training, and/or continued academic enrollment. In very few cases, a student, because of his/her educational or vocational abilities, may qualify for early graduation without completing the eight (8) semester requirements. Early graduation requires substantial advanced planning. Requests for early graduation will not be considered during the quarter of the proposed graduation. Students and their parents should meet with the school counselor to obtain the necessary paperwork. To be considered for early graduation, requests must be received at the District Office no later than the last day of the quarter that precedes the proposed graduation date. See requirements:

1. The student/parent initiates a request with the school counselor. Counselor assembles a packet for the I-team.
 - a. A letter of rationale by a student articulating readiness for adult life, college, and or a career path, and explaining circumstances related to early graduation consideration.
 - b. A letter of approval and support from parent/guardian.
 - c. Student records including transcripts, test scores and graduation requirement check.
 - d. Confirmation of a postsecondary plan
 - i. Letter of acceptance from institution offering advanced vocational or education training
 - ii. Proof of full-time and continuous employment
 - iii. Evidence of engaging in an acceptable alternative program of education
 - e. Letter from counselor/principal confirming that state and Board of Education requirements can be met with exception of eight semesters of attendance.
2. The I-team considers the acceleration request for early graduation, and if approved, forwards the request to the Superintendent. The request must include
 - a. Copy of intervention packet, which included 1 a-e
 - b. Letter of approval from the intervention team stating the rationale for consideration of the early graduation request signed by the I-team chair and principal.
3. The Superintendent considers the recommendation and, if appropriate, grants final approval.

Honor Roll/Grade Point Average/Class Rank

There are three categories of Honor Roll:

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

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

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

Quality Points for Courses

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

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

School Activities

Any activity that can give students the opportunity to demonstrate that they are responsible, dependable, and motivated will be important to them when applying for college admission, scholarships, and their first full-time jobs. Participation in these activities is also important when being considered for honors at Soldotna High School.

Eligibility - High School Athletics (Based on master schedule/credits given in semester)

A student can compete when the following conditions are met:

- Must have passed five classes the previous semester.
- Must not reach the age of 19 on or before August 1 of his/her senior year.
- Must not have participated in more than four seasons for a particular activity
- Freshmen, sophomores and juniors must be earning a minimum of 2.5 credits per semester.
- Seniors, who are on track to graduate, must be earning a minimum of 2.0 credits per semester
- All students must maintain an overall 2.0 GPA to remain eligible.
- For *mid-quarter checks only*, students may regain their eligibility after seven calendar days if they meet the 2.0 GPA minimum and are passing all their classes within the next five school days. Otherwise, they will remain ineligible until the next eligibility check.

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

NCAA Clearinghouse Statement

The National Collegiate Athletic Association (NCAA), an organization founded in 1906 that has established rules on eligibility, recruiting, and financial aid, regulates many college sports. The NCAA has three membership divisions – Division I, Division II, and Division III. These institutions are members of the various divisions according to the size and scope of their athletic program and whether they provide athletic scholarships. NCAA Clearinghouse applications are available online at ncaa.org. Students interested can also look at the National Association of Intercollegiate Athletics, at www.naia.org, or National Junior College Athletic Association at www.njcaa.org.

P.E. Waivers

Students can waive the .5 elective credit of physical education graduation requirement through participation in athletic activities sponsored by the Kenai Peninsula Borough School District. **This waiver does not apply to the Basic P.E. requirement.** Students will not receive credit for P.E. waivers but rather, will have their elective physical education requirement decreased by .5 credit, enabling them to take additional courses in other areas. In order to receive a P.E. waiver, the following must happen:

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

Students will be required to submit P.E. waiver forms during the academic year in which participation takes place. We encourage students to initiate this process with their coaches/sponsors prior to participating in athletic activities. P.E. waiver forms are available in the Counseling Office. Please call your student's counselor if you have questions.

Career & Post- Secondary Curriculum

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

9th Interest Profiler-Four year plan

10th Career development

11th Career development, Kenai Peninsula College Fair, career/college search, resume workshop

12th Post-secondary planning, scholarship folder preparation, financial aid workshop, personal narrative, college essay

Scholarship Opportunities

All seniors planning to attend college or a vocational school after graduation should complete the SOHI scholarship folder as this will allow them to be considered for offerings listed here at SOHI. However, they should also check the scholarship wall outside of the Counseling Office, 1Stop, their G-mail on a regular basis for opportunities sponsored by local, state and national organizations. Underclassmen should begin preparing for their senior year by volunteering in the community, participating in leadership events (check G-mail and the wall for information), taking advantage of Workforce Development Center Academy's offerings and participating in extra-curricular school events. Remember to keep a log of activities, awards, certificates and community service performed. The Alaska Performance Scholarship is a great opportunity for Alaska's students. **More information about the Alaska Performance Scholarship is available on the next page.**

ALASKA PERFORMANCE SCHOLARSHIP



To apply for the APS and other financial aid opportunities, students must complete a FAFSA (Free Application for Federal Student Aid) by June 30th of each year. Visit fafsa.ed.gov

Required Curriculum (for all levels)

Students can choose either curriculum option.

Contact your counselor for information about APS courses. Approved courses may also be available through resources such as the University of Alaska or others. Eligibility is determined based upon courses with a letter grade contained in your high school's permanent student record.

Math & Science Curriculum:

Science
(4 credits)

Math
(4 credits)

Social Studies
(4 credits)

Language Arts
(4 credits)

Social Studies & Language Curriculum:

Science
(3 credits)

Math
(3 credits)

Social Studies
(4 credits)

Language Arts
(4 credits)

World Language
(2 credits)

same language for both credits

Level 1

UP TO **\$4,755** per year

Level 2

UP TO **\$3,566** per year

Level 3

UP TO **\$2,378** per year

Required
GPA

3.5
or greater

3.0
or greater

2.5
or greater

Required
Testing

"Certificate" means a career & technical education certificate and does not include associate's degrees.

ACT/SAT: Use APS for degree or certificate

ACT 25
SAT 1210*

*for SAT taken March 2016 or later

ACT 23
SAT 1130*

*for SAT taken March 2016 or later

ACT 21
SAT 1060*

*for SAT taken March 2016 or later

WorkKeys: Use APS for certificate only A combination score of 13 or higher with no score below 4, is required in Applied Math, Locating Information, and Reading for Information

WorkKeys 13

WorkKeys 13

WorkKeys 13



rev. 07/21/2016

On track to qualify? Get ready to put your APS award to work!
Download Initial Award and Continuing Eligibility Checklists
at APS.alaska.gov

Questions? Visit APS.alaska.gov



Counseling Department Events, Workshops, and Parent Nights

Specific dates posted each year on Counselor's Corner on SOHI's website

<https://sites.google.com/g.kpbsd.org/sohicounselingprogram/home>

September: Post-Secondary Planning (application process and college information)

September: Financial Aid Night

September: College Athletics Information Meeting (NCAA/NAIA/NJCAA) Open to all students & parents

October: Counseling Department administers the PSAT on the national date

October: FAFSA Completion Workshop #1

October: College Fair at Soldotna or Kenai High School Gym

November: College Application Month

November: FAFSA Completion Workshop #2

March: Get Real Financial Reality Fair for seniors at SOHI (dependent on business availability)

April: Decision Day Celebration for seniors

April: Junior parent night- Post-Secondary Planning (application process and college information)

May: Awards night, Graduation

****Ongoing in Counseling Office: college representative visits, professionals**

Find more information at:

-Counselor's Corner on SOHI's website (forms, announcements, information)

<https://sites.google.com/g.kpbsd.org/sohicounselingprogram/home>

-1Stop at <https://www.kpbsd.k12.ak.us/OneStop/Onestop.aspx?id=30681>

-Follow @Sohicounselor on Instagram

Patti Lawyer, Last Names A-G, 907-260-7073, plawyer@kpbsd.k12.ak.us

Jeanette Kominczak, Last Names H-M, 907-260-9074, jkominczak@kpbsd.k12.ak.us

Megan Murphy, Last Names N-Z, 907-260-7059, mmurphy@kpbsd.k12.ak.us

Margo Waara, Counseling Secretary/Registrar, 907-260-7072 mwaara@kpbsd.k12.ak.us

Soldotna High School Core Counseling Curriculum 9th-12th

9th grade:

-November classroom visits - topics include: importance of credits, layout of 9th grade year, career exploration.

-November classroom lesson (one day) - Naviance career exploration activities,

-March classroom visit (one day) - Registration for sophomore year

10th grade:

-September classroom visits - topics include: PSAT, ACT/SAT, NCAA/NAIA/NJCAA, sophomore year timeline, APS, Jumpstart, Counselor's Corner on SOHI website, Scholarship folder activity tracking, and Post-Secondary planning nights.

-October classroom lesson (one day) - Naviance career exploration activities, 4 year plan Strengths explorer

-March classroom lesson (one day) - Registration for Junior year
Presentation topics include credits/graduation requirements, college requirements, APS, NCAA/NAIA, transcripts and how to get one, course offerings, and enrollment instructions

-March/April/May - Post-secondary plans, credits, APS, UA Scholars, PSAT, ACT/SAT, Accuplacer/ALEKS, Jumpstart, Middle College, NCAA/NAIA/NJCAA, Counselor's Corner on SOHI website, timelines for each year, field trips, parent nights, FAFSA workshops, scholarship folder activity tracking, and course selection for Junior year.

11th grade:

-September classroom visits - Topics include: PSAT, ACT/SAT, NCAA/NAIA/NJCAA, junior year timeline, APS, Jumpstart, Counselor's Corner on SOHI website, Scholarship folder activity tracking, and Post-Secondary planning nights.

-October classroom lesson (one day) - Naviance college search and resume workshop
Resume instruction and worksheet guide, Resume Builder - Naviance, College & Career smart goal

-March classroom lesson (one day) - Registration for Senior year
Presentation topics include credits/graduation requirements, college requirements, APS, NCAA/NAIA, transcripts and how to get one, course offerings, and enrollment instructions

-March/April/May - Individual appointments to discuss post-secondary plans, credits, APS, UA Scholars, PSAT, ACT/SAT, Accuplacer/ALEKS, Jumpstart, Middle College, NCAA/NAIA/NJCAA, Counselor's Corner on SOHI website, timelines for each year, field trips, parent nights, FAFSA workshops, scholarship folder activity tracking, and course selection for Senior year.

12th grade:

-September classroom visits - Topics include: PSAT, ACT/SAT, NCAA/NAIA/NJCAA, senior year timeline, APS, Jumpstart, Middle College, Counselor's Corner on SOHI website, Scholarship folder activity tracking, and Post-Secondary planning nights.

-September classroom lesson (two days) - Scholarship Folder, Scholarship Search, and College Essay Review of Junior year school sort, scholarship search instruction and samples Scholarship Folder completion, Naviance - apply to colleges, scholarship search Personal Narrative instruction, samples, and writers workshop

-October/November/December - Individual appointments to discuss post-secondary plans, credits, APS, UA Scholars, PSAT, ACT/SAT, Accuplacer/ALEKS, Jumpstart, Middle College, NCAA/NAIA/NJCAA, Counselor's Corner on SOHI website, timelines for each year, field trips, parent nights, FAFSA workshops, scholarship folder activity tracking, and course selection for second semester of Senior year.

-January Classroom visit - Plans for after high school, with steps to think about taking to prepare for the next chapter. (Scholarships, applications, employment, military, etc.)



CREATIVE ARTS

Art

Title: SCULPTURE

AA730

Length: One Semester
Fee: \$20

This course covers the fundamental skills, knowledge, attitudes, and technology necessary to begin to understand sculpture. Various sculptural processes are explored, and students work with a variety of materials and tools. Students learn to make critical judgments about their own art and the art of others and are encouraged to relate the beauty and meaning of art to their lives. They are exposed to the historical and contemporary role of sculpture throughout the world. Portfolio development may be required. Technology may be applied for reference or support.

Title: DRAWING AND DESIGN

AA815

Length: One Semester
Fee: \$20

In this course, students refine their drawing and design skills. A variety of subject matter, materials, and technologies are used on a two dimensional surface. Students will develop formal drawing, painting, and printmaking skills. Students continue to develop critiquing skills and are encouraged to relate beauty and meaning of art to their lives. They gain an understanding of values, beliefs, ideas, and traditions of various cultures through the study of drawing and design.

Title: **GRAPHICS**

AA735

Length: One Semester
Fee: \$20

Prerequisite: Drawing and Design

Graphics is a creative arts class focused on understanding and implementing the formal design principles into artwork for use in advertising and graphic design specifically, as well as photography, game design, and more. There is an emphasis on composition and layout. Students will experiment with a variety of techniques and materials that may include drawing, painting, printmaking, sculpting, digital photography, and more. Students will learn to analyze their own art and the art of others and will be encouraged to relate the beauty and meaning of art to their lives. This course will stress the use of the Elements and Principles of Design, the study of artists, the improvement of creative thinking skills, and the process of making informed judgments about art. Students will be exposed to the historical and contemporary role of the arts in Alaska, the nation, and the world. Portfolio development will be required. Technology may be applied for reference or support.

Title: **INTERMEDIATE ART**

AA710

Length: One Semester
Fee: \$20

Prerequisite: Students should have taken one credit of fine art classes prior

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

Title: **ADVANCED ART**

AA715

Length: One Semester
Fee: \$20

Prerequisite: Students should have taken intermediate art prior

Advanced Art is a course for students who have successfully passed Intro and Intermediate Art. Students will experiment with a variety of techniques and materials that may include drawing, painting, printmaking, sculpting, weaving, and pottery. Students will learn to analyze their own art and the art of others and will be encouraged to relate the beauty and meaning of art to their lives. This course will stress the use of the Elements and Principles of Design, the study of artists, the improvement of creative thinking skills, and the process of making informed judgments about art. Students will be exposed to the historical and contemporary role of the Arts in Alaska, the nation, and the world. Portfolio development will be required. Technology may be applied for reference or support.

Title: BEGINNING CERAMICS

AA720

Length: One Semester
Fee: \$30

Beginning Ceramics covers the fundamental skills, knowledge, and techniques necessary to begin understanding ceramics. Students learn a variety of hand building techniques, including, pinch, coil and slab construction, as well as an introduction to wheel throwing. They will also study the processes unique to ceramics including the stages of clay, firing and glazing. They will be exposed to the historical and contemporary role of pottery from various cultures throughout the world and will be encouraged to relate the beauty and meaning of art to their lives. Students will acquire a basic understanding of the Elements and Principles of Design that go into a successful piece of pottery.

Title: **INTERMEDIATE CERAMICS**

AA810

Length: One Semester

Prerequisite: Beginning Ceramics

Fee: \$30

Intermediate Ceramics expands upon the fundamental skills, knowledge, and techniques necessary for creating ceramics. Students practice a variety of wheel thrown and hand building techniques, including: pinch, coil and slab construction. An emphasis will be placed upon quality construction and design development. Students will also broaden their study of the processes unique to ceramics including the stages of clay, firing and glazing. The course includes the study of Artist and Cultures. They will be exposed to the historical and contemporary role of pottery from various cultures throughout the world and will be encouraged to relate the beauty and meaning of art to their lives. Students will apply a basic understanding of the Elements and Principles of Design to create successful pieces of pottery.

Title: **ADVANCED CERAMICS**

AA725

Length: One Semester

Prerequisite: Junior standing/Intermediate Ceramics/Teacher Discretion

Fee: \$30

Advanced Ceramics covers the in-depth skills, knowledge, and techniques necessary to creating advanced level ceramics. Students apply a variety of wheel thrown and hand building techniques. They will also study and refine the processes unique to ceramics including the stages of clay, firing and glazing. Students will continue to learn to make critical judgments about their own art and the art of others. They will be exposed to the historical and contemporary role of pottery from various cultures throughout the world and will be encouraged to relate the beauty and meaning of art to their lives. Students will utilize advanced levels of understanding of the Elements and Principles of Design and apply them to create successful pieces of pottery.

CREATIVE ARTS

Drama

Title: **DRAMA 1**

VV705

Length: One Semester

This course is an introduction to basic acting skills, and studying plays as a literary form. It involves improvisation, movement, character analysis, stage terminology, mime, and scripted material.

Title: **DRAMA 2**

VV710

Length: One Semester

This course involves taking part in a full scale play production, which includes set design and building, costumes, props, and character acting. Practices will take place within the class period, but there is the expectation that performances will be made.

CREATIVE ARTS

Music

Title: **MIXED CHOIR**

UU725

Length: One Semester

Fee: \$20/semester

Fundamentals of music and voice production are taught for the purpose of performance and competition. This class is open to all students who are interested in vocal music. Sight-reading skills will be developed. Emphasis is on participation, although there will be required performances that occur periodically throughout the year.

Title: **CONCERT CHOIR**

UU715

Length: One Semester

Prerequisite: Must have taken Mixed Choir or Director approval

Fee: \$20

This course emphasizes advanced vocal performance with some choreography. This course requires a mature voice, great work ethic, and positive attitude. Numerous performance opportunities are available, some requiring outside-of-classroom commitments.

Title: **CHAMBER CHOIR**

Length: One Semester

Prerequisite: Must audition for director prior to enrolling

Fee: \$20

Chamber choir is a select ensemble designed for the advanced vocal student. The completion of a successful audition is required for membership. This ensemble may be set up as an all-female SSAA ensemble, an all-male TTBB ensemble or as a mixed SATB ensemble. Structure of the ensemble will be determined by the individual school. Emphasis is placed on elevating music reading skills and performance techniques to an advanced level through standard and custom choral literature. Students in this class should have previous choral ensemble experience. The students in this class should exhibit solid music reading skills and have a working knowledge of vocal techniques. This course may require after school rehearsals, performances and/or field trip(s).

Title: **SYMPHONIC BAND**

UU735

Length: Two Semesters

Prerequisite: Audition for Teacher

Fee: \$20/semester

This course is designed for the student who has developed some proficiency in performance skills. Tone production, technical facility, and musicianship are taught as each relates to performance. This band is involved in numerous performances and competitions throughout the year. Students are required to purchase some materials and the cost may vary depending on the band program and level of study.

Title: **DRUMLINE (Instrumental Ensemble)**

UU780

Length: One Semester

Drumline students learn to become active members in a working and performing drum corps. All students will learn to play and will be expected to demonstrate competency on snare drum, bass drum, cymbals, and smaller instruments of the battery. Grades are based on participation, attendance, practice, and rehearsal technique. Drumline performs at concerts, assemblies, and sporting events throughout the year.

Other performance and learning opportunities may also be available. Concurrent enrollment in Band is encouraged. Enrollment may be limited to the available.

Title: **JAZZ ENSEMBLE**

UU785

Length: Two Semesters

Prerequisite: Audition for Director

Fee: \$20

The focus of this course is the exploration of styles and rhythms utilized in American jazz through performance. Students learn improvisational techniques. Students must be a member of another regular band class to enroll in jazz ensemble (exception: piano, guitar, and bass). Placement in this course is by audition only.

Title: **GUITAR 1**

UU740

Length: One Semester

This course is open to all students interested in playing the guitar. This course serves as an introduction to the instrument. Individuals as well as groups will work on learning all strings of the guitar, music fundamentals, reading notes, and chords. Guitar 1 may only be taken for one semester and may be repeated for credit.

Title: **GUITAR 2**

UU745

Length: One Semester

Prerequisite: Guitar 1

Guitar is a one-semester course that offers the intermediate guitarist instruction in playing techniques, reading guitar notation & tab, creating melodies, playing chords, and focused study in a specialized technique. Students will review guitar performance basics and blues styles, cover basic rock techniques, and undertake a specialized study in a genre of their choice. Intermediate guitar students will have the opportunity to prepare a program of songs for performance. Students should provide their own instruments. Guitar 2 may only be taken for one semester, and may be repeated for credit.

Title: **PIANO/KEYBOARD**

UU765

Length: One Semester

Fee: \$10

This course includes beginning, intermediate, and advanced instruction in piano/keyboard technique and music reading, as well as in conducting related research. There is a required in-class performance for each quarter.

CREATIVE ARTS or PRACTICAL ARTS

Title: **YEARBOOK**

AA760/BB750

Length: Year long (start S1 not S2)

Prerequisite: Must complete the interview/application process.

This course will teach students to understand, develop, and use the techniques found in the occupational field of commercial publishing. Students will assist in producing publishable documents (e.g. yearbook, brochures, etc.), utilize online publishing software, document school athletics and events via photography, and support sales of the yearbook. This course requires good attendance and motivation to meet deadlines. It will also address academic and vocational educational standards, and may be taken for practical or creative art credit. Course may be repeated for credit.

PRACTICAL ARTS Family & Consumer Science

Title: **FOOD AND NUTRITION 1**

HH725

Length: One Semester
Fee: \$30

This is an introductory course designed for students who are interested in learning how to cook. The course includes simple food preparation techniques and recipes. This course includes hand skills, sanitation, kitchen safety, nutrition and basic cooking. This is the first course in the high school culinary pathway.

Title: **FOOD AND NUTRITION 2**

HH730

Length: One Semester
Fee: \$30

Prerequisite: Foods and Nutrition 1

This is a continuation of Foods 1 and the second course in the high school Culinary Pathway. This course prepares individuals to understand and apply the relationship of nutrition and food to health and well-being. Students will be involved and learn about the selection, preparation, and care of food to meet individual and family food needs. The course includes more advanced food preparation techniques and recipes. This course includes a review of hand skills, sanitation, kitchen safety, nutrition and more advanced cooking. Additionally, students will explore batch cooking, food storage, and more advanced recipe techniques. Career and entrepreneurship opportunities in the Food Industry will be explored.

Title: **CULINARY ARTS 1**

HH735

Length: One Semester
Fee: \$30

Prerequisite: Foods and Nutrition

This is a follow-up course to Foods 1 and 2 and the third course in the high school Culinary Pathway. This course is designed to introduce students to occupational food service. Emphasis is placed on learning and practicing job and work place skills in a safe and sanitary, professional work environment. This course covers advanced culinary techniques, standardized recipe, portioning, food costs, profit and loss statements, menu development, and front of the house guest service and food presentation.

Title: **CULINARY ARTS 2**

HH740

Length: One Semester
Fee: \$30

Prerequisite: Foods and Nutrition

This is a follow-up course to Foods 1 & 2, and Culinary 1 and is the fourth course in the high school Culinary Pathway. This course is designed for students to advance their food service skills and knowledge through planning, supervising, and producing projects. Students will be expected to gain advanced cooking techniques and skills.

PRACTICAL ARTS Career & Technical Education

Title: **CAD/CAM 1 and 2**

II950/II951

Length: One Semester
Fee: \$30

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

- * Introduction to basic drafting and machining tools and techniques
- * Views and planes
- * Careers in drafting and machining
- * Dimension techniques

- * Measurement and scales
- * Pictorial view
- * Understanding a 2D model

Title: **CONSTRUCTION 1**

II725

Length: One Semester
Fee: Project Fees

This course is a beginning construction class. Designed to teach students the basic information and techniques that apply to the building trades industry. Safe equipment use and processes will be covered. Tools can be hazardous if used improperly; self-discipline is necessary. A safety test must be passed before hazardous tools or materials may be used.

Title: **CONSTRUCTION 2** I1730 Length: One Semester
Prerequisite: Construction 1 Fee: Project Fees
Construction 2 is a semester course designed to provide students the opportunity to build on the skills learned in Construction 1, while at the same time learning advanced construction techniques and processes.

Title: **CONSTRUCTION 3** I1735 Length: One Semester
Prerequisite: Construction 2/Sophomore standing Fee: Project Fees
This course is an advanced level construction class designed to build on skills learned in the previous Construction classes.

Title: **CONSTRUCTION 4** I1955 Length: One Semester
Prerequisite: Construction 3/Sophomore + standing Fee: Project Fees
This course is an advanced level construction class designed to build on skills learned in the previous Construction classes and to develop leadership and management skills that apply to the building trades industry. This upper class is repeatable for additional credit and experience.

Title: **WELDING 1** I1775 Length: One Semester
Prerequisite: Sophomore Standing Fee: \$40 + project fees
Welding 1 will give the student a beginning level of exposure to oxy-acetylene welding and cutting operations, grinding operations and arc welding. At the end of this course, students will be able to perform 1G and 2G operations using 6011. Safe equipment use and processes will be covered.

Title: **WELDING 2** I1780 Length: One Semester
Prerequisite: Welding1/Sophomore Standing Fee: \$40 + project fees
Welding 2 is designed to give students an in depth study in advanced arc welding processes. Metallurgy properties and gas shielded welding techniques will be taught. At the end of this course, students will be able to perform 1G, 2G, 3G, 4G, 1F, 2F, 3F and 4F operations using deep-penetration and low-hydrogen based rod. Safe equipment use and processes will be covered.

Title: **WELDING 3** I1960 Length: One Semester
Prerequisite: Welding2/Sophomore Standing Fee: \$40 + project fees
Welding 3 will give the student a beginning level of exposure to aluminum welding operations and introduction to project fabrication. Students will mentor and supervise the demonstration of inexperienced/beginning Welding students. The NCCER "Basic Safety" Core will be taught in this class. Safe equipment use and processes will be covered.

Title: **WELDING 4** I1965 Length: One Semester
Prerequisite: Welding3/Sophomore Standing Fee: \$40 + project fees
Welding 4 will give the student an advanced level of exposure to steel and aluminum welding operations through project fabrication. Students will learn to mentor and supervise the demonstration of inexperienced/beginning welding students. Safe equipment use and processes will be covered. 2 hr. block WFDC

WORLD LANGUAGE

Title: **SPANISH 1** WL765 Length: Two Semesters
Spanish I introduces students to the language and culture of Spanish speaking countries in Central America, South America, and Spain. In this course, students will learn to read, write, speak, and listen in Spanish. They will also have the opportunity to participate in customs from numerous regions and broaden their cultural understanding and world perspective. Suggested that students enrolling in this course have received a passing grade in the previous year's Language Arts class.

Title: **SPANISH 2** WL770 Length: Two Semesters
Prerequisite: Spanish 1 w/grade of C or better
Spanish II is an intermediate level course. In this class, students will expand on their ability to read, write, speak, and listen in Spanish. During this course, they will learn the two forms of the past tense in Spanish and continue to develop their vocabulary. Students will also continue to broaden their worldview and cultural understanding by participating in a number of cultural activities from Central America, South America, and Spain.

ENGLISH

Title: **LANGUAGE ARTS 9**

LL705

Length: Two Semesters

Students will continue to develop their reading, writing, and critical thinking skills. Emphasis will be placed on analysis and interpretation from a wide range of authors, which will lead to a wide range of writing assignments based upon class readings and discussions. Several novels will also be read and studied in detail. Special projects will supplement the in-depth study of the novels selected for study.

Title: **LANGUAGE ARTS 9 - HONORS**

LL706

Length: Two Semesters

Prerequisite: Based on writing assessments, standardized test scores, grades, and teacher recommendation.

Honors 9 is an academically challenging course for highly motivated students who have a solid grasp of grammar and mechanics and who exhibit excellence in written and oral expression, and reading comprehension. In order for students to meet the challenges of the honors program, an emphasis is placed upon higher order thinking skills. Students will read literature from a variety of world authors, in addition to reading selected supplementary novels from which discussions, essays and projects are derived. **Extensive reading outside of class is required.** By experiencing a rich variety of reading and writing activities, Honors 9 prepares students for Honors 10, 11, and Advanced Placement English.

Title: **LANGUAGE ARTS 10**

LL710

Length: Two Semesters

Prerequisite: Language Arts 9

Poetry, drama, mythology, short stories, novels, and nonfiction forms will be studied from a wide range of world authors. Composition will include a review of 7-9 grade grammar and composition skills, spelling and grammar at the 10th grade level, and the development of paragraphs and the multi-paragraph form, including correct MLA formatting and citation.

Title: **LANGUAGE ARTS 10 – HONORS**

LL711

Length: Two Semesters

Prerequisite: Based on writing assessments, standardized test scores, and grades. Previous honors enrollment is recommended but not required.

Students without prior high school Honors English experience are encouraged to consult with previous English teachers and the sophomore honors teacher regarding expectations. Honors English 10 is for students who have demonstrated continued proficiency and an appreciation for literature and writing. New modes of research, technology, and communications prepare students for the academic demands of research and analytical reading and writing. Special projects tailored to individual interests and needs coupled with a rigorous reading and writing program enable students to investigate language to enrich comprehension and to develop self-expression.

Students are expected to begin applying analytical concepts of a more challenging curriculum of fiction, nonfiction, poetry, and drama from a wide range of world authors. Essays will focus on broad and supported interpretations of texts and demonstrate a clear understanding of advanced vocabulary and grammatical structures, as well as proper MLA formatting and citation. Students are expected to be able to read and write on an independent basis.

Extensive reading outside of class is required. This course provides the academic background necessary for entering into Honors 11 and Advanced Placement English.

Title: **LANGUAGE ARTS 11**

LL715

Length: Two Semesters

Prerequisite: Language Arts 10

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

Title: **LANGUAGE ARTS 11 – HONORS**

LL716

Length: Two Semesters

Prerequisite: Based on writing assessments, standardized test scores, and grades. Previous honors enrollment is recommended but not required.

Students without prior high school honors English experience are encouraged to consult with previous English teachers and the junior honors teacher regarding expectations. Honors English 11 is designed for students to further develop and refine their reading, writing, and critical thinking skills through an intensive study of selected American literature and appropriate oral and written responses. Students are required to read a minimum of five supplemental novels from which informed class discussions, analytical essays, and projects are derived.

Students are expected to read vigorously and critically, and to read about the literature they have been assigned, paying particular attention to elements of style, interpretation, structure, syntax, and meaning. Students are required to write an extensively researched and documented research paper, including correct MLA formatting and citation. While a review of grammar, mechanics, vocabulary and usage may be provided as needed, students are expected to demonstrate higher than average abilities in these areas. In preparation for Advanced Placement English, the curriculum will reinforce the development of complex thought processes, independence in learning, and clarity of expression. Required outside reading is both a reinforcement and extension of classroom instruction.

Title: **LANGUAGE ARTS 12**

LL790

Length: Two Semesters

Prerequisite: Language Arts 11

This full-year course focuses on British literature. It will examine significant literary movements, from Anglo-Saxon poetry to post-modernism. There will be an emphasis upon writing analysis based essays, rhetoric, grammar and vocabulary at the 12th grade level, as well as proper MLA formatting and citation.

Title: **AP LITERATURE AND COMPOSITION**

LL760

Length: Two Semesters

Prerequisite: Students must have completed 11th Honors LA in order to enroll in this class. Students who did not take 11th Honors may be permitted to take the class only with instructor approval.

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

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

Title: **FILM AS LITERATURE**

LL735

Length: Two Semesters

Prerequisite: Open only to 11th or 12th graders

This course expands analysis, reasoning, and writing skills using film as a basis for study. Students learn the origin and background of film, as well as the stylistic implications behind new technological elements developed. Students then examine different film movements and the unique ways in which style creates meaning for audiences. Students will understand the elements of film analysis and criticism, and their role in evaluating the narrative, artistic, symbolic, and cultural and entertainment value of film. Because the course does include critical reading, writing, and speaking, any student in grades 11 or 12 will receive a full English language arts credit for taking it. ****Dependent on student requests and staffing.**

Title: **JOURNALISM** (Offered Semester 1 followed by TECHNICAL WRITING Semester 2)

LL740

Length: One Semester

Prerequisite: Open only to 11th or 12th graders

The course will focus on journalism in modern society, concerning the types of journalism, the process, and the business itself. Students will examine forms ranging from basic reporting to photojournalism, and creating individual portfolios and a teen-oriented newspaper to distribute to the school. Because the course does include critical reading, writing, and speaking, any student in grades 11 or 12 should get a ½ English language arts credit for taking it. This course is not open to 9th or 10th graders. ****Dependent on student requests and staffing.**

Title: **TECHNICAL WRITING** (Offered Semester 2 preceded by JOURNALISM Semester1)

LL800

Length: One Semester

Prerequisite: Language Arts 9

This course will establish a toolbox of practical writing skills for common professional applications and will explore the importance of clear and precise written communication to the achievement of a student's goals in all academic and professional pursuits.

HEALTH

Title: **Health**

JJ705

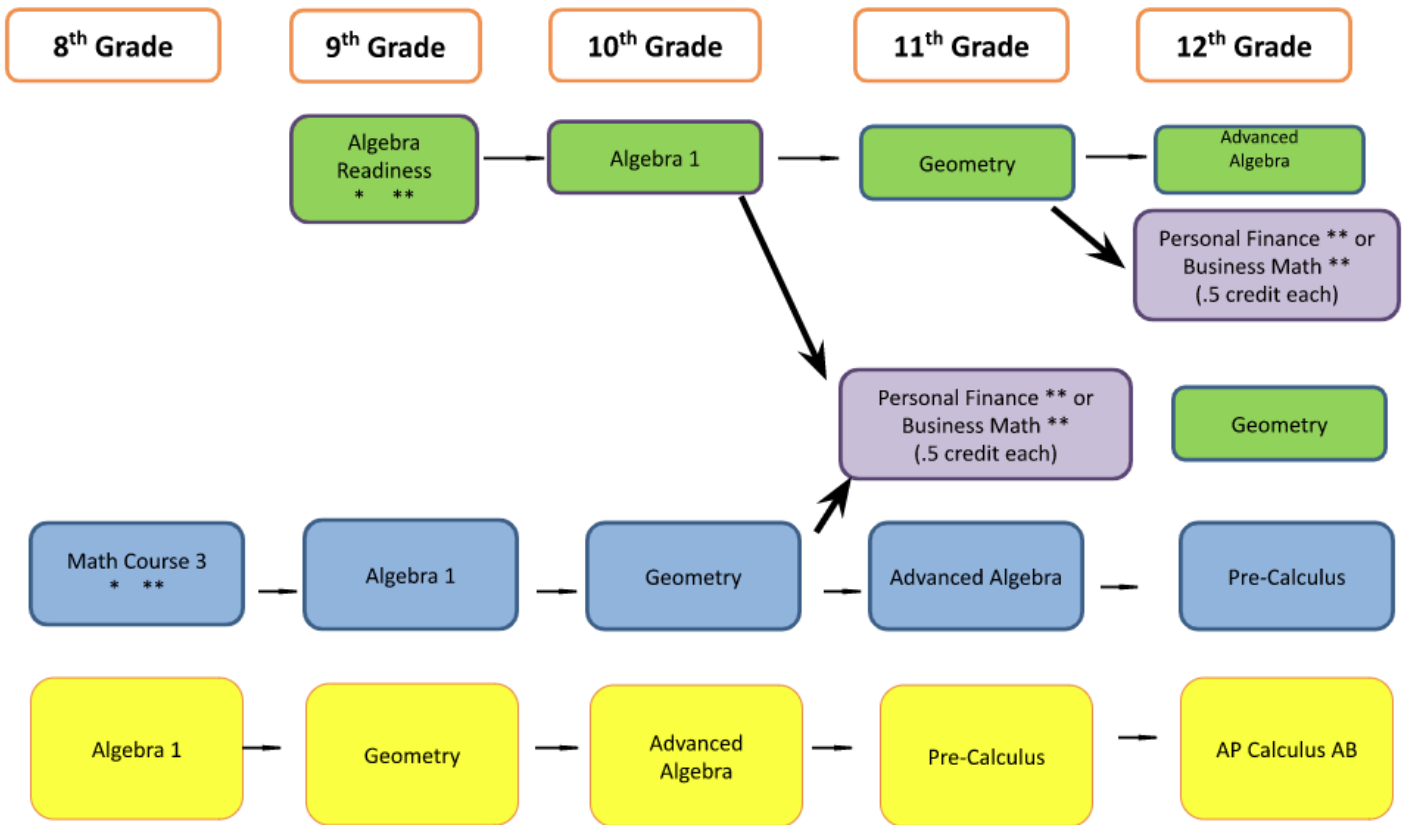
Length: One Semester

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

MATHEMATICS

- Title: **ALGEBRA READINESS** MM706 Length: Two Semesters
Prerequisite: Teacher Recommendation
This course focuses on mastery of computational skills and teaches the fundamentals necessary for algebra.
- Title: **ALGEBRA** MM725 Length: Two Semesters
Prerequisite: Pass Algebra Readiness (Pre-Algebra) or Teacher Recommendation
This course uses real-life situations to teach algebraic issues including the addition, multiplication, and factoring of algebraic expressions; solving and graphing linear and quadratic equations; systems of equations; and probability. A scientific calculator is required.
- Title: **GEOMETRY** MM730 Length: Two Semesters
Prerequisite: Algebra
This course integrates coordinate and transformational approaches with real-world applications while developing deductive proof. Two-dimensional geometry focuses on similarity and congruence, perimeter and area, circles, and scatter and linear graphs. Uses algebraic skills such as linear and quadratic equation solving, factoring, and graphing. Explores solid geometry topics including nets, surface area, and volume. A scientific calculator is required.
- Title: **ADVANCED ALGEBRA** MM735 Length: Two Semesters
Prerequisite: Passed Geometry with C's or better or Teacher Recommendation
This course uses real-world applications to teach algebraic expressions, solving, linear and quadratic equation functions, powers, roots, logarithms, and polynomial and trigonometric functions. Rational expressions, scatterplots, and linear programming are also covered. A graphing calculator is required, preferably a TI-83.
- Title: **PRE-CALCULUS AND TRIGONOMETRY** MM740 Length: Two Semesters
Prerequisite: Passed Advanced Algebra with C's or better or Teacher Recommendation
Explores function families: polynomial, trigonometric, circular, and logarithmic. This course also covers conic sections, polar coordinates, complex numbers, and series. A graphing calculator is required.
- Title: **ADVANCED PLACEMENT CALCULUS** MM755 Length: Two Semesters
Prerequisite: Pre-Calculus and Trigonometry
Calculus is a study of four main topics: limits, derivatives, definite integral, and indefinite integral. Students will *know* the definitions, *understand* the concepts, be able to *do* the operations, and then *apply* them to real world problems. AP is a college-level course. Depending on individual institutional policies, students who successfully complete the AP exam may earn college credit. When students take this course, it is assumed that they will take the AP test at the end of the year. A graphing calculator is required, preferably one with a symbolic manipulator such as the TI-89 or equivalent.
*** Having met or exceeded the expectations for Advanced Placement coursework by colleges and universities, this course is authorized by The College Board to use the AP® designation.*
- Title: **PERSONAL FINANCE - 1st Semester** MM726 Length: One Semester
Prerequisite: Junior/Senior Standing; Passed Algebra
This course places an emphasis on personal finance, which includes math-related topics such as budgeting income, income tax, loans, investments, credit cards, saving, cash purchasing and others.
- Title: **BUSINESS MATH - 2nd Semester** MM727 Length: One Semester
Prerequisite: Junior/Senior Standing; Passed Algebra
This course places an emphasis on application of mathematical concepts in the business world. Topics include small business, taxes, payroll, investing, capital, loss, assets, liabilities, basic accounting, licensing, government agencies and others.
- Title: **MATH FOR TRADES** MM723 Length: One Semester
Prerequisite: Co-Enrollment in either advanced welding or construction
This course focuses on mastery of computational skills, problem solving strategies, and use of mathematical formulas common in the trades. All math work is learned in the context of the trades being studied.

Math Flow Chart by Grade



*Course not approved for APS by KPBSD **Not NCAA Approved

PHYSICAL EDUCATION

Title: **LIFE ACTIVITIES**

PP705

Length: One Semester

This is an introductory PE class, and is a prerequisite to all other Physical Education classes at Soldotna High School.

This course will provide a variety of well-rounded movement experiences designed to increase student knowledge and skills about their physical well-being. Students will be introduced to the basics of weight training, mobility, and aerobic conditioning, which will be expanded upon in all subsequent physical education courses at Soldotna High School. The course also includes an introduction to dance, swimming, and several other individual and team sports. The Life Activities curriculum is designed to give students the confidence and motivation to improve and maintain an active, healthy body, mind and lifestyle, and to pursue the challenges of new physical activities throughout their lives.

Title: **MOVEMENT & ACTIVITIES - Yoga**

PP720

Length: One Semester

Prerequisite: Life Activities

Fee: \$10

This course is designed to expand upon the lifetime fitness skills previously introduced in the Life Activities course through weight training, mobility, metabolic conditioning, and body weight movements. The curriculum is focused on keeping the body moving through walking, yoga, game play, swimming, and other aerobic activities.

Title: **PHYSICAL TRAINING**

PP715

Length: One Semester

Prerequisite: Life Activities

Fee: \$10

The goals of Speed Strength Training (Physical Training) will be to improve flexibility, speed, agility, jump ability, lifting technique, strength, power, stability and core strength. These areas must be improved through training to improve performance, reduce injury potential and optimize athletic ability. Quarterly fitness tests will be given to test physical and athletic improvements.

SCIENCE Life Science

Title: **BIOLOGY 1**

SS710

Length: Two Semesters

Fee: \$10 for the year

Recommended for freshmen. This course will study plants and animals, followed by a more intensive investigation of the genetics, anatomy, and ecology of both plants and animals. Learning experiences will include laboratory work, projects, activities, and lectures. **Biology is the prerequisite for Marine Biology, Anatomy and Physiology, and Advanced Placement Biology.**

Title: **ADVANCED PLACEMENT BIOLOGY**

SS735

Length: Two Semesters

Fee: \$10

Prerequisite: Biology 1 with a "B" or better/Chemistry Recommended. Junior or senior standing.

Advanced Placement Biology course is designed to be the equivalent of a college-level introductory Biology course, usually taken by biology majors during the first college year. It is also recommended that students successfully complete one year of high school Chemistry or Human Anatomy prior to enrolling in this course. AP is a college-level course. Depending on individual institutional policies, students who successfully complete the AP exam may earn college credit** Having met or exceeded the expectations for Advanced Placement coursework by colleges and universities, this course is authorized by The College Board to use the AP® designation. Will be offered every other year.

Title: **ANATOMY & PHYSIOLOGY**

SS725

Length: Two Semesters

Fee: \$10

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

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

Title: **MARINE BIOLOGY** SS730 Length: Two Semesters
Fee: \$10
Prerequisite: Biology 1/Sophomore standing
Marine Biology is designed to provide students with opportunities to investigate the physical and biological aspects of the marine and aquatic environments. Emphasis will be placed on physical dynamics such as currents, tides, and salinity, along with how they affect the animal and plant life as well as the dynamics and interrelationship of the ecosystems.

Title: **ENVIRONMENTAL SCIENCE** SS740 Length: Two Semesters
Fee: \$20
Environmental Science is a Junior/Senior level elective life science course. In this course the focus will be on studying Ecology with a very strong emphasis on Alaska ecology. The students will engage in the Alaska outdoor lifestyle, and also explore how humans play a vital role in the overall ecology on the landscapes throughout Alaska. Student's will get an in-depth look at jobs within wildlife management, and population ecology in Alaska.

SCIENCE

Physical Science

Title: **EARTH SCIENCE** SS750 Length: Two Semesters
Fee: \$10
This course covers the study of geologic time and is designed to provide students opportunities to investigate the structure and composition of the earth and how it changes over time. In-depth study through lab activities, group projects, and independent research will concentrate on topics of special interest to Alaskans: volcanoes, earthquakes, and oil-related topics (minerals and rocks). Astronomy basics will also be covered.

Title: **PHYSICAL SCIENCE** SS755 Length: Two Semesters
Fee: \$10
Prerequisite: Algebra (previously or concurrently)
This course is divided into major areas: chemistry, electricity, energy, force and motion, and technology. Students will explore the scientific principles and application of technology through investigations. This course is a preparation for Earth Science, Chemistry and Physics courses.

Title: **CHEMISTRY** SS775 Length: Two Semesters
Fee: \$10
Prerequisite: Advanced Algebra (previously or concurrently)
Chemistry is presented as a hands-on, laboratory-based course. The topics covered are designed to prepare students for basic college chemistry. Coursework is integrated with other academic disciplines.

Title: **ADVANCED PLACEMENT CHEMISTRY** SS776 Length: Two Semesters
Fee: \$10
Prerequisite: Chemistry with a "B" or better, enrollment or completion of Pre-Calculus/Trigonometry and junior or senior standing.
The Advanced Placement Chemistry course is designed to be the equivalent of a college-level introductory Chemistry course. Science majors usually take this course during their first college year. Depending on individual institutional policies, students who successfully complete the AP exam may earn college credit. ** Having met or exceeded the expectations for Advanced Placement coursework by colleges and universities, this course is authorized by The College Board to use the AP® designation. **Depending on student requests, will be offered every other year.

Title: **PHYSICS** SS780 Length: Two Semesters
Fee: \$10
Prerequisite: Advanced Algebra (previously or concurrently)
An introduction to physics, involving motion, energy, gravity, waves and relativity. This course is designed as advanced science for students who are interested in the sciences or would like a head start for further college science courses. Physics will involve mathematical applications, with the primary focus being conceptual understanding.
** Dependent on request numbers during registration.

Title: **ROBOTICS 1**

SS795

Length: One semester
Fee \$10

This is a project based learning class using the FIRST curriculum and materials. A big part of project-based learning and the FIRST experience is failure. Students will not have all the answers at the beginning and neither will the teacher. Learning comes through trying, failing, iterating, and trying again.

SOCIAL STUDIES

Title: **WORLD HISTORY**

TT705

Length: Two Semesters

Prerequisite: Sophomore standing

This tenth-grade program focuses on the history of the major cultures and societies of the world. Historical perspective is provided on major world events, movements, and conditions. This course enables the student to understand the world through exploration of the histories and cultures of past and present societies. Emphasis is on the acquisition and application of social studies skills within the context of world history. Students will apply concepts and knowledge from social studies disciplines such as geography, government, and economics, in addition to other disciplines such as world literature and science. Current events will help students see the link between past and present. Supplies: A box of colored pencils and a ruler.

Title: **ADVANCED PLACEMENT WORLD HISTORY: MODERN**

TT706

Length: Two Semesters

Prerequisite: There are no prerequisites for AP World History: Modern. Students should be able to read a college-level textbook and write grammatically correct, complete sentences. However, this is a difficult course; students should consult with previous social studies teachers and the teacher of this course regarding expectations.

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present after a survey of events starting from 8000 B.C.E. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. AP World History: Modern is designed to be the equivalent of an introductory college or university survey of modern world history. Depending on individual institutional policies, students who successfully complete the AP exam may earn college credit. Units are established by the Advanced Placement system. ** Having met or exceeded the expectations for Advanced Placement coursework by colleges and universities, this course is authorized by The College Board to use the AP® designation.

Title: **U.S. HISTORY**

TT710

Length: Two Semesters

Prerequisite: Junior standing

The eleventh-grade program is a comprehensive, integrated course in United States history from the Civil-War Era to the present. This course is organized chronologically but may be taught thematically, and is intended to serve as a capstone for U.S. History studies in the elementary and secondary schools. In-depth, student-centered exploration of issues relevant to historical inquiry and methodology will be emphasized. Integration with the 11th grade language arts curriculum through American literature will emphasize reading, writing, listening, speaking, research, critical thinking, and technical skills within a historical context.

Title: **ADVANCED PLACEMENT U.S. HISTORY**

TT715

Length: Two Semesters

Prerequisite: There are no prerequisites for AP U.S. History. Students should be able to read a college-level textbook and write grammatically correct, complete sentences. However, this is a difficult course; students should consult with previous social studies teachers and the teacher of this course regarding expectations.

In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. Depending on individual institutional policies, students who successfully complete the AP exam may earn college credit. Units are established by the Advanced Placement system. ** Having met or exceeded the expectations for Advanced Placement coursework by colleges and universities, this course is authorized by The College Board to use the AP® designation.

Title: **GOVERNMENT**

TT720

Length: One Semester

Prerequisite: Senior standing

The twelfth-grade social studies program focuses on the American political system and preparation of students for effective and productive citizenship. Government provides an in-depth, content-specific study of the Constitution, comparative political and economic systems, federal, state and local governments, International relations, and rights and responsibilities of the individual. The American legal system, legislative processes, and the Bill of Rights will be critically examined in order to invite student activism and involvement in democracy. Exposure and participation to real life experiences is a major focus in this course. Identification of issues crucial to the maintenance of democratic institutions is emphasized with a view toward resolution.

Title: **ALASKA HISTORY**

TT730

Length: One Semester

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

Title: **GEOGRAPHY**

TT745

Length: One Semester

Course keeps geography relevant and up-to-date through country-by-country coverage and helps students understand how geography affects their lives.

Title: **PSYCHOLOGY (ELECTIVE CREDIT ONLY)** TT758

Length: One Semester

Prerequisite: Sophomore standing

Psyche – the mind, soul, or spirit; logos – the study of. This class is an introduction to the study of the behavior and thinking of organisms. We will examine the history of psychology and theories of differing psychologists over time. The class curriculum will include most of the following: the study of sensation and perception, motivation and emotion, stress and health, principles of learning, psychological testing, theories of personality, and psychological disorders. Each quarter students will either conduct experiments or choose a topic for a more in depth study. This course can be used to count towards APS for Social Studies track.

Title: **SOCIOLOGY (ELECTIVE CREDIT ONLY)**

TT765

Length: One Semester

Prerequisite: Sophomore standing

Sociology is an elective course that studies human society and social behavior. The way that we view the world comes from what we learn in our everyday activities. This course deals with the social atmosphere that helps to make us who we are and how we behave. Sociology will cover topics such as culture, violence, deviance, social control, socialization and personality, group behavior, social class and social institutions. The key component of this course is the study of ourselves and the society that influences our behavior. This course can be used to count towards APS for Social Studies track.

PUPIL SERVICES

The Pupil Services Department at Soldotna High School develops and implements individualized education programs (IEPs) designed to meet the unique learning needs of specifically identified students, as those students earn high school diplomas and plan for their futures. Special Services staff works closely with parents and students to develop these individualized education programs. In a very broad sense, the focus of these individual programs falls into three categories:

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

Title: **LIFE LIVING SKILLS**

YY705

Length: One Semester

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

Title: **STUDY SKILLS**

XX710

Length: One Semester

Study Skills is designed for the student who is enrolled in one or more general education courses for which he/she may need additional assistance or time to do the work required. This course also provides an alternate location for test taking and other projects. In addition to assistance with general education courses, students will be given individualized assistance in the skill areas of organization, note taking, testing, listening, studying, behavior, and other areas as needed.

CAREER-BASED LEARNING (CBL)

Title: **COOPERATIVE WORK EXPERIENCE**

Prerequisite: Juniors or Seniors Only

WW705

Length: One - Four Semester

Cooperative Work Experience

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

WORKFORCE DEVELOPMENT COURSES AFTER-SCHOOL ACADEMIES

**See the One Stop portal on the KPBSD website to check for updates and more information on academies offered through the Workforce Development Center, throughout the school year.

PRACTICAL ARTS Health and Human Services Career Pathway

Title: [AVIATION I](#)

II870/SS870

Length: One Semester

Fee: \$20

Designed as an exploratory class, this course prepares students for an entry level position in the air transportation industry, by introducing them to a wide variety of available career options. This course is designed to be “hands-on”, covering the basic elements of Piloting, Air Traffic Control, and Aviation Administration. This class will also prepare students to pass the FAA Private Pilot Ground School knowledge test.

Title: **EMT 1**

HH775

Length: One Semester

Fee: \$20

Presents skills for proficiency in victim assessment, recognition, and treatment of medical emergencies and other basic life support procedures. Introductory knowledge and skills needed to become an Emergency Medical Responder. Prepares the students for the state and/or the national EMT certification process. May include practicum experience in hospitals, emergency rooms or other sites. Provides the necessary training to become state or nationally registered as an EMT, which is optional. Students must be at least age 18 prior to take the state certification and/or the required number of the 180 hours to complete the program.

Title: **JUSTICE 1**

HH825

Length: One Semester

Fee: \$10

Justice 1 is a forensic science class. It focuses on crime scenes, identifying and collecting different types of evidence, and how to analyze that evidence to solve crimes. Some course topics include handwriting analysis, toxicology, impressions (such as firearms, tool marks etc.), fingerprinting, and more.

The Distance Learning Program plans to offer the following classes during the 2024/2025 school year. Appropriately, highly qualified KPBSD instructors teach all classes. Classes are delivered via the Internet (some classes require a textbook) and can be taken at any time of the day. These courses may change depending on teacher availability and course numbers.

Advanced Placement

- [AP Calculus \(MM755\)](#) (Stephanie Cronin)
- [AP Computer Science Principles \(BB920\)](#) (Beth Swaby)

Career and Technical Education (CTE)

- [Employability Skills* \(II930\)](#) (Jeff Moore)
- [Computer Apps 1* \(BB765\)](#) (Billeen Carlson)
- [Computer Apps 2* \(BB770\)](#) (Billeen Carlson)
- [Computer Apps 3* \(BB775\)](#) (Billeen Carlson)
- [Computer Science Principles \(BB725\)](#) (Beth Swaby)
- [AP Computer Science Principles \(BB920\)](#) (Beth Swaby)
- [Introduction to Education* \(HH840\)](#) (Emanuela Pokryfki)
- [Education Development and Psychology* \(HH845\)](#) (Emanuela Pokryfki)

Electives

- [Introduction to Art* \(AA705\)](#) (Billeen Carlson)
- [Art- Independent Study* \(AA755\)](#) (Billeen Carlson)
- [Health* \(JJ705\)](#) (Jen Johnson)
- [Keyboarding* \(BB705\)](#) (Jen Johnson)
- [Music Appreciation* \(UU755\)](#) (Jeff Moore)
- [Music Theory* \(UU760\)](#) (Jeff Moore)
- [Movement/Activity* \(PP720\)](#) (Andy Rothenberger)

Language Arts

- [Language Arts 9 A \(LL705A\)](#) (Jonathan Crocker)
- [Language Arts 9 B \(LL705B\)](#) (Jonathan Crocker)
- [Language Arts 10 A \(LL710A\)](#) (Jonathan Crocker)
- [Language Arts 10 B \(LL710B\)](#) (Jonathan Crocker)
- [Language Arts 11 A \(LL715A\)](#) (Joe Waarvik)
- [Language Arts 11 B \(LL715B\)](#) (Joe Waarvik)
- [Language Arts 12 A \(LL790A\)](#) (Joe Waarvik)
- [Language Arts 12 B \(LL790B\)](#) (Joe Waarvik)
- [Creative Writing \(LL750 A & B\)](#) (Jonathan Crocker) - Not available to 9th grade

*Indicates One Semester Course

Math

- [Algebra I A \(MM725A\)](#) (Andy Rothenberger)
- [Algebra I B \(MM725B\)](#) (Andy Rothenberger)
- [Geometry A \(MM730A\)](#) (Andy Rothenberger)
- [Geometry B \(MM730B\)](#) (Andy Rothenberger)
- [Advanced Algebra A \(MM735A\)](#) (Stephanie Cronin)
- [Advanced Algebra B \(MM735B\)](#) (Stephanie Cronin)
- [Personal Finance* \(MM760\)](#) (Jeff Moore)
- [Business Math* \(MM727\)](#) (Jeff Moore)
- [Pre-Calculus A \(MM745A\)](#) (Stephanie Cronin)
- [Pre-Calculus B \(MM745B\)](#) (Stephanie Cronin)
- [Calculus A \(MM750A\)](#) (Stephanie Cronin)
- [AP Calculus \(MM755\)](#) (Stephanie Cronin)

Science

- [Biology A \(SS710A\)](#) (Kim Leslie)
- [Earth Science A \(SS750A\)](#) (Kim Leslie)
- [Earth Science B \(SS750B\)](#) (Kim Leslie)
- [Physical Science A \(SS755A\)](#) (Kim Leslie)
- [Physical Science B \(SS755B\)](#) (Kim Leslie)
- [Physics A \(SS780A\)](#) (Andy Rothenberger)
- [Physics B \(SS780B\)](#) (Andy Rothenberger)
- [Environmental Studies A \(SS740A\)](#) (Andy Rothenberger)
- [Environmental Studies B \(SS740B\)](#) (Andy Rothenberger)

Social Studies

- [AK History* \(TT730\)](#) (Steve Cothran)
- [Government* \(TT720\)](#) (Steve Cothran)
- [U.S. History A \(TT710A\)](#) (Jonathan Crocker)
- [U.S. History B \(TT710B\)](#) (Jonathan Crocker)
- [World History A \(TT705A\)](#) (Steve Cothran)
- [World History B \(TT705B\)](#) (Steve Cothran)
- [Geography A \(TT745A\)](#) (Joe Waarvik)
- [Geography B \(TT745B\)](#) (Joe Waarvik)

World Languages (Emanuela Pokryfki)

- [French 1A \(WL705B\)](#)
- [French 1B \(WL705B\)](#)
- [French 2 B \(WL710B\)](#)
- [Advanced French \(3/4\) B \(WL715B\)](#)
- [Italian 1 B \(WL795B\)](#)
- [Spanish 1B \(WL765B\)](#)
- [Spanish 2B \(WL770B\)](#)
- [Advanced Spanish \(3/4\) B \(WL775B\)](#)