Anchorage School District
High School
Program Of Studies

This listing contains all courses approved by the School Board as of the date below. Not all courses are simultaneously offered at every high school.

Revised July 2007

ASD Non-Discrimination Statement:

It is the policy of the Anchorage School District to provide equal educational and employment opportunities, and to provide services and benefits to all students and employees without regard to race, color, religion, disability, national origin, gender, marital status, change in marital status, pregnancy, parenthood or other prohibitions. This policy is consistent with numerous laws, regulations, and executive orders enforced by various federal, state, and municipal agencies, including but not limited to Executive Order 11246, Title 41, part 60-1, 60-2, 60-3, 60-20, Title VI and VII of the 1964 Civil Rights Act, Title IX of the Education Amendments Act of 1972, and Section 504.

Inquiries or complaints may be addressed to the School District’s Equal Employment Opportunity Director, who also serves as the Title IX Coordinator, ASD Education Center, 5530 E. Northern Lights Blvd., Anchorage, AK 99504-3135, (907) 742-4132 or to any of the following external agencies: Alaska State Commission for Human Rights, Anchorage Equal Rights Commission, Director of the Office for Civil Rights, Department of Education, Department of Health and Human Services.

For information contact:
Anchorage School District Education Center
High School Education
5530 E. Northern Lights Blvd.
Anchorage, Alaska 99504-3135
(907) 742-4256
## TABLE OF CONTENTS

Graduation requirements ........................................... inside front cover

**General Information** ........................................... iv

- Anchorage High Schools ........................................... iv
- High School Alternative Programs/Schools ....................... iv
- Non-resident Tuition ........................................... vi
- Alaska High School Graduation Qualifying Examination (HSGQE) ........................................... vi
- About Scheduling ........................................... vi
- Course Withdrawal Procedures ................................... vii
- Grading Procedures ........................................... vii
- High School Credit for Middle School Students ................... viii
- Credit By Choice Program ....................................... viii
- Independent Study ........................................... x
- Student Foreign Exchange Programs ............................. x
- Alaska School Activities Association (ASAA) eligibility for sports and activities ........................................... x
- National Collegiate Athletic Association (NCAA) eligibilityx
- Tech Prep: college credits/trade organizations ................... xi
- Alternative Credits ........................................... xi
- How to read a course description ................................ xii
- High school four-year plan ....................................... inside back cover

**Course Descriptions** ........................................... 1

- Career Technology
  - Applied Academics (see specific subject areas:
    i.e., Math, Science, etc.) ........................................... 3
  - Career/Technology (After-school & summer school courses) ........................................... 3
  - Engineering & Industrial Technology ........................................... 6
  - Family and Consumer Sciences ........................................... 13
- Computers ........................................... 5
- English as a Second Language (ESL) ........................................... 8
- International Baccalaureate (West HS) ........................................... 15
- JROTC ........................................... 17
- Language Arts ........................................... 18
- Mathematics ........................................... 25
- Music ........................................... 29
- Physical Education/health ........................................... 31
- Science ........................................... 37
- Social Studies ........................................... 43
- Theatre Arts ........................................... 51
- Visual Arts ........................................... 51
- World Languages ........................................... 53

**General Electives** ........................................... 58

**King Career Center** ........................................... 62

- KCC Alternative Credits ........................................... 62-63
- Advertising, Art and Design ........................................... 64
- Alaska Railroad Tour Guide Training Program ......................... 64
- Automotive Maintenance Technology ........................................... 64
- Aviation Maintenance Technology ........................................... 65
- Aviation Technology ........................................... 65
- Body/Fender Repair ........................................... 65
- Business Technology ........................................... 65
- Carpentry ........................................... 65
- Computer Electronics Technology ........................................... 66
- Computer Science ........................................... 66
- Construction Electricity ........................................... 66
- Cooperative Work Experience ........................................... 70
- Cosmetology ........................................... 66
- Culinary Arts ........................................... 67
- Early Childhood Education ........................................... 67
- Emergency Medical Technology ........................................... 67
- Health Occupations ........................................... 67
- Horticulture & Landscape Design ........................................... 67
- Masonry ........................................... 68
- Natural Resources Management ........................................... 68
- On-the-Job Training ........................................... 70
- Photography ........................................... 68
- Public Safety & Security ........................................... 68
- Radio & Television Production ........................................... 69
- Rescue Technology ........................................... 69
- Retail Merchandising ........................................... 69
- Small Engines ........................................... 69
- Tourism ........................................... 70
- Welding ........................................... 70
- Work Readiness ........................................... 70

**Appendix A** – Common Paths in Science and Social Studies for Incoming Freshmen ........................................... 71

**Appendix B** – ASD English/Language Arts Graduation Requirements ........................................... 72

**Appendix C** – ASD Mathematics Graduation Requirements ........................................... 73

**Appendix D** – Conditions for Student Participation (ASAA) ........................................... 74

**Appendix E** – NCAA Eligibility Requirements ........................................... 76

Index ........................................... 78
GENERAL INFORMATION

Anchorage High Schools
AVAIL, 425 C Street ............................. 742-4930
Bartlett High, 25500 N. Muldoon .................. 742-1800
Benson Secondary, 4515 Campbell Airstrip Rd. 337-0016
Chugiak High, 1625 Birchwood Loop Rd., Chugiak 742-3050
Continuation, 401 International Airport Rd. #27 . . . 742-1170
COHO High, 16255 Birchwood Loop Rd., Chugiak. 742-3027
Dimond High, 2909 W. 88th .......................... 742-7000
Eagle River High, 8701 Yosemite Drive ............. 742-2700
East High, 4025 E. Northern Lights Blvd. ........ 742-2100
Polaris K–12 School, 6200 Ashwood St. ............. 742-8700
King Career Center, 2650 E. Northern Lights .... 742-8900
SAVE, 410 E. 56th Ave. ............................ 742-1250
SEARCH. 4515 Campbell Airstrip Rd. .............. 337-0016
Service High School, 5577 Abbott Road ............. 742-8100
South Anchorage High School, 13400 Elmore Rd. . 742-6200
Steller Secondary School, 2508 Blueberry ............ 742-4950
West High, 1700 Hillcrest Drive ..................... 742-2500

High School Alternative Programs/Schools

The district has a number of special purpose programs for students with special interests and needs and where individualization is emphasized. Students earn credits and meet district requirements in a variety of ways and these programs are characterized by curricular innovation along with basic skills development. A brief description is included here. If you have any questions, check with your counselor.

AVAIL

The AVAIL program is an alternative program to help school dropouts return to school. Priority is given to those students who have been out of school for at least 90 school days and are at least 16 years of age. The school is part of an educational/business partnership. Emphasis is placed on developing self-esteem, remedial educational skills, and readiness for work skills. Applications are available by contacting the staff at 742-4930.

Bartlett, Humanities Interdisciplinary Program (HIP)

HIP is an alternative to traditional education at Bartlett High School. The curriculum is integrated each quarter around a theme. Each theme has an English, social studies and community component. This program is for tenth, eleventh and twelfth graders of all abilities. HIP is coordinated by a team of three teachers who write and teach the curriculum in the spirit of a shared philosophy. The HIP team is composed of an English teacher, a social studies teacher and a vocational education teacher. Within HIP, there are a variety of seminars, workshops and integrated activities.

Charter Schools

Opportunities to attend charter schools are available within the Anchorage School District. Please check with your home school for a list and description of charter schools. Charter school students, with principal approval, may take courses at comprehensive high schools or King Career Center.

Chugiak, World Discovery Seminar Program (WDS)

The World Discovery Seminar Program serves students at Chugiak High School. WDS is an alternative, smaller learning community and official ASD school-within-a-school. Rather than relying on textbooks, the program employs the Paideia methodology, a Socratic-based learning/technique focusing on in-depth understanding of classic historical and literary materials. With the teacher facilitating the discovery learning process, the students answer real life questions about literature, historical documents and essay writing. Verbal and written expression of ideas coming out of the seminar process is emphasized over answering “end of chapter” questions and taking quizzes. Interesting projects and hands-on activities are also fundamental to the class work.

The basic concept is to assist young people to become avid, self-motivated, lifelong learners. Emphasis is placed on deeper understandings rather than general content. Self-expression is highlighted through the many varied activities comprising the World Discovery Seminar approach. It is through the interaction of various opinions and responses that the classroom group is able to draw conclusions and reach consensus on the significance of great historical, literary, mathematical and scientific ideas.

COHO High

COHO is an alternative high school program that primarily suits the needs of students who are behind in credit, who are not being successful in their current educational setting, or who need a different approach to learning. Credit is earned at COHO via successful completion of academically rigorous studies primarily acquired through the Apex on-line learning program. Teachers are available to assist 24 hours a day, 7 days a week, so that students may work at their own pace. The program is self-paced and works best for students who are self-motivated. Elective credit may also be earned through work experience. Students attend one half-day session and are expected to continue their work at home for additional time during the day.

Continuation Program

The Continuation School is an individualized online instructional program for middle and high school students expelled from the ASD for violations of school policy. The program provides students with core academic instruction designed to meet the requirements for promotion to the next grade level and progress towards graduation. The programs allow a student to continue to receive academic instruction while he or she is completing requirements for reinstatement into the school district.

Crossroads

Crossroads is the Anchorage School District’s school for pregnant and parenting teens. Crossroads provides a supportive instructional environment which allows students to continue their education while pregnant and/or parenting. A complete program of instruction is provided with an emphasis on core academics. The program utilizes online instruction in conjunction with traditional coursework to meet the academic needs of students. Maternity health is offered and community support contacts are
available for students. The staff at Crossroads is committed to providing quality instruction in an environment that fosters regular school attendance and student responsibility for learning.

East High, Elitnaurvik (EWE)

Elitnaurvik-Within-East is designed specifically for Alaska Native and American Indian students. Elitnaurvik in Yupik means “a place to learn.”

This program helps Native students adjust to the large Anchorage schools. The primary emphasis is basic skills with a secondary emphasis of improving attendance, cultural identification and family outreach. Elitnaurvik provides culturally-based education, required courses with a Native emphasis, Native-based PE and after-school activities. EWE students take classes both in EWE and the standard East High School program.

East High, School-Within-A-School (SWS)

East High School’s School-Within-A-School emphasizes student responsibility and productivity. Students are expected to develop self-reliance, to cultivate intellectual curiosity and to seek academic challenge.

Students earn credit in a number of ways, including traditional class work, independent studies and small group research. They may take up to three classes in the regular East program (although two is the recommended limit) or a class at the King Career Center.

The SWS program is open to students from throughout the District, but is limited to 200 students. Attendance zone exceptions are automatically granted to students accepted into School-Within-a-School. Students must provide their own transportation.

King Career Center (KCC)

The Martin Luther King Jr. Career Center offers vocational/technical training in 26 occupations for students in grades 11-12. KCC courses provide academic and elective credit, and some courses offer concurrent college credit through Tech Prep. KCC courses are hands-on learning with the latest technology and equipment. At KCC students learn skills that will help them in college or at a technical school, in a trade organization training program or going directly to work. Our students tell us that they are better prepared for life after high school because of the skills and knowledge gained through their KCC classes.

Students spend the equivalent of three periods at KCC and earn 1.5 credits for each semester class. Bus transportation is provided from students’ home schools or they may drive. Students who meet requirements in their second semester may earn credit by doing on-the-job training with mentors throughout the city. Students may also earn credit toward graduation for working a part-time job that relates directly to their KCC course. Please note that KCC courses do not meet NCAA guidelines.

McLaughlin

McLaughlin Youth Center provides short-term and long-term residential care for institutionalized delinquent adolescents from throughout the state. The Anchorage School District administers a comprehensive educational program for McLaughlin residents.

Students receive instruction in the basic academic areas, physical education, technology and vocational studies. Students receive all resources that are appropriate through the Anchorage School District. There is a school-wide Title I program and a full-time bilingual tutor. On an as-needed basis, the school can use resources from other district programs such as Bilingual, Indian Education and psychologists. Residents are assisted in earning a high school diploma or a GED certificate.

Individual programs are developed for each student with the goal of GED or high school diploma.

Newcomers’ Center

The Newcomers’ Center offers students in grades 7–12 who are monolingual speakers of languages other than English an opportunity to enroll in a two-and-one-half hour block period at the King Career Center. Certificated teachers, with the assistance of a bilingual tutor and bilingual counselor, provide students with necessary survival skills in the English language as well as basic concepts in language arts and social studies.

Polaris K–12 School

Polaris K-12 School is for students, parents and teachers who want an emphasis on self-directed learning and active participation in education. Students are in multi-age groups based on interests, needs and developmental levels. Instruction methods focus on “doing,” the experiential approach to learning. In practice, this means extensive use of manipulative teaching materials, forming and testing hypotheses, numerous field trips and classroom visits by a variety of resource persons. Community involvement and parent participation are an integral part of the program.

SAVE and Benson

SAVE and Benson are specialized programs for students who are behind in credit, highly motivated and want to graduate on time with their class. This is a work/study program that combines work experience and regular high school academic requirements for completion of a high school diploma.

Students age 16 and over who do not have enough credits to graduate, have failing grades, poor attendance or who have already dropped out of school are eligible for SAVE. Students must be referred by their counselors. Final recommendation for acceptance into the SAVE program is determined after a student/parent/teacher interview.

There are two locations: SAVE, 410 E. 56th Ave. and Benson, 4515 Campbell Airstrip Road. These programs integrate work experience with regular high school curriculum requirements. Credits are earned after students have completed contracts with their teachers. The student attends class for three hours a day. In addition, each student must be involved in work experience or vocational training, for which they receive credit.

SEARCH

SEARCH is an individualized program designed for students who are experiencing attendance and discipline problems. Generally these students are in grades 7, 8 and 9. The program utilizes behavior modification techniques.

Service High, AVID Program

The mission of AVID is to ensure that all students, and
especially the least served students who are in the middle, will succeed in rigorous curriculum, complete a rigorous college preparatory path, enter mainstream activities of the school, increase their enrollment in four-year colleges, and become educated and responsible participants and leaders in a democratic society.

Service High, The Seminar School (TSS)

The Seminar School serves 200 students and is characterized by the use of the Socratic seminar method, a strong sense of community and a learning environment that emphasizes independence, trust, personal responsibility and an open mind. The TSS curriculum is built on the consideration of classic texts that span the history and breadth of human experience. Students of the Seminar School are diverse in character and ability and work together in a multi-grade level setting (9-12) for a portion of their classes. Students can fulfill all language arts and social studies requirements along with some science and math requirements through TSS classes.

Steller Secondary School

Steller is a school that provides students with opportunities to be self-directed, independent and responsible learners. Steller offers a personalized education for grades 7 through 12 where students can define their own educational goals with the help of parents and staff. Steller Secondary School fosters an educational environment based on student responsibility and freedom.

Steller classes focus on educational process and provide opportunities for the development of leadership skills, problem solving proficiency, self-assessment abilities, decision-making skills and goal setting. Self-directed learning is a vital part of the Steller program. Active involvement within both the Steller community and the community of Anchorage is also important. Steller follows the ASD guidelines for educational content and graduation requirements.

West High, International Baccalaureate (IB)

The IB Diploma Program is a rigorous two-year college preparatory set of classes for juniors and seniors. Diploma candidates must take seven core classes: English, a second language, math, science, social studies, an art elective and philosophy. West High is the only IB program in the Anchorage School District. More than 25 West staff have had specialized IB training. IB is taught in more than 1500 schools in over 115 countries. For additional information about non-resident tuition, please contact the school principal.

Alaska High School Graduation Qualifying Examination (HSGQE)

In 1997, the Alaska Legislature enacted a law requiring all Alaska high school students to pass an examination before they can receive a high school diploma. This is in addition to completing all course requirements. Students who have met the credit requirement but have not passed the examination will receive a certificate of achievement but not a diploma. This requirement began with the graduation class of 2004.

The HSGQE consists of three subtests: reading, writing and mathematics.

Students must take the grade 10 SBA/HSGQE for the first time in the spring of the 10th grade. The SBA/HSGQE at the 10th grade will generate a score for the HSGQE graduation requirement and a score for assessing the student’s performance based upon the Grade Level Expectations for a 10th grader. The HSGQE Retest is offered twice a year, once in the spring and again each fall, for 11th and 12th graders. Eleventh and 12th-grade students who need to retake one or more subtests of the HSGQE must retest at least once each year until they meet the proficiency requirement. Students receiving a certificate of achievement can retest twice each year until they meet the proficiency requirement. Once the student with a certificate of achievement has passed all three subtests of the HSGQE, he/she will be awarded a diploma.

About Scheduling

Scheduling for the year is done beginning in February with juniors and continuing with sophomores, freshmen and current 8th graders.

A school’s master schedule is developed by taking all student course requests (from a list of all approved ASD courses) and cre-
Grading Procedures

Reporting periods are nine weeks in length although courses are taken by semester. In high school, the first report or grade is a notice of a student's progress up to the middle of the semester. The final semester grade is based on the total amount of contribution a student has made to the course during the entire semester and is the grade recorded on the transcript. In high school, if a student fails one semester of a full-year course and successfully completes the other semester of the same course, credit is granted and is the grade recorded on the transcript. In high school, if a student fails one semester of a full-year course and successfully completes the other semester of the same course, credit is granted and is the grade recorded on the transcript. In high school, if a student fails one semester of a full-year course and successfully completes the other semester of the same course, credit is granted and is the grade recorded on the transcript.

Grading System

“A” This mark indicates the student has done work in quality and quantity far in excess of the standards set forth for a satisfactory grade in the course.

“B” This mark indicates that the student is doing work in quality and quantity above the standards set forth for a passing grade in the course.

“C” This mark is a satisfactory passing grade. It indicates that the student is acquiring the necessary information to proceed in the subject. He/she is meeting the standards set for a passing grade in the course.

“D” This mark indicates that the student is not effectively mastering the work assigned but has sufficient understanding of the subject to justify the opinion that more growth will result from advancement than from repetition of the course.

“F” Insufficient progress in the subject to merit granting of credit in the course.

“WF” Student has been withdrawn from the course “failing.”

“J” Audit—Indicates a student is auditing a course for his/her benefit. This does not count towards credit for graduation and must be approved prior to the 10th day of the course. Students are still required to complete course work.

Weighted Grades

The Anchorage School Board has approved weighted grades for Advanced Placement (AP) and International Baccalaureate (IB) courses. While an “A” is normally worth four points in calculating a student’s grade point average (GPA), a weighted “A” is worth five points; a weighted “B” is worth four points; a weighted “C” is worth three points; a weighted “D” is worth two points and an “F” is worth no points. The Anchorage School District does not offer weighted grades for college course work except for the following courses: APU Early Honors Calculus and APU Early Honors Physics.

Transcripts

High school transcripts are legal documents and may not be amended, except to correct grade errors, once courses and grades have been entered. Prior to requesting inclusion of Credit by Choice grades, including high school credit for courses taken during middle school, consider the effect these non-weighted grades will have on class rank.

Honor Roll

High school students earning a 3.5 grade average will be eligible for the honor roll. Any “F” or “D” grade will disqualify a student for that grading period. A high school student must be enrolled in a minimum of four subjects and grades in all courses will be considered.

Anchorage School District Academic Letter

To earn an ASD academic letter, a 3.5 GPA must be maintained for two consecutive semesters. These semesters need not fall in order of fall and spring semester, but may be considered consecutive if the GPA is earned spring semester and the following fall semester. Each semester subsequent to the awarding of the academic letter that a student earns 3.5 to 4.0 GPA, a silver star is awarded. Any semester subsequent to the awarding of the academic letter that a student earns a 4.0 GPA, a gold star is awarded.
Honors Group

To give recognition for high scholastic achievement, the Anchorage School District has established standards for the selection of members of an Honors Group. A student who has a cumulative GPA of 3.5 by the semester prior to graduation will be eligible for membership in the Honors Group.

Honors graduates will be given recognition at graduation and on their transcript in the following manner:

1. Students with a GPA of 3.50 to less than 3.76 will be designated as having graduated cum laude;
2. Students with a GPA of 3.76 to 4.0 will be designated as having graduated magna cum laude;
3. Students with a GPA of greater than 4.0 will be designated as having graduated summa cum laude.

High school credit for middle school students

Students may earn high school credit for taking certain high school-level coursework while in middle school. These credits will count toward high school graduation. Specific information is available from your counselor by requesting a Credit by Choice packet.

Credit By Choice program (CBC)

The Credit By Choice Program is designed to give students the opportunity to choose enriching learning experiences that are tailored to their personal educational needs and have them recorded on their high school transcript. This program is open to students currently enrolled in ASD high schools.

An overview of each program option is given below. While the curriculum assistant principal and counselors can respond to questions, it is the responsibility of the student to work independently to complete the application and carry out a program according to the prescribed guidelines once it is approved.

1. Students proposing a Credit By Choice (CBC) program must have prior written approval of their parents and the principal.
2. A certificated staff person must sponsor and/or supervise the student’s program. In the case of a waiver, this will be the principal.
3. ASD is the accrediting institution and sets standards for issuing credit. ASD is not the sponsoring agency for off-campus programs and is not responsible for the student’s personal or financial liability. Program expense is the responsibility of the individual.
4. CBC courses will be titled as such on the student’s transcript. Programs 1 (Educational Travel) and 6 (Community Service/Field Study) may be taken for elective credit only. Specific curriculum area credit will be recorded for programs 2 (Correspondence Course), 3 (College Course work), 4 (Early College Admissions Program), and 5 (Credit by Examination). Credit by Examination may not be done for physical education credit.
5. Any CBC course (first course attempt, grade improvement, credit recovery) completed during the fall or spring semester will be recorded on the transcript the semester it is completed. Any CBC course completed during the summer will be recorded on the transcript for the spring semester (as with summer school courses). Once the CBC course is recorded on the transcript, it will be included in calculating eligibility when the next eligibility establishment date occurs. Since CBC registration is recorded only upon program completion, CBC is not a course that can be included for calculating eligibility for full-time student status.
6. The grade received will be incorporated into the student’s high school grade point average (GPA) and will be counted to determine class rank and valedictorian. When computing valedictorian status, the ratio of weighted advanced placement to regular graded classes is significant.
7. Credit By Choice is not available to meet the requirement of Alaska Studies or Lifetime Personal Fitness.

Program No. 1 – Educational Travel

Credit may be earned for a planned learning experience gained through participation in a travel/study tour. The curriculum assistant principal must approve both the specific tour and teacher/sponsor before students may apply. Questions concerning specific credit requirements during travel/study tours should be directed to the teacher/sponsor.

A three-week tour program is eligible for 0.5 unit of credit and a six-week program may earn 1.0 unit of credit.

Travel supervisors must submit a completed application with supporting materials to the curriculum assistant principal for approval by April 15. Proposals must outline the type of educational travel, travel supervisor’s name, past experience with student travel, name of sponsoring company/affiliation, dates of departure and return, estimated number of student participants, goals and objectives, proposed itinerary, evaluation criteria, information on liability/medical coverage for participants, parent information forms and copies of releases. Forward a copy of the approved “Request for Out-Of-District Travel” (Form J- available from the Activities Office), taking care to specify names of sponsors/chaperones.

A student desiring credit for approved educational travel must complete the Credit By Choice application and submit it to the curriculum assistant principal in advance of the trip. Upon completion of the travel, the supervisor must provide the curriculum assistant principal with grade reports and submit supporting grade book and legend to the registrar.

Program No. 2 – Correspondence Course

The purpose of correspondence is to meet the special needs of students as approved by the school’s administration. Paramount consideration will be given to the student’s record in completing independent studies. To be approved, correspondence programs must be accredited. Courses must be proctored by certificated staff.

As of June 1, 2000, approved correspondence programs include: University of Nebraska, University of North Dakota and Brigham Young University. Others may be approved upon request. Application for approval of other programs may be done through the curriculum assistant principal.

Correspondence courses may be used for both makeup and acceleration.

A copy of the correspondence school application must accom-
pany the Credit By Choice application and must be received by the curriculum assistant principal prior to beginning the course.

Upon completion, the student must arrange for an official transcript to be submitted.

Program No. 3 – College Course Work

This program is designed to give eligible students currently enrolled in the Anchorage School District the opportunity to receive credit for certain courses through accredited institutions of higher education. The course should correlate with the career needs of the individual. Students must submit applications within two weeks after the beginning of the class. College courses must be 100 level and above. Students must register for at least three semester hours to receive 0.5 high school credit and six semester hours for 1.0 high school credit.

When the student has completed their college coursework, the student must arrange for an official transcript to be submitted.

Program No. 4 – Early College Admissions Program

This program would allow outstanding students with a grade point average of 3.5 or above to leave high school for college work prior to having the time and credits for graduation. The student would have the option of receiving his/her high school diploma after successfully completing the first year of college. The program would serve the student who has made definite plans for master and doctoral work.

To be considered, a student must have maintained at least a 3.5 GPA during the first three years of high school and all required grade level courses must have been completed prior to application for this Credit By Choice program.

Tentative acceptance by a college or university must be in evidence.

Upon completion of 24 undergraduate semester hours of credit at the college level, the student must furnish a transcript to the curriculum assistant principal so that a high school diploma may be granted.

Program No. 5 – Credit by Examination

Credit by examination is an opportunity for the advanced student to progress at his/her own learning rate in courses approved in the ASD’s Program of Studies. Credit may be awarded on demonstrated proficiency through an examination process. The test will be developed by a teacher selected by the curriculum assistant principal and will be equivalent to a final examination of a given course. A ninety-percent score is required to receive credit. A fee of $85 is required in advance to compensate the teacher for creating, administering and evaluating the test.

A student cannot be granted credit by examination for a course in which he/she has previously earned credit nor may he/she receive credit for a prerequisite course if they are presently enrolled in or have previously earned credit in an advanced course.

Laboratory courses are excluded from credit by examination procedure.

Upon receipt of an approved application for Credit By Choice, the curriculum assistant principal will appoint an examiner.

The examiner will select or construct an examination which is consistent with the approved course description and objectives. The examiner is expected to proctor the test, score it, notify the curriculum assistant principal of the results and submit the test materials to the registrar.

If credit is denied, a student may not reapply for credit by examination for the same course.

Program No. 6 – Community Service and Field Study/Physical Education Waiver

Credit may be earned through a planned community service program that provides learning experiences in the community. Students may also propose field studies in the community, such as a research project using the community or a unique educational opportunity only available in the field. One hundred twenty (120) hours of acceptable service will earn 0.5 unit of credit. Program approval may be done at individual school sites, but pre-approved district programs include [as of March 2007]:

- Anchorage Youth Court
- Johns Hopkins Institute for the Academic Advancement of Youth
- LEAP (Learning Enrichment Adventure Program)
- Western Alaska Council/Boy Scouts of America Explorer Program
- Allegro
- Peer Education Teen Trainers
- RARE-T (Reduce AIDS Risk in Teens) Peer Education
- Anchorage Youth Symphony (pass/fail only - therefore does not count in GPA calculation)
- Prudential Youth Leadership Institute (with additional hours to 120)
- Alaska Native Heritage Center Courses
- Cook Inlet Tribal Council
- Big Brother/Big Sisters High School Big Program
- Alaska Theatre of Youth – Summer Conservatory
- Going Places - Alaska Tourism Curriculum
- Trio Talent Search Upward Bound Program/Upward Bound Summer Program
- Youth Talent Search Upward Bound Program/Upward Bound Summer Program
- Anchorage Youth Court
- Concordia Language Institute is independently accredited by North Central Association of Schools as an intensive world language experience for high school students. Transcripts from Concordia should be sent to the home school for inclusion of credit on the student’s transcript.

Physical education programs will be approved on a case-by-case basis where the program covers four of the six recognized components of fitness. The six components of physical fitness are cardiovascular fitness, muscular strength, muscular endurance, flexibility, body composition and stress reduction. One hundred fifty (150) hours of acceptable activity/records will earn an equivalent 0.5 credit waiver.

Student proposals must include the following information: student name, coach’s name and contact number, description of coach’s qualifications, a detailed training outline with goals and objectives from the coach including the description of how four of the six components of fitness are addressed. Attach any available evidence of equivalence to ASD approved high school courses.

Students desiring a physical education waiver must also submit a journal documenting their workouts. At 60 hours, the journal
must be reviewed and signed by the curriculum assistant principal or the physical education department chairperson.

Program No. 7
Students may elect to add to their transcript certain classes taken during middle school to their high school transcript. Math courses of Algebra I or higher that are taken during middle school. The letter grades are entered on the transcript and calculated in GPA and class rank.

The World Languages Incentive Credit is an opportunity for students who have studied two years of a language at the middle school (courses 1A and 1B) to earn one “pass” elective credit. Upon successful completion of Level II of the same language with a “C” or better (both semesters) as 9th graders, students are eligible to request that the Incentive Credit be added to their high school transcript. The “P” credit is non-graded and will not affect GPA or class rank. The “P” credit will count as one year (Level 1) elective credit toward graduation requirements.

Independent Study
Senior high school students who have the self-discipline and interest for working independently may design a course of study according to their interests, abilities and plans. The course of study must contain requirements above the expected level of the regular class. Independent study is available at every high school but is not intended to duplicate courses already in the master schedule. Students should contact their counselors for more information.

Student Foreign Exchange Programs
The following information is necessary in order for a student to go from the Anchorage School District (ASD) to another country as an exchange student and return with credits that will count toward the student's graduation.

A. Prior to leaving for the exchange, a meeting between the student, parent/guardian and counselor must be initiated by the parent to prepare and complete the following:
   1. Credit Check
   2. Official transcript reflecting all courses completed
   3. Written plan for completion of graduation requirements upon return to the Anchorage School District that includes any correspondence courses the student may be taking during the exchange.

B. During the student's participation in the exchange program, the following two options are available for awarding credits:
   1. The student is provided an official transcript by the school they are attending in a foreign country which lists the course title, credit earned and grade. The student will need to provide the Anchorage School District with a course outline for each course listed on the transcript as well as a description of the official grading policies. The course outline will be used by ASD to determine whether the course meets a core academic requirement or will be elective credit.
   2. If a student is not able to receive an official transcript with recorded grades, the following must be provided to the Anchorage School District upon the student's return so decisions can be made regarding the awarding of credit:
      a. A list of courses taken with an official course outline. This needs to be signed by an administrator at the exchange school for verification. The course outline will be used by ASD to determine whether the course meets a core academic requirement or will be elective credit.
      b. An official accounting of time spent in each class. This must include the length of each class, number of days per week and the number of weeks the class meets. This must be signed by an administrator at the exchange school for verification.

C. Evaluation of an exchange student’s transcript when returning from a foreign country and awarding of credit will be based upon the following:
   1. If the student provides an official transcript with recorded grades, the student will be able to select either option “a” or “b” for recording of grades:
      a. P = Pass
      b. Letter Grade of A (90-100), B (80-89), C (70-79), D (60-69), F (below 60). Courses not completed will not be recorded.
   2. If the student is not able to provide an official transcript with recorded grades, an evaluation of the student’s work will be completed by the principal or designee and credit awarded based upon the following:
      a. 1/4 credit = 37 contact hours
      b. 1/2 credit = 75 contact hours
      c. 1 credit = 150 contact hours

The course outlines and accounting of time spent in each class will be used when making decisions about whether the course meets a core academic requirement or will be awarded elective credit. All credits awarded through an evaluation of course outlines and time spent in class will be graded on a pass/fail basis.

3. Since there is such a wide variation in school calendars in foreign countries, it is possible that the student may receive some grades and credits on an official transcript and some that are still in progress. The student has the option of receiving some of the credits through an official transcript from the exchange school as well as some credits by providing the documentation of time spent in class and course outlines.

If the student does not comply with the above requirements and records are either not provided or are incomplete, the student may risk losing credits needed for graduation. It is also possible that the student may need to take a correspondence course(s) while on the exchange in order to complete all of the graduation requirements.

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 and the rules and regulations of the Anchorage School District. Students will be subject to denial of 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, are in violation of the drug and alcohol rule, or commit criminal acts as defined in the ASD Statement of Students’ Right and Responsibilities. In all cases the Superintendent or his/her designee retains the right to review and revise any disciplinary action. Please refer to Appendix D for a complete description of the ASAA requirements.

**National Collegiate Athletic Association (NCAA) eligibility**

Students who intend to participate in Division I or Division II athletics as a freshman in college, you must be registered with and be certified as eligible by the NCAA Initial-Eligibility Clearinghouse. There are four parts of initial eligibility—graduation from high school, minimum core grade-point average, minimum ACT or SAT test score and completion of core courses. It is the responsibility of the student and their parent/guardian to work closely with their counselor to ensure that the eligibility requirements are met. King Career Center courses do not meet NCAA guidelines.

There is no deadline to register with the clearinghouse; however, you must be certified before receiving an athletics scholarship, practicing and competing at a Division I or II institution. The recommendation from the clearinghouse is to apply for certification after your junior year in high school. The clearinghouse will not process a transcript with fewer than six semesters represented.

You have two options for registering with the clearinghouse. You may complete your registration online at www.ncaaclearinghouse.net or complete and mail the Student Release Form available at the school registrar’s office.

Please refer to Appendix E for a complete description of the NCAA Division I and II freshman eligibility standards.

**Tech Prep: college credits/trade organizations**

Tech Prep is an articulation agreement between the Anchorage School District and post-secondary education institutions such as the University of Alaska Anchorage (UAA), University of Alaska Fairbanks (UAF), Art Institute of Seattle (AIS) or various trade organizations (TO)*. ASD students can earn lower division college credit when successfully completing high school tech prep courses or other advancements with the trade organizations. With the ASD-UAA articulations, a small registration fee and successful completion of the ASD course will earn students a credit recorded on their permanent college transcript. College credits provide a head start toward a post-secondary certification or degree, are transferable to other universities or colleges and activate the services for prospective students provided by the university’s advising and counseling office. Tech Prep agreements with other institutions or organizations may vary. The following courses presently have tech prep agreements:

- Advertising, Art & Design (KCC) – Art Institute of Seattle (AIS)
- Alaska Railroad Train Guide Training (KCC) – UAF/TVC
- Aviation Maintenance (KCC) – UAA
- Aviation Technology (KCC) – UAA
- Business Computer Applications 1 & 2 – UAA
- Business Technology (KCC) – UAA, AIS
- Carpentry (KCC) – TO*
- Child Development/Parenting – UAA
- Computer-Aided Drafting – UAA
- Computer Electronics Technology (KCC) – UAA, AIS
- Computer Keyboarding 1 & 2 – UAA
- Computer Science (KCC) – UAA, AIS
- Construction Technology (KCC) – TO*
- Culinary Arts (KCC) – UAA, AIS
- Early Childhood Education (KCC) – UAA
- Health Occupations (KCC) – UAA
- Horticulture (KCC) – TO*
- Masonry (KCC) – TO*
- Natural Resources Management (KCC) – UAA, UAF
- Nutrition/Food Preparation – UAA
- Photography (KCC) – AIS
- ProStart 2–4 – UAA
- Public Safety – (KCC) – UAF/TVC, WBU, SVC
- Radio & TV Production (KCC) – AIS
- Rescue Technology (KCC) – UAA, TO*
- Retail Merchandising (KCC) – AIS
- Tourism (KCC) – UAF/TVC
- Welding (KCC) – UAA, TO*

For more detailed information, please contact Office of Career and Technology Education, your high school counseling department, the instructor in any of the above listed courses, or tech prep, 786-6464.

* The following trade organizations have articulation agreements with ASD: Alaska Joint Electrical Apprenticeship and Training Trust; Alaska Operating Engineers/Employers Training Trust; Associated Builders and Contractors of Alaska, Inc.; Ironworkers Local Union 751; Maintenance Repairer, Industrial Apprentice Program; and Southern Alaska Carpenters Union Training Center.

The following post-secondary schools have articulation agreements with ASD: University of Alaska Anchorage, University of Alaska Fairbanks, UAF/TVC, Art Institute of Seattle, Wayland Baptist University, and Skagit Valley College.

**Alternative Credits**

The following Career and Technology Education courses can be taken for alternative academic credit when offered at Anchorage high schools. Courses taught at King Career Center that also provide alternative credits are listed on pages 62 and 63.

- Alaska Resources/Aviation Science
- Management of Alaska/Child Development/Parenting
- Resources/Food Science
- Applied Communications/Material Science &
- Applied Mathematics I & II/Construction
- Applied Technology 1, 2/Principles of Technology 1-4
Accounting 2. 850900
Grade level 10–12. One semester.
Prerequisite: Accounting 1.

A course for students wishing to further their knowledge in the accounting field. Instruction includes systems for handling cash receipts, payments, purchases and sales. It also deals with special accounting problems—depreciation, interest, bad debts, petty cash and payroll. Instruction in the class is individualized and offers further training in computerized accounting.
COURSE DESCRIPTIONS

The following information may aid you in understanding the course descriptions and other information contained in this Program of Studies planner.

Not all courses listed here are offered in all schools at any one time.

BUSINESS/MARKETING EDUCATION

Accounting 1 ........................................ 850800
Grade level 10–12. One semester.
Prerequisite: None.

A semester-long course in which students will acquire a knowledge of accounting concepts using both manual and computerized methods. The course takes the student through the basic steps in the accounting cycle of a privately-owned service business.

Accounting 2 ........................................ 850900
Grade level 10–12. One semester.
Prerequisite: Accounting 1.

A course for students wishing to further their knowledge in the accounting field. Instruction includes systems for handling cash receipts, payments, purchases and sales. It also deals with special accounting problems—depreciation, interest, bad debts, petty cash and payroll. Instruction in the class is individualized and offers further training in computerized accounting.

Accounting 3 ........................................ 851000
Grade level 11–12. One semester.
Prerequisite: Accounting 2.

This course is designed for students with an interest in an accounting or business career who want to broaden and improve their knowledge and application of computerized and manual accounting.

Materials Fee Required

Some courses will contain this phrase. Such classes require students to purchase items that are personally consumed or are projects which when completed are taken home. This requirement is found in most art, family & consumer science, and career technology courses.

Other Requirements

Some courses have unique needs which are the student’s responsibility. For example, ice hockey requires students to furnish their own skates and music classes require students to supply their own instruments.

Course Length

If a course is a semester in length, credit will be awarded for successful completion at the end of each semester. If a course is a quarter in length, credit will be awarded for successful completion at the end of each quarter. Quarter credit is not given for successfully completing nine weeks of a semester course. A Roman numeral (I, II, III etc.) following a course title denotes a two-semester course when there is more than one level of the course offered. An example is Algebra I and Algebra II. A two-semester course that has only one level offered, e.g., Geometry, will not have a Roman numeral designation behind it. An Arabic number (1, 2, 3 etc.) indicates a one-semester course when more than one level of the course is available. An example would be Computer-Aided Drafting 1, 2, and 3. A one-semester course that does not have a second or third level, e.g., Introduction to Marketing, would not have an Arabic number designation.

Course Repeatability

Most courses listed in the Program of Studies have specific content and may not be repeated for credit. Because of individualized content, some courses may be repeated for credit and these are noted at the end of the course description.

Accounting 4 ........................................ 851100
Grade level 11–12. One semester.
Prerequisite: Accounting 3.

This is an individualized program designed for the student with interest in accounting or business as a career goal. The emphasis is on departmental accounting.

Computer Keyboarding 1 .......................... 859100
Grade level 9–12. One semester.
Prerequisite: None.

This course is highly useful for both personal and business needs. Students will master the keyboard by touch and be introduced to many varied documents as well as rough drafts and compositions. Keyboarding is recommended for all students in today’s world of technology.

Computer Keyboarding 2 .......................... 859500
Grade level 10–12. One semester.
Prerequisite: Keyboarding.

This course is a continuation of Keyboarding in which speed and accuracy is emphasized. Students will be introduced to popular word processing programs and will increase their skill in the production of mailable documents. An essential course for students planning a career in the office occupations.

Business Computer Applications 1 ............ 855300
Grade level 10–12. One semester.
Prerequisite: Keyboarding.

This course will introduce students to database, spreadsheet and desktop publishing/presentation
programs. Students will become proficient in the fundamentals of these applications as they apply to business uses. Relevant usage of the Internet and its applications to business will be explored as well as Web page design and its applications for business use. Speed and accuracy are still highly stressed as are developing the skills to be proficient on the keypad. This is a related course for Cooperative Office Education.

Business Computer Applications 2 .......... 855400
Grade level 10–12. One semester.
Prerequisite: Business Computer Applications 1.

This course will continue to work with database, spreadsheet and desktop publishing/presentation programs using current software applications. Students will become proficient in the fundamentals of these applications as well as advanced functions as they apply to business uses. Relevant usage of the Internet and its applications to business will be explored as well as Web page design and its applications for business use. Speed and accuracy are still highly stressed as are developing the skills to be proficient on the keypad. This is a related course for Cooperative Office Education.

Business Principles & Management 1 .......... 863000
Grade level 10–12. One semester.
Prerequisite: Introduction to Marketing.

Students will develop skills in human relations related to actual work experience and explore businesses from the management point of view. Students study business techniques related to promotion, financing and management in relation to marketing and distribution. Students will be able to do special projects relating to each individual marketing interest area and explore business by identifying different industries and businesses within those industries. Students will also identify different forms of ownership and personnel management styles and evaluate the management of assets and identify risk management techniques.

Developing business plans will be emphasized as the final project. Students will be taught to identify marketing strategies and develop a plan for financing and managing the small business. They will explore management and supervisory skills through the school store lab if available. This is a related course for Cooperative Distributive Education.

Business Principles & Management 2 .......... 863100
Grade level 10–12. One semester.
Prerequisite: Business Principles & Management 1.

This project-oriented course encourages further exploration of the student's marketing interest areas. Students will pursue a more in-depth study of advance business techniques, promotion, human relations, financing and management techniques.

Students will learn to expand the application of interpersonal relationships as applied to the employer/employee and employee/customer relationships. Students will be able to select appropriate speaking, writing and listening techniques and demonstrate the ability to work with others while using appropriate interpersonal skills.

Students will identify marketing strategies for the small business and develop and plan for financing the small business. They will also study strategies for managing the small business and identify legal requirements for small business operation.

During the final unit of study, students will explore management control through the school store lab, if available. This is a related course for Cooperative Distributive Education.

Cooperative Distributive Education .......... 863500
Grade level 10–12. One semester.
Prerequisite: 16 years of age and currently enrolled in Marketing Operations and Advertising or Business Principles Management.

This course allows students to gain hands-on experience emphasizing marketing in a local workplace. Students enrolled in Introduction to Marketing, Marketing Operations and Advertising or Business Principles Management 1 or 2 will gain further training and experience in the field of marketing and distribution by working at a part-time job away from the school. The teacher-coordinator will assist students who have not found a paid job that fits class qualifications during the first month of the course. Students must arrange their own transportation to and from work. Credit is awarded based on continuous employment throughout the semester averaging 15 hours a week with a minimum of 225 hours during the semester. Students earn 1/2 credit for the related course per semester and an additional one credit per semester for the work experience.

Students will conduct a job search, secure information about a job and identify documents that may be required when applying for a job. Students will be given instruction enabling them to write logical and understandable statements, or phrases, to accurately complete a job application and to compose a résumé in the related marketing class.

Students will identify acceptable work habits, appropriate methods to change jobs and demonstrate acceptable personal hygiene and appearance. Students will also identify proper personal and business ethics such as punctuality, initiative, courtesy, loyalty, honesty and a positive image. Students will learn about human relations and skills as they relate to the workplace throughout the semester.

Cooperative Office Education .......... 851900
Grade level 11–12. One semester.
Prerequisite: Keyboarding, 16 years of age and enrolled in the required related class—Electronic Office or Business Computer Applications.

This class is designed to provide students with a greater range of vocational programs. By using community-based work sites in a supervised mode, the school can expand its career offering beyond the school building and facilities. Cooperative Office Education is an individualized approach toward meeting the career needs of the students. Each student may be legally employed and paid. Each student must be supervised by a teacher-coordinator. One credit per semester will be granted for the work experience if the student works a minimum of 225 hours during the semester at the rate of 12–15 hours a week. May be taken 4 times.

Introduction to Marketing .......... 866000
Grade level 10–12. One semester.
Prerequisite: None.

Students will be introduced to the principles of the free enterprise system and will learn about careers in the marketing and distribution cluster. This course covers introduction to the nine

Not all courses in this catalog will be
functions of marketing (distribution, financing, marketing-information management, pricing, product/service planning, promotion, purchasing, risk management and selling), marketing math and job interview skills.

Students will identify marketing activities conducted by businesses with which they are familiar. Students will categorize the marketing activities by the nine marketing functions. Students will learn how to apply for a job, how to properly complete the related forms and examine the human relations skills required for keeping a job. Students will also assist in the merchandising lab (school store) if it is available.

Marketing Operations & Advertising .................. 861000
Grade level 10–12. One semester.
Prerequisite: Introduction to Marketing.

This course will provide instruction on a variety of electronic office equipment. Programs will vary as new versions are released. Students will be provided with hands-on experience in operating network computers for such activities as electronic calendaring and electronic mail. Other, more traditional activities include use of the ten-key calculator and electronic typewriter. It is designed to prepare students for entry-level positions in the electronic office. An excellent class for those students who plan either to work immediately upon graduation from high school or work their way through college. This class is a related course for Co-op Office Ed.

Recordkeeping ........................................... 856000
Grade level 10–12.
Prerequisite: None

This course provides students with many valuable consumer and vocational skills. Students will learn how to prepare a wide range of financial records for personal and business use and will become familiar with the procedures related to personal money management and major areas of business. This course also emphasizes the development of a business vocabulary and the reinforcement of basic math and reading skills.

King Career Center academic credit

Business Technology ................................. 854800
Grade level 11–12. One semester.
May be taken 2 times with a grade of “C” or better to advance
Prerequisite: Successful completion of one semester of computer keyboarding.

Alternative credits: 12 English after completion of 2 semesters.

The need for qualified office workers continues to increase annually. In Business Technology students learn to use network computer systems, various software packages such as the Microsoft Office Bundle, Adobe Web Standard CS3, Adobe Photoshop Elements and Premier and other office equipment. In addition, they learn to prepare a perfect resumé, dress professionally, and conduct themselves in a businesslike manner. During the first semester students will become familiar with Microsoft Office at the specialist level as well as learning photo manipulation and basic web design. Students will have the opportunity to earn University of Alaska Anchorage credits while they are in class through the Tech Prep program for a minimal fee. It is possible to earn 10 credits if a student takes Business Technology for two semesters.

Second semester students may earn one-half English elective credit to be applied toward graduation by completing numerous projects, newsletters, spelling drills and word usage. Students will have the opportunity to present visually, on hard copy, and by audio various projects using the different Microsoft Office programs such as Word, PowerPoint, Excel, Access, and Publisher merging both computer and English skills. The second semester student will learn Microsoft Office at the expert level, rebuild, edit, add, and maintain web pages with multimedia capabilities.

Industry certification is becoming more and more important each year. Business Technology is able to test for two different, world recognized, certifications at the King Career Center for a minimal fee. Microsoft Office Specialists (MOS) and Internet Computer Core Certification (IC²) certifications will be offered to students.

Job entry opportunities:

Court clerk, typist/word processor, general office clerk, customer service representative, insurance clerk, file clerk, order clerk, library assistant, personnel clerk, credit and loan clerk, data entry operator, office machine operator, receptionist, telephone operator, hotel desk clerk, mail clerk

offered at all schools at any one time.
Not all courses in this catalog will be
ty. In this class you will learn practical and professional cosmetology skills including shampooing and styling, skin care and make-up application, hair and scalp treatments, nail care, hair coloring and lighting. Students will learn the latest trends in hair styles and fashions from publications in the fashion and cosmetology industry.

**Introduction to Culinary Arts** .......... 810300

Grade level 9-12, One semester.
Prerequisite: None.

This program is designed to introduce students to the skills necessary for success in a career in the art of preparing fine cuisine, basic and advanced classical cuisine. Cooking instruction will include American regional, European and Asian cuisines. Students will be instructed in and exposed to classical culinary skills including knife skills, station organization, cooking methods and techniques, soups, stocks and sauces, vegetable and starch cookery, as well as meat and fish fabrication. Baking instructions include basic baking and pastries. Students will also become familiar with the use and care of state-of-the-art tools and professional culinary equipment as part of the curriculum along with the understanding and adherence of modern kitchen sanitation, safety standards and operation.

**Introduction to Electronics (Rockets and Robots).** .......... 825000

Grade level 9-12, One semester.
Prerequisite: None.

This introduction course explores electrical principals through the use of hands-on activities. Basic DC is discussed with applicable test equipment operation and soldering techniques. Application of these basic skills is then demonstrated in selected hands-on team projects. Projects may include, but are not limited to, robot building, computer building, electric scooter building, fiber optics and solar energy activities.

**Introduction to Emergency Services / Disaster Response** .......... 810400

Grade level 9-12, One semester.
Prerequisite: None.

This course is an introduction to emergency response to disaster incidents. The course will discuss the different types of disasters, including natural, such as hurricanes and earthquakes; major accidents such as Chernobyl and aircraft crashes; and acts of terrorism that utilize weapons of mass destruction. Students will learn how to personally prepare for disasters as well as how individual companies and the local, state and national governments prepare and respond to disaster situations. The students will discuss preparedness, response and recovery from disasters. Students will receive the federal certifications necessary to assist at disaster scenes.

**Introduction to Radio & Television Production** . 821600

Grade level 9-12, One semester.
Prerequisite: None.

Creative students will explore broadcast radio, music beats, movie and television production while learning how to produce, direct and develop a variety of media projects. This fun and exciting class will prepare students interested in working in front or behind the camera and microphone.

**Introduction to Small Engines** .......... 821200

Grade level 9-12, One semester.
Prerequisite: None.

Students will learn preventive maintenance, troubleshooting and repair of small engines, drive systems, carburetor adjustments and electrical systems. Students will be taught hands-on problem solving skills that will involve teamwork and self-motivation. Students will design and build a vehicle powered by a single cylinder, four-stroke engine and a scooter powered by an electrical motor. Adjustments of carburetors, magnetos and ignition systems are also included in this course.

**Introduction to Welding** .......... 846500

Grade level 9-12, One semester.
Prerequisite: None.

Introduction to Welding is a one-semester class designed to give students a “feel” for a career affiliated with welding to exposure to authentic fabrication environments. Students are taught how to work safely, per OSHA standards, with hand/power tools and welding/cutting equipment. Processes emphasized are oxygen-acetylene cutting (OFC), grinding and two methods of welding — shielded-metal-arc (SMAW) and oxygen-acetylene (OFW). Cutting and welding practices are in accordance with American Welding Society (AWS) standards. This class is an excellent introduction to all construction trades and is a precuror for all students with ambitions in architecture, engineering or process industries.

**Material Science & Construction 1** .......... 857500

Grade level 9-12, One semester.
Prerequisite: None.

The course will show how materials play a major role in society and how understanding them at a scientific level allows students to gain valuable insights. Students will study properties of materials, various testing procedures and the processing of materials. Economic and social implications of the materials revolution will also be addressed. Students will learn about basic materials used today, miscellaneous materials, variables in materials selection and impacts of the material revolution. Course content will deal with metals, polymers, wood and new materials being developed in today’s fast moving professional fields.

**COMPUTERS**

**BASIC 1** .......... 853400

Grade level 9-12, One semester.
Prerequisite: Computer Fundamentals or its equivalent or consent of instructor.

BASIC 1 includes sorting algorithms, concepts of advanced character handling, sequential and random file manipulation and high resolution graphics.

**BASIC 2** .......... 853500

Grade level 9-12, One semester.
Prerequisite: BASIC 1 or its equivalent or consent of instructor.

BASIC 2 includes sorting algorithms, concepts of advanced character handling, sequential and random file manipulation and high resolution graphics.
Computer Fundamentals 853000
Grade level 9–12. One semester.
Prerequisite: None.

Computer Fundamentals includes an overview of computer fundamentals, use of peripherals and an introduction to computer applications. This course is for the “new to the computer” student.

PASCAL 1 853600
Grade level 10–12. One semester.
Prerequisite: Algebra II or consent of instructor.

PASCAL 1 includes uses of procedures, conditional statements, recursion and functions and an introduction to data files and input-output control.

PASCAL 2 853700
Grade level 10–12. One semester.
Prerequisite: Completion of PASCAL 1 with a “C” or better or consent of instructor.

PASCAL 2 includes the use of arrays, records and other techniques to allow for more detailed work with data files and input-output control. Students completing this course should be qualified to take the AP Computer Science Test.

ENGINEERING & INDUSTRIAL TECHNOLOGY

Applied Technology 1 857700
Grade level 9–12. One semester.
Prerequisite: None. Physical Science

In this course, students will be introduced to the systematic study of the creation, utilization and adaptation of tools, machines and materials. Students will be taught a four step problem solving method that emphasizes input, process, output and feedback. They will explore a technology of their choice using the problem-solving methods taught in the earlier segments of the class. Students are encouraged to work in small groups of no more than three, which will promote cooperative learning and interpersonal skills. Working in groups also allows students to experience situations typical in the world of business and industry. This atmosphere of research, testing and exploration bring together the math and science principles in an applied setting. Supporting this concept is the reality that most technologies are interdisciplinary. This course can fulfill one semester of science or one semester of elective credit.

Applied Technology 2 857800
Grade level 9–12. One semester.
Prerequisite: None. Physical Science

In this course, students will explore technology using Standards For Technological Literacy (Executive Summary), published by the ITEA as a curriculum framework. Major themes are the nature of technology, technology and society, design, abilities for a technological world and the designed world. Topics within the designed world are medical, agricultural, biotechnical, energy and power, information and communication, transportation, manufacturing and construction. Students are required to choose four topics for research and are encouraged to work in small groups for research, cooperative learning activities and presentations typical in the world of business and industry. Students will use appropriate skills and knowledge learned in Applied Technology 1 as they apply the design process in these four areas. This atmosphere of research, testing and exploration bring together the math and science principles in an applied, interdisciplinary format. Applied Technology 2 is a “career guidance” exploratory class. Possible pathways include automotive, electronics, engineering, photography, construction, radio and TV, natural resources, small gas engines and other trades and technology careers. This course can fulfill one semester of science or one semester of elective credit.

Automated Systems 820800
Grade level 9–12. One semester.
Prerequisite: None.

This course will introduce the world of automation through the study of systems, control devices and application of automated systems. Students will learn about past automated inventions and current uses of automated systems. After gaining a basic understanding of automated systems, students will learn the components of the universal systems model and be able to identify and differentiate between open and closed loop systems. Students will be able to demonstrate their understanding of automated systems by defining the differences between automated and traditional manufacturing methods. Students will also be able to perform research and develop an automated system that unites manufacturing techniques to include hardware, control and feedback devices. Students will participate in numerous intergroup periodic reports on the development of their projects.

Aviation Science 1, 2 839000/839100
Grade level 10–12. Two semesters.
Prerequisite: None. Physical science.

This course is recommended for persons interested in light plane aviation and in passing the FAA ground school test for a private pilot’s license. The principles of flight, aircraft preflight, meteorology, navigation, weight and balance, power plants, communication, federal aviation air regulations and survival flight planning will be covered. Special emphasis is placed on flying light aircraft in Alaska. This course will fulfill a physical science or elective credit.

Computer-Aided Drafting 1 822200
Grade level 9–12. One semester.
Prerequisite: None.

Students will become familiar with the computer equipment used in computer-aided drafting. A comparison of traditional drafting tools and CAD 1 will kick off students’ basic understanding of drawings and the mechanical applications of CAD 1. Students will also learn the ways that CAD 1 can improve the quality of a drawing and improve productivity of design drawings. Students will learn the basics of computer use and the advantages and limitations of CAD 1 software. They will understand the use of graphic communication as it applies to the fields of construction, manufacturing, production and design. Students will have both individual and group problem-solving assignments.

Computer-Aided Drafting 2 822300
Grade level 9–12. One semester.

Not all courses in this catalog will be
Prerequisite: Computer-Aided Drafting 1.

CAD 2 is an extension of CAD 1, continuing the process of educating students in the use of computers to assist in graphic communication. As such, many of the principles learned in CAD 1 are still appropriate, but they are extended to complex drawings that more closely mirror projects done in the world of work. This increased amount of work with more complex projects will reinforce learning that has occurred in CAD 1. Students will expand their computer-aided drafting knowledge through exploration of architectural and/or engineering drafting. Students will develop an appreciation for the use of CAD within various trades, such as architecture, engineering and construction. They will also develop an appreciation for the use of CAD to create integrated projects.

Computer-Aided Drafting 3 ..................... 822400
Grade level 9–12. One semester.
Prerequisite: Computer-Aided Drafting 2

CAD 3 is an extension of CAD 1, continuing the process of educating students in the use of computers to assist in graphic communication. As such, many of the principles learned in CAD 1 are still appropriate, but they are extended to complex drawings that more closely mirror projects done in the world of work. This increased amount of work with more complex projects will reinforce learning that has occurred in CAD 2. Students will expand their computer-aided drafting knowledge through exploration of architectural and/or engineering drafting. Students will develop an appreciation for the use of CAD within various trades, such as architecture, engineering and construction. They will also develop an appreciation for the use of CAD to create integrated projects.

Electronic Communications .................. 824400
Grade level 9–12. One semester.
Prerequisite: None.

This course is designed to explore the latest electronic communications media and the economic and social implications of the communications revolution. Students will trace the history of communication devices and the impacts of communication regarding ethical, environmental and technical effects. They will be able to identify multiple methods of transmitting visual information. They will also be able to create an audio production by using electronic and non-electronic generated sources.

Material Science & Construction 1 ............ 857500
Grade level 9–12. One semester.
Prerequisite: None. Physical Science

The course will show how materials play a major role in society and how understanding them at a scientific level allows students to gain valuable insights. Students will study properties of materials, various testing procedures and the processing of materials. Economic and social implications of the materials revolution will also be addressed. Students will learn about basic materials used today, miscellaneous materials, variables in materials selection and impacts of the material revolution. Course content will deal with metals, polymers, wood and new materials being developed in today's fast moving professional fields. This course can fulfill one semester of science or one semester of elective credit.

Material Science & Construction 2 .......... 857600
Grade level 9–12. One semester.
Prerequisite: Material Science & Construction 1. Physical Science

This course is a continuation of Material Science & Construction 1 with an emphasis on the construction trades and the application of construction safety and skills. Students will work in teams as they apply their knowledge of construction materials and fastening techniques to build full size commercial type storage units to industry standards. This course can fulfill one semester of science or one semester of elective credit.

Photography 1 .................................. 885000
Grade level 9–12. One semester.
Prerequisite: None.

This course will provide a basic knowledge of how to take pictures, develop negatives and produce a black and white print. Students will also explore the role of photography in our lives today. Basic composition and print finishing techniques will be covered. Students must furnish their own camera, film and printing paper. A materials fee is required. Many chemicals are used in the photographic process and students will learn how to put safety first. Instruction begins with an explanation of Material Safety Data Sheets, proper chemical handling and safety precautions in a laboratory setting. Students will learn the proper and safe use of equipment. Digital photography education and training is also included at most high schools as part of this course. Some comprehensive high schools provide only digital photography exclusively. Students should check with their individual high school for more information.

Photography 2 ................................. 885100
Grade level 9–12. One semester.
Prerequisite: Photography I.

Students will research a professional photographer, read text materials about advanced photographic information and opportunities and become aware of the advancement of photographic equipment and career opportunities. Students will gain additional instruction in Material Safety Data Sheets, proper chemical handling and other safety precautions in the laboratory. Students will learn about various camera types and be able to perform proper handling and operations of advanced, standard, digital and vintage cameras and lenses. Students will perform proper print making techniques and create or scan digital images on computer. Students will learn about a variety of composition techniques using various photographic techniques and use the various composition techniques by performing individual projects.

Principles of Technology 1, 2, 3, 4 .......... 857100/857200
857300/857400
Grade level 11–12.
Prerequisite: Algebra I. Physical Science

This two-year course addresses 14 basic principles that underlie today’s technology. Those principles are: force, work, rate, resistance, energy, power transformers, momentum, time constants, waves and vibrations, converters, radiation, transducers and optical systems. Each of the principles will be addressed in detail and in relationship to each other. A large part of the course will be spent in practical application. Physics will be explored in relation to these principles. This course can fulfill a science or elective credit.
Surveying, Sketching and Construction Blueprint
Reading ................................. 899100
Grade level 9–12. One semester.
Prerequisite: None.

This class is designed to introduce students to the fundamentals of construction planning and management. Construction sketching will include the fundamentals of freehand drawing and the use of mechanical drafting tools. Students will learn to sketch basic geometric shapes, while applying the methodology to draw site plans, floor plans and multiple view elevations. Surveying will encompass the use of GPS units for establishing benchmarks and other specific locations. Prior to any hands-on field surveying, students will be able to understand how to set up surveying instruments, use various measuring tapes and elevation rods. In addition, multiple types of hands-on surveys to be completed are: property surveys, topographical surveys and construction surveys.

Transportation 1 ............................. 847000
Grade level 9–12. One semester.
Prerequisite: None.

The course will introduce the many modes of transportation used today. Instruction will cover propulsion systems, suspension systems, guidance systems, control systems, structures and support. Economical and social implications will also be addressed. Students will learn about the historical aspects of transportation and the impact it has had on technology. Students will be able to describe the environmental, technical, financial, social and safety impacts transportation has on the world in which we live. The spectrum of materials will cover all business areas of transportation plus terrestrial, atmospheric and space.

Transportation 2 ............................. 847100
Grade level 9–12. One semester.
Prerequisite: Transportation 1.

This course will expand student knowledge of transportation to include advanced systems of marine, land-based, lighter-than-air and heavier-than-air forms of transportation. Course content includes factors that must be considered when developing a transportation system and the associated quality management principles. Course content will also include advanced vehicle guidance systems and the support concepts of a transportation system. The course may be taken twice.

ENGLISH AS A SECOND LANGUAGE (ESL)

These courses are designed for the high school student who has been identified and assessed as being limited English proficient according to state law and district procedures. The courses are aligned with the district curriculum yet adapted to meet the English proficiency level, academic needs and cultural background of the ESL student.

Newcomer ESL/English 9-1 & 9-2 ........... 011035/011135
Grade level 9-12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This is an intensive beginning English as a second language (ESL) course designed for non-English proficient students. Course content includes instruction and activities in listening, speaking, reading and writing. The first semester will focus on oral language while second semester concentrates on reading comprehension and written expression.

Beginning ESL/English 9-1 & 9-2 ........... 011036/011136
Grade level 9-12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This is an intensive beginning English as a second language (ESL) course designed for non-English proficient students. Course content includes instruction and activities in listening, speaking, reading and writing. The first semester will focus on oral language while second semester concentrates on reading comprehension and written expression.

Intermediate ESL/English 9-1 & 9-2 ....... 011037/011137
Grade level 9-12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This is an advanced English as a second language (ESL) course designed for students who are predominately speakers of another language. Course content expands upon the content in Beginning ESL, including instruction and activities in listening, speaking, reading and writing with emphasis on oral and written comprehension and expression. Oral language will be the focus in the first semester while reading and composition will be emphasized during second semester.

Advanced ESL/English 9-1 & 9-2 ........... 011038/011138
Grade level 9-12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This is an advanced English as a second language (ESL) course designed for students who may appear fairly verbally fluent in English, but need strengthening in reading and writing skills. It continues to develop skills covered in Intermediate ESL. First semester focuses on oral language while second semester concentrates on writing and world literature.

Newcomers ESL/English 10-1 & 10-2 ....... 011540/011640
Grade level 9-12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP). Course restricted to students at Newcomers’ Center.

This is an intensive beginning English as a second language (ESL) course designed for non-English proficient students. Course content includes instruction and activities in listening, speaking, reading and writing with emphasis on listening and reading comprehension, oral and written expression, handwriting, grammar and spelling.

Beginning ESL/English 10-1 & 10-2 ....... 011535/011635
Grade level 9-12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This is an intensive beginning English as a second language (ESL) course designed for non-English proficient students. Course content includes instruction and activities in listening, speaking, reading and writing with emphasis on listening and reading comprehension, oral and written expression, handwriting, grammar and spelling.

Not all courses in this catalog will be
Intermediate ESL/English 10-1 & 10-2. . . . 011536/011636
Grade level 9–12. 1–2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This is an intermediate English as a second language (ESL) course which continues developing skills learned in Beginning ESL and is designed for students who are predominately speakers of another language. Course content includes instruction and activities in listening, speaking, reading and writing with emphasis on reading comprehension and composition. Exposure to American literature will also be included.

Advanced ESL/English 10-1 & 10-2. . . . 011537/011637
Grade level 9–12. 1–2 semesters.
Prerequisite: Identified limited-English proficient (LEP).

This is an advanced English as a second language (ESL) course expanding upon skills learned in Intermediate ESL and designed for students who appear fairly verbally fluent in English, but need strengthening in reading and writing skills. Course content includes the four skill areas, as well as American literature.

Newcomer ESL/Grammar and Vocabulary Building ........................................ 015040
Grade level 9–12. 1–2 semesters.
Prerequisite: Identified limited English proficient (LEP). Course restricted to students at Newcomers’ Center.

Non-English proficient students enrolled in this course are continuing to develop their English language skills (listening, speaking, reading, writing, grammar and vocabulary building) at the intermediate level. English grammar and vocabulary will be an emphasis in this course.

Beginning ESL/Grammar and Vocabulary Building ........................................ 015035
Grade level 9–12. 1–2 semesters.
Prerequisite: Identified limited English proficient (LEP).

Non-English proficient students enrolled in this course are continuing to develop their English language skills (listening, speaking, reading, writing, grammar and vocabulary building) at the beginning level. English grammar and vocabulary will be an emphasis in this course.

Intermediate ESL/Grammar and Vocabulary Building ........................................ 015036
Grade level 9–12. 1–2 semesters.
Prerequisite: Identified limited English proficient (LEP).

Limited-English proficient students enrolled in this course are continuing to develop their English language skills (listening, speaking, reading, writing, grammar and vocabulary building) at the intermediate level. English grammar and vocabulary will be an emphasis in this course.

Advanced ESL/Grammar and Vocabulary Building ........................................ 015037
Grade level 9–12. 1–2 semesters.
Prerequisite: Identified limited English proficient (LEP).

ESL/bilingual students enrolled in this course are continuing to develop their English language skills (listening, speaking, reading, writing, grammar and vocabulary building) at a more advanced level. English grammar and vocabulary will be an emphasis in this course.

Newcomer ESL/Composition Workshop .......................... 021040
Grade level 9–12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP). Course restricted to students at Newcomers’ Center.

This is an intensive beginning English as a second language for non-English proficient students. Course content includes instruction and activities in the basic skills of listening, speaking, reading and writing with emphasis on written expression. Frequent writing on a basic level, as well as reading and discussion will be expected.

Beginning ESL/Composition Workshop .......................... 021035
Grade level 9–12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This is an intensive beginning English as a second language for non-English proficient students. Course content includes instruction and activities in the basic skills of listening, speaking, reading and writing with emphasis on written expression. Frequent writing on a basic level, as well as reading and discussion will be expected.

Intermediate ESL/Composition Workshop .......................... 021036
Grade level 9–12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This is an intermediate ESL course designed for bilingual students who are predominately speakers of another language. Course content includes instruction and activities in the basic skills of listening, speaking, reading and writing with emphasis on written expression. Frequent writing accompanied by reading and discussion will be expanded on a more advanced level than Intermediate ESL.

Advanced ESL/Composition Workshop .......................... 021037
Grade level 9–12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This is an advanced ESL course designed for bilingual students who may appear verbally fluent in English, but need strengthening in written expression. Frequent writing accompanied by reading and discussion will be expanded on a more advanced level than Intermediate ESL.

Newcomer ESL/Individualized Writing ......................... 023040
Grade level 9–12. 1–2 semesters.
Prerequisite: Identified limited English proficient (LEP). Course restricted to students at Newcomers’ Center.

The focus of this course will be to develop the non-English proficient student’s individual writing ability while using the other three skill areas (listening, speaking and reading) and integrating them into the writing process. The student will develop the ability to write simple sentences, paragraphs and short compositions, while learning organization, revision skills, grammar usage, vocabulary, punctuation and capitalization. Personal, creative and practical papers of varying lengths will be included at the beginning level.

Beginning ESL/Individualized Writing ......................... 023035
Grade level 9–12. 1–2 semesters.
Prerequisite: Identified limited English proficient (LEP).

The focus of this course will be to develop the non-English
proficient student’s individual writing ability while using the other three skill areas (listening, speaking and reading) and integrating them into the writing process. The student will develop the ability to write simple sentences, paragraphs and short compositions, while learning organization, revision skills, grammar usage, vocabulary, punctuation and capitalization. Personal, creative and practical papers of varying lengths will be included at the beginning level.

Intermediate ESL/Individualized Writing ............ 023036
Grade level 9–12. 1–2 semesters.
Prerequisite: Identified limited English proficient (LEP).

The focus of this course will be to develop the non-English proficient student’s individual writing ability while using the other three skill areas (listening, speaking and reading) and integrating them into the writing process. The student will develop the ability to write simple sentences, paragraphs and short compositions, while learning organization, revision skills, grammar usage, vocabulary, punctuation and capitalization. Personal, creative and practical papers of varying lengths will be included at the intermediate level.

Advanced ESL/Individualized Writing ............ 023037
Grade level 9–12. 1–2 semesters.
Prerequisite: Identified limited English proficient (LEP).

The focus of this course will be to develop the advanced ESL student’s individual writing ability while using the other three skill areas (listening, speaking and reading) and integrating them into the writing process. The student will develop the ability to write simple sentences, paragraphs and short compositions, while learning organization, revision skills, grammar usage, vocabulary, punctuation and capitalization. Personal, creative and practical papers of varying lengths will be included at the advanced level.

Intermediate ESL/Intermediate Composition .... 022136
Grade level 11–12. 1–2 semesters.
Prerequisite: Identified limited English proficient (LEP).

Course content will continue to develop the bilingual student’s writing ability by integrating the four skill areas (listening, speaking, reading and writing) and critical thinking. Other content will include sentence variety, revision and editing, grammar usage, punctuation, vocabulary and writing style. This course will also introduce several different types of writing at the intermediate level, such as narration, description, argumentation, exposition and business/technical writing using the multi-paragraph. Students will also read a variety of genre as a basis for writing, as well as give oral presentation and share responses.

Advanced ESL/Advanced Composition .... 022236
Grade level 11–12. 1–2 semesters.
Prerequisite: Identified limited English proficient (LEP).

Course content will continue to develop the bilingual student’s writing ability by integrating the four skill areas (listening, speaking, reading and writing) and critical thinking. Other content will include sentence variety, revision and editing, grammar usage, punctuation, vocabulary and writing style. This course will cover several different types of writing at the advanced level, such as narration, description, argumentation, exposition and business/technical writing using the multi-paragraph. Students will also

Newcomer ESL/Language Skills Lab ............. 008040
Grade level 9–12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP). Course restricted to students at Newcomers’ Center.

This is an intensive beginning English as a second language (ESL) course designed for non-English proficient students. Course content includes instruction and activities in the basic skills of listening, speaking, reading and writing with emphasis on comprehension, expression, spelling, grammar and handwriting.

Beginning ESL/Language Skills Lab ............. 008035
Grade level 9–12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This is an intensive beginning English as a second language (ESL) course designed for non-English proficient students. Course content includes instruction and activities in the basic skills of listening, speaking, reading and writing with emphasis on comprehension, expression, spelling, grammar and handwriting.

Intermediate ESL/Language Skills Lab ............. 008036
Grade level 9–12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This is an intermediate English as a second language (ESL) course designed for non-English proficient students. Course content includes instruction and activities in the basic skills of listening, speaking, reading and writing with emphasis on comprehension, expression, spelling, grammar and handwriting.

Advanced ESL/Language Skills Lab ............. 008037
Grade level 9–12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This is an advanced English as a second language (ESL) course designed for non-English proficient students. Course content includes instruction and activities in the basic skills of listening, speaking, reading and writing with emphasis on comprehension, expression, spelling, grammar and handwriting.

Newcomer ESL/Reading Lab .......... 005040
Grade level 11–12. 1-2 semesters.
Prerequisite: Identified limited English proficient (LEP). Course restricted to students at Newcomers’ Center.

This course is designed for the junior or senior who has been identified and assessed as being non-English proficient according to state law and district procedures. This course is aligned with the district curriculum, yet is adapted to meet the English proficiency level, language needs and cultural background of the beginning ESL student.

Course content includes instruction and activities in the four skill areas (listening, speaking, reading and writing) with an emphasis in reading and vocabulary development presented as the student’s language proficiency and reading levels. A process- and thematic approach in the instruction of reading will be integrated with writing, oral language and critical thinking activities.
Beginning ESL/Reading Lab .......................... 005035  
Grade level 11–12. 1-2 semesters.  
Prerequisite: Identified limited English proficient (LEP).

This course is designed for the junior or senior who has been identified and assessed as being non-English proficient according to state law and district procedures. This course is aligned with the district curriculum, yet is adapted to meet the English proficiency level, language needs and cultural background of the beginning ESL student.

Course content includes instruction and activities in the four skill areas (listening, speaking, reading and writing) with an emphasis in reading and vocabulary development presented as the student's language proficiency and reading levels. A process and thematic approach in the instruction of reading will be integrated with writing, oral language and critical thinking activities.

Intermediate ESL/Reading Lab .......................... 005036  
Grade level 11–12. 1-2 semesters.  
Prerequisite: Identified limited English proficient (LEP).

This course is designed for the junior or senior who has been identified and assessed as being limited-English proficient according to state law and district procedures. This course is aligned with the district curriculum, yet is adapted to meet the English proficiency level, language needs and cultural background of the beginning ESL student.

Course content includes instruction and activities in the four skill areas (listening, speaking, reading and writing) with an emphasis in reading and vocabulary development presented as the student's language proficiency and reading levels. A process and thematic approach in the instruction of reading will be integrated with writing, oral language and critical thinking activities.

Advanced ESL/Reading Lab .......................... 005037  
Grade level 11–12. 1 semester.  
Prerequisite: Identified limited English proficient (LEP).

This course is designed for the student who has been identified and assessed as being bilingual based on their exposure to a language other than English, level of proficiency and academic achievement according to state law and district procedures. This course is aligned with the district curriculum, yet is adapted to meet the English proficiency level, language needs and cultural background of the beginning ESL student.

Course content includes instruction and activities in the four skill areas (listening, speaking, reading and writing) with an emphasis in reading and vocabulary development presented as the student's language proficiency and reading levels. A process and thematic approach in the instruction of reading will be integrated with writing, oral language and critical thinking activities.

ESL Area Studies .......................... 303535  
Grade level 11-12. 1 semester  
Prerequisite: Identified limited English proficient (LEP).

This required course is designed for the junior or senior who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student's English proficiency level, academic needs, prior knowledge and cultural background.

The physical and cultural geography of selected regions will be investigated and English language skills will be enhanced and developed. The area studies may include Alaska, Asia, Africa, Latin America, the Pacific Rim, the Middle East or another region/area of the world.

ESL Economics .......................... 308035  
Grade level 12. 1 semester.  
Prerequisite: Identified limited English proficient (LEP).

This required course is designed for the junior or senior who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student's English proficiency level, academic needs, prior knowledge and cultural background.

The course is designed to introduce students to economics vocabulary, concepts, principles and institutions. Students will learn to apply economic reasoning to their lives as citizens, consumers, workers and producers as well as develop their English proficiency.

ESL Social Studies .......................... 369535  
Grade level 11-12. 1 semester.  
Prerequisite: Identified limited English proficient (LEP).

This required course is designed for the junior or senior who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student's English proficiency level, academic needs, prior knowledge and cultural background.

This course introduces the student to the vocabulary, concepts and processes of the social sciences and history and relating them to the student, the student's school, community and current events.

ESL History 9-1: World History  
(Circa 500 BC-500 AD) .......................... 331535  
Grade level 9-12.  
Prerequisite: Identified limited English proficient (LEP).

This required course is designed for the student who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student's English proficiency level, academic needs, prior knowledge and cultural background.

This course provides an in-depth study of world history, geography, economics, government, religion/philosophy, science/technology, sociology and the humanities will be used as perspectives for studying the classical eras of non-western cultures. The study of the classical civilizations of Greece and Rome will act as a transition to ESL History 9-2.

ESL History 9-2: World History  
(Circa 500 AD-1800) .......................... 331635  
Grade level 9-12.  
Prerequisite: Identified limited English proficient (LEP).

This required course is designed for the student who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned

offered at all schools at any one time.
with the district curriculum, yet adapted to meet the student's English proficiency level, academic needs, prior knowledge and cultural background.

This course continues the in-depth study of world history with some integration of United States history. Geography, economics, government, religion/philosophy, science/technology, sociology and the humanities will be used as perspectives for studying Western civilization and the history leading to the emergence of nation states. The study of the age of democratic revolutions will serve as a transition to ESL History 10-1.

Newcomer ESL History 10-1: U.S. History
(Circa 1763-1900) ............................. 331740
Grade level 10-12.
Prerequisite: Identified limited English proficient (LEP). Course restricted to students at Newcomers’ Center.

This required course is designed for the student who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student's English proficiency level, academic needs, prior knowledge and cultural background.

This course provides a study of United States history with some integration of world history. Geography, economics, government, religion/philosophy, science/technology, sociology and the humanities will be used as perspectives for examining changing world dynamics with the growth of the U.S. as a world power. The study of the U.S. as a developing player on the world stage will serve as transition to ESL History 10-2.

ESL History 10-1: U.S. History
(Circa 1763-1900) ............................. 331735
Grade level 10-12.
Prerequisite: Identified limited English proficient (LEP).

This required course is designed for the student who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student's English proficiency level, academic needs, prior knowledge and cultural background.

This course provides a study of United States history with some integration of world history. Geography, economics, government, religion/philosophy, science/technology, sociology and the humanities will be used as perspectives for examining changing world dynamics with the growth of the U.S. as a world power. The study of the U.S. as a developing player on the world stage will serve as transition to ESL History 10-2.

Newcomer ESL History 10-2:
U.S. History (20th Century) .................. 331840
Grade level 10-12.
Prerequisite: Identified limited English proficient (LEP). Course restricted to students at Newcomers’ Center.

This required course is designed for the student who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student's English proficiency level, academic needs, prior knowledge and cultural background.

This course continues the study of United States history with some integration of world history. Geography, economics, government, religion/philosophy, science/technology and sociology are used as perspectives for focusing on the U.S. as a superpower within the context of a global perspective in the 20th century.

ESL History 10-2: U.S. History (20th Century) ........... 331835
Grade level 10-12.
Prerequisite: Identified limited English proficient (LEP).

This required course is designed for the student who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student's English proficiency level, academic needs, prior knowledge and cultural background.

This course continues the study of United States history with some integration of world history. Geography, economics, government, religion/philosophy, science/technology and sociology are used as perspectives for focusing on the U.S. as a superpower within the context of a global perspective in the 20th century.

ESL United States Government .................. 307535
Grade level: 12. 1 semester.
Prerequisite: Identified limited English proficient (LEP).

This course is designed for the junior or senior who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student's English proficiency level, academic needs, prior knowledge and cultural background.

This course is founded on the belief that to become an informed and active citizen, an understanding of U.S. government is essential. It will feature the structure of government and the function of politics, as well as theory and practical application of the following: 1) foundations of U.S. government; 2) institutions and policy making; 3) principles of the U.S. constitution; 4) roles and responsibilities of the citizen; and 5) political behavior.

ESL Pre-Algebra .............................. 103135/103235
Grade level 9–12. Two semesters.
Prerequisite: Identified limited English proficient (LEP).

This required course is designed for the student who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student's English proficiency level, academic needs, prior knowledge and cultural background.

This is an introductory math course for students who are developing their English language skills while expanding their mathematical knowledge. This course will be on continued development of pattern recognition, computational skills, elementary algebra topics, geometric relationships, problem-solving and the use of technology.

ESL Algebra I .................................. 135235/135335
Grade level 9–12. Two semesters.
Prerequisite: Identified limited English proficient (LEP).

This required course is designed for the student who has been
identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student’s English proficiency level, academic needs, prior knowledge and cultural background.

This course reviews and extends problem solving, data analysis, the use of technology (i.e., calculator and computer), the theory, use and understanding of the fundamental operations on real numbers, expressing quantitative statements in algebraic language, solving equations and inequalities, polynomials, the use of rational expressions in equations, the solution of quadratic equations and related applications, coordinate graphing and irrational numbers.

**ESL Tutoring** .......................... 944000
Grade level 9–12. Elective. 1–4 semesters; may be repeated as needed.
Prerequisite: Identified limited English proficient (LEP).

This elective course is designed for the student who has been identified and assessed as being limited English proficient according to state law and district procedures.

Content may include specific ESL needs such as reading, listening comprehension, pronunciation, vocabulary development and writing skills; study skills such as outlining, test taking, paraphrasing and/or content area tutoring in math, science, social studies or any other course in which the student needs additional assistance.

**ESL Integrated Science 9** ............ 201635/201735
Grade level 9–12. 2 semesters.
Prerequisite: Identified limited English proficient (LEP).

This course is designed for the student who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student’s English proficiency level, academic needs, prior knowledge and cultural background.

It is an integrated, thematic program that explores the natural sciences, their common principles and relationships, through an inquiry-based approach. The life, earth and space sciences, as well as chemistry and physics will be covered. Labs, visual aids, manipulatives and supplemental materials will be used to illustrate and demonstrate scientific concepts and to increase the student’s English language development.

**ESL Biology I** .......................... 223235/223335
Grade level: 9–12. Two semesters.
Prerequisite: Identified limited English proficient (LEP).

This course is designed for the student who has been identified and assessed as being limited English proficient according to state law and district procedures. Course content is aligned with the district curriculum, yet adapted to meet the student’s English proficiency level, academic needs, prior knowledge and cultural background.

It will provide an introduction to the fields of botany, zoology, ecology and genetics. Course content will include a study of the chemical basis of life, such as the cellular processes of respiration, photosynthesis, diffusion and osmosis as well as cell division, DNA and enzyme action. Labs, visual aids, manipulatives and supplemental materials will be used to illustrate and demonstrate scientific concepts and to increase the student’s English language development. This course is a prerequisite for all other biology electives.

**ESL Conceptual Chemistry** .......... 241135/241235
Grade level 10–12. Two semesters.
Prerequisite: None. Physical science.

Provides an opportunity for the student interested in areas other than science to study the basic concepts in chemistry as they relate to home and life. Chemical concepts will be used to explain many of the processes we observe in our daily lives. While examining these concepts, the student will develop skills in the laboratory and in problem solving.

**FAMILY AND CONSUMER SCIENCES**

**Adult Roles and Relationships** ........ 837100
Grade level 11–12. One semester.
Prerequisite: None.

This course is designed to help students evaluate the alternatives that they face and develop skills necessary to be successful in their adult roles and relationships. The class is limited to 11th and 12th grades because of the application of academic knowledge and human relationships to the family and society. The emphasis of the class is to develop traits of caring, sensitivity and responsibility in students as they move into their adult lives, whether it is in the family, community or career. This course will involve a minimum of five (5) hours of service learning/volunteerism in the community.

**Child Development/Parenting** .......... 837000
Grade level 9–12. One semester.
Prerequisite: None.

This course is designed to improve the competence of adolescents in working with young children by increasing their awareness of child growth and development. Course work includes information about family planning, pregnancy, child growth and development, parenting skills and the family environment. Students also observe and work with young children either in a class-run preschool or arranged alternative. This course will fulfill a social studies graduation requirement or elective credit.

**Food Science** .......................... 832700
Grade level 10–12. One semester.
Prerequisite: One year of high school science.

This course presents the science of food and its implications on humans and their well-being. Its approach is that of a science laboratory, using scientific methodology for understanding food’s impact on the human body. This is a laboratory course which uses experimental methods with tools for hands-on learning. This course will fulfill a science or elective credit.

**Housing/Living Environments** ........ 838000
Grade level 9–12. One semester.
Prerequisite: None.

Shelter is one of the basic human needs and learning to make
adequate and appropriate choices about housing is a valuable skill. This course focuses on the creation of a safe and comfortable living environment which reflects the values of the individual or family and contributes to stability and well being. This course will provide information to guide individuals and families in identifying and making informed decisions about their living environment. This course will also provide information on career choices in this field.

**Nutrition/Food Preparation** .................................................... 831600
Grade level 9–12. One semester.
Prerequisite: None.

This course will address the problem of choosing foods appropriate for physical well-being. The study of nutrition offers knowledge needed for food consumption. In addition, techniques for preparing foods in a nutritious, safe and aesthetic manner are presented. This course is a laboratory course with actual food preparation as an integral part of instruction. Materials fee required.

**ProStart 1** ................................................................. 836000
Grade level 10–12
Prerequisite: Nutrition and Food Preparation recommended

This course introduces students to careers in food service and teaches them the basic skills and knowledge needed for success in the food service industry. The ProStart curriculum was developed by the National Restaurant Association as part of the school-to-career approach to learning. Current best practices are reviewed each year. Topics covered in the second semester include exploration and career preparation, food service equipment and nutrition. Materials fee required.

**ProStart 2** ................................................................. 836100
Grade level 10–12
Prerequisite: Nutrition and Food Preparation recommended

This course introduces students to careers in food service and teaches them the basic skills and knowledge needed for success in the food service industry. The ProStart curriculum was developed by the National Restaurant Association as part of the school-to-career approach to learning. Current best practices are reviewed each year. Topics covered in the second semester include exploration and career preparation, working with people, breakfast foods, sandwiches, salads and garnishes, fruits and vegetables, business math and controlling food service costs. Materials fee required.

**ProStart 3** ................................................................. 836200
Grade level 10–12
Prerequisite: Nutrition and Food Preparation recommended

This course introduces students to careers in food service and teaches them the basic skills and knowledge needed for success in the food service industry. The ProStart curriculum was developed by the National Restaurant Association as part of the school-to-career approach to learning. Current best practices are reviewed each year. Topics covered in the third semester include exploration and career preparation, the history of food service, the lodging industry, the art of service, potatoes and grains, desserts and baked goods and marketing and the menu. Materials fee required.

**ProStart 4** ................................................................. 836300
Grade level 10–12
Prerequisite: Nutrition and Food Preparation recommended

This course introduces students to careers in food service and teaches them the basic skills and knowledge needed for success in the food service industry. The ProStart curriculum was developed by the National Restaurant Association as part of the school-to-career approach to learning. Current best practices are reviewed each year. Topics covered in the fourth semester include exploration and career preparation, purchasing and inventory control, standard accounting practices, tourism and the retail business, communication with customers, preparing meat, poultry, seafood, stocks, soups and sauces and completing an industry internship. Materials fee required.

**Textile Technology 1** ......................................................... 832900
Grade level 9–12. One semester.
Prerequisite: None.

Textile Technology is a semester course. Textile 1 is the introductory level of sewing and clothing construction. This course offers an introduction to fiber composition, fiber utilization and applications of textiles in daily life. Students will examine cross-cultural concerns, social-economic influences and resource availability as they relate historically and in today's society. Students will develop an understanding of the elements of color, sewing equipment and introductory textile construction. Each student will begin a comprehensive textile portfolio. Career opportunities available in the textile and apparel industry will be examined.

**Textile Technology 2** ......................................................... 833000
Grade level 9–12.
Prerequisites: Textile Technology 1

Textile Technology 2 is a semester course. Students must have successfully completed Textile 1. This course offers a continuation of construction/sewing skill development. Textile 2 expands on historical clothing, construction and career exploration in the textiles and apparel industry. Students will develop skills on equipment such as electronic sewing machines, sergers, embroidery machines and quilting machines. Students will examine fibers, textile modification and design principles. Level 2 students will explore managing apparel dollars; decisions, rights and consumerism. Students will make additions to their comprehensive textile portfolio.

**Textile Technology 3** ......................................................... 833100
Grade level 9–12.
Prerequisites: Textile Technology 1 & Textile Technology 2

Textile Technology 3 is a semester course. This course offers an expanded skills development course in construction, fabric repair and clothing care. Students will combine fiber, color and design techniques to develop an integrated textile project. Textile 3 students will examine apparel and textile industry careers and marketing concerns. The course provides a continuation of skill development on a variety of pieces of textile equipment and integrates a service learning project related to textile.

**Textile Technology 4** ......................................................... 833200
Grade level 9–12.
Prerequisites: Textile Technology 1, Textile Technology 2, & Textile
Technology 3

Textile Technology 4 is a semester course. This course offers the student an opportunity to learn professional embellishing techniques, artistic expression through textiles and advanced textile construction techniques. Students will participate in independent work program and complete the textile portfolio.

King Career Center academic credit

Culinary Arts (KCC) 831100
Grade level 11-12. One semester.
May be taken 3 times with a grade of “C” or better to advance. Alternative credits: 1/2 Physical Science/semester (1 credit maximum)

This program is designed to introduce students to the skills necessary for success in a career in the art of preparing fine cuisine. Cooking instruction includes American regional, European and Asian cuisines. Students are expected to prepare and serve lunch daily in the KCC cafeteria. Students can earn college credits.

Baking instruction includes basic, advanced and classical pastry. Production includes scratch rolls, pastry and desserts.

The use and care of state-of-the-art tools and equipment are part of the curriculum. Qualified students will be eligible for on-the-job training. Second semester students are sous chefs for their respective stations and, as part of a team, are required to plan, organize and cook foods from a specific American region. Third semester students are sous chefs responsible for all production and must present American and world region dishes solo.

Students must purchase their own cook’s hats from the KCC financial data control clerk.

Job entry opportunities:
Cook; baker; camp/lodge cook; caterer; food server; host/hostess

Early Childhood Education (KCC) 830300
Grade Level 11-12. 1 semester. Second semester may be taken with a grade of “C” or better to advance
Prerequisite: None, however course work in Child Development and/or Psychology is helpful. Students are required to complete a physical and background check within first week of enrollment. Alternative Credits: 1/2 social studies elective (1/2 credit maximum).

The Early Childhood Education Program provides students an opportunity to work and learn about young children. Students work in a nationally accredited early childhood preschool under the supervision of two early childhood instructors. Municipal licensing law requires all students to have a current physical and background check. Students are also required to complete an application signed by their parents stating they have not committed a crime of “moral turpitude.” Students learn child development and classroom skills in supervising and teaching young children ages 3-5 years. The first semester curriculum includes: health and safety, guidance and parenting. Students enrolled in the second semester will continue their study of child development focusing on setting up a quality learning environment and creative development of young children. Students can earn college credits.

Job entry opportunities:
ASD kindergarten teacher assistant; ECE teacher aide; pre-K teacher aide; special education aide; recreational leader; after-school program assistant

INTERNATIONAL BACCALAUREATE
(West High School)

The IB Diploma Program is a rigorous two-year college preparatory set of classes for juniors and seniors offered at West High School only. Diploma candidates must take seven core classes: English, a second language, math, science, social studies, an art elective and philosophy.

IB Language A1 English 049100/049200
Grade level 11-12. Four semesters.
Prerequisite: Enrollment in IB diploma program. Honors English 9 and/or 10 recommended.

In this course students will explore the interrelated and distinct ideas in literature from six cultures—Latin American, European, African, North American, Japanese, Greek—from ancient civilizations to contemporary societies.

IB Language A2 049500/049600
Grade level 11-12. Four semesters.
Prerequisite: Enrollment in IB diploma program. Honors English 9 and/or 10 recommended.

This is a very specialized class for students with near native fluency or a very high level of competency in a language other than English.

IB Spanish B 402700/402800
Grade level 11-12. Four semesters.
Prerequisite: Enrollment in IB diploma program.

Reading, writing, dialogues and oral activities will be part of the daily routine in this course. Students will be guided to do improvisation and practice spontaneous oral and written communication.

IB Spanish ab initio 402300/402400
Grade level 11-12. Four semesters.
Prerequisite: Enrollment in IB diploma program.

This is a very specialized class for beginning language students who have never studied Spanish and who will study it for only two years to prepare for the ab initio IB Spanish exam.

IB German B 422700/422800
Grade level 11-12. Four semesters.
Prerequisite: Enrollment in IB diploma program.

Reading, writing, dialogues and oral activities will be part of the daily routine in this course. Students will acquire a basic geographic and socio/historical knowledge of the German speaking countries in the world.

IB German ab initio 422300/422400
Grade level 11-12. Four semesters.
Prerequisite: Enrollment in IB diploma program.

This is a very specialized class for beginning language students who have never studied German and who will study it for only two years to prepare for the ab initio IB German exam.
IB Russian B .......................... 462700/462800
Grade level 11-12. Four semesters. 462900/463000
Prerequisite: Enrollment in IB diploma program.

This course address each of the four IB curriculum L2 areas: reading, writing, speaking and listening. Besides intensive study of spoken and written Russian, students will improve their use of Russian grammar and study the history of Russia, its geography and its people, especially as expressed through the visual and written arts.

IB Russian ab initio .................... 462300/462400
Grade level 11-12. Four semesters. 462500/462600
Prerequisite: Enrollment in IB diploma program.

This is a very specialized class for beginning language students who have never studied Russian and who will study it for only two years to prepare for the ab initio IB Russian exam.

IB French B ............................. 442700/442800
Grade level 11-12. Four semesters. 442900/443000
Prerequisite: Enrollment in IB diploma program.

Reading, writing, dialogues and oral activities will be part of the daily routine in this course. French Level One and Two are prerequisites for this course. Students will be guided to do improvisation and practice spontaneous oral and written communication.

IB French ab initio ..................... 442300/442400
Grade level 11-12. Four semesters. 442500/442600
Prerequisite: Enrollment in IB diploma program.

This is a very specialized class for beginning language students who have never studied French and who will study it for only two years to prepare for the ab initio IB French exam.

IB History of Europe .................. 344300/344400
Grade level 11-12. Four semesters. 344500/344600
Prerequisite: Enrollment in IB diploma program. Honors History 9 and/or 10 recommended.

This course is designed to develop in students the understanding and appreciation of European and Soviet/Russian influence in the modern world, especially in the 20th century.

IB History of the Americas ............ 363100/363200
Grade level 11-12. Four semesters. 363300/363400
Prerequisite: Enrollment in IB diploma program. Honors History 9 and/or 10 recommended.

This course is designed to develop in students a lasting interest in and appreciation for the countries in the Western Hemisphere and includes a comparative study the histories of Canada, United States and Latin America.

IB Info Technology in a Global Society .... 380000/381000
Grade level 11-12. Two semesters.
Prerequisite: Enrollment in IB diploma program.

This one-year class will explore the advantages and disadvantages of the use of digitized information at local and global levels and will provide a framework for the student to make informed judgments and decisions about the applications of IT within social contexts.

IB Mathematics Studies ................ 180000/180100
Grade level 11-12. Four semesters. 180200/180300
Prerequisite: Enrollment in IB diploma program. Geometry.

This course will cover linear relations, quadratic functions, rational and inverse functions, grouping rational functions, systems of equations, complex number system, polynomial function, exponential and logarithmic functions, trigonometry, probability, statistics, financial mathematics and introduction to differential calculus.

IB Mathematics Standard Level ........ 180400/180500
Grade level 11-12. Four semesters. 180600/180700
Prerequisite: Enrollment in IB diploma program. Geometry.

This course is aimed at introducing and expanding important concepts and applications through the development of pertinent and specific mathematical methods. Six fundamental core topics will be explored along with several special mathematical topics.

IB Mathematics Higher Level .......... 180800/180900
Grade level 11-12. Four semesters. 181000/181100
Prerequisite: Enrollment in IB diploma program. Geometry.

This course covers functions, graphs, limits, derivatives and integrals by including the study of parametric equation, polar functions and vector analysis.

IB Further Mathematics ............... 181200/181300
Grade level 11-12. Four semesters. 181400/181500
Prerequisite: Enrollment in IB diploma program. Geometry.

This course is designed for students who intent to major in mathematics at the university level. The course will focus on different branches of mathematics to encourage the student to appreciate the diversity of the subject. Students will prepare a portfolio to demonstrate high proficiency in a chosen field of mathematics.

IB Computer Design Higher Level 183000/183100
Grade level 11-12. Four semesters. 183200/183300
Prerequisite: Enrollment in IB diploma program. Algebra I

This course focused on three major core topics: systems life cycle and software development, program construction in java and computer system fundamentals. Course requires completion of four additional units: computer maths and logic, abstract data structures and algorithms, further system fundamentals and file organization. In addition a program dossier, which consists of designing a computer program that addresses a need in a work place, is also required for all students. The dossier is used to demonstrate mastery of the programming concepts.

IB Biology ............................ 224800/224900
Grade level 11-12. Four semesters. 225000/225100
Prerequisite: Enrollment in IB diploma program. Chemistry or Conceptual Chemistry strongly recommended.

This course will give students a broad and comprehensive experience in the experimental subject of biology, a science based on the use of the scientific method to answer the universal conundrums faced by all living things, with the hope of increasing the appreciation of and respect for life.

Not all courses in this catalog will be
IB Chemistry ................. 244800/244900  
Grade level 11-12. Four semesters. 245000/245100  
Prerequisite: Enrollment in IB diploma program. Chemistry or Conceptual Chemistry strongly recommended.

This course will give students a broad and comprehensive experience in the experimental subject of biology, a science based on the use of the scientific method to answer questions about the composition, structure and properties of all the things around us.

IB Environmental Systems .......... 228800/228900  
Grade level 11-12. Two semesters.  
Prerequisite: Enrollment in IB diploma program. Chemistry or Conceptual Chemistry strongly recommended.

This one-year class is an interdisciplinary science course whose prime intent is to provide students with a coherent and scientific perspective on the environment, drawing attention to the students' relationship with their environment and the significance of choices and decisions they make in their lives.

IB Physics ...................... 254000/254100  
Grade level 11-12. Four semesters. 254200/254300  
Prerequisite: Enrollment in IB diploma program.

This course offers a study of the most fundamental of the experimental sciences and it seeks to explain the universe itself. Topics covered include physics and physical measurement, mechanics, thermal physics, waves, electricity and magnetism, atomic and nuclear physics, measurement and uncertainties, mechanics, thermal physics, wave phenomena, electromagnetism and quantum and nuclear physics.

IB Theatre Arts ................... 964100/964200  
Grade level 11-12. Four semesters. 964300/964400  
Prerequisite: Enrollment in IB diploma program.

Theatre Arts will follow a curriculum emphasizing international themes, styles and literature and will be structured around the five elements: performing skills, world theatre skills, practical play analysis, theatre production and individual project. The overriding goal of the program is for students to come away with an understanding of the nature of theatre, its place and its contributions to societies all over the world and to become lifelong theatre goers and participants.

IB Music ......................... 572200/572300  
Grade level 11-12. Four semesters. 572400/572500  
Prerequisite: Enrollment in IB diploma program.

Through in-depth analysis of representative works, the study of genres and styles found around the world and concentrated effort in solo performance, group performance, or composition, students will gain an educated insight into music and enhance their personal skills as musicians.

IB Visual Arts ..................... 501900/502000  
Grade level 11-12. Four semesters. 502100/502200  
Prerequisite: Enrollment in IB diploma program.

The overall goal of the course is for students to develop a body of work, which represents their individual research and development of artistic expression.

IB Theory of Knowledge ............. 381100/381200  
Grade level 11-12. Two semesters.  
Prerequisite: Enrollment in IB diploma program.

This one-year class will provide a forum for students to critically reflect upon their education. The goal is to help them to become mindful learners in two important ways: first, to be able to see the connections between the disparate fields of their six core subjects and second, to begin to answer for themselves the questions of epistemology.

JROTC

PE Waiver for JROTC Participation: Upon successful first semester completion of JROTC, students will receive .5 elective credit. Upon successful second semester completion of JROTC, students will receive a .5 elective and a waiver of .5 credit of their PE requirement. Upon successful third semester completion of JROTC, students will receive a .5 elective credit. Upon successful fourth semester completion of JROTC, students will receive a .5 elective credit and a waiver of .5 credit of their PE requirement. Upon successful completion of 2 years of JROTC, students will receive 2 elective credits and a waiver of 1.0 credits of their PE requirement. PE waivers are allowed by participation in JROTC programs and are not contingent upon participation in summer JROTC camps.

AFJROTC I ...................... 975200/975300  
Grade level 9–12. Two semesters.  
Prerequisite: None.

Provides the student interested in military academy appointments, ROTC scholarships, enlisted military service after high school, or civilian aerospace-oriented careers with opportunities to develop leadership and management skills, communications techniques and instructional capabilities in the framework of a role-playing leadership laboratory. Drill and ceremony, military bearing, citizenship training and patriotism prepare the cadets for participation in community service opportunities.

AFJROTC II ..................... 975400/975500  
Grade level 9–12. Two semesters.  
Prerequisite: JROTC I.

The student will understand and apply basic principles of aerodynamics, propulsion and navigation as they relate to the aerospace environment. Cadets assume greater responsibility in running the corps as assistants to the staff officers during the second year. Successful completion of the two years of Aerospace Education entitles a student to the AFJROTC Certificate of Training with educational and career benefits. One-half science credit may be earned for the completion of AFJROTC II.

AFJROTC III ..................... 975600/975700  
Grade level 9–12. Two semesters.  
Prerequisite: JROTC II (recommended but not required).

Students will understand and be able to interpret the role of the United States in international space as man expands his research and travel to other planets. Third year cadets organize and administer the corps through command and staff assignments. Outstanding cadet leaders receive national recognition offered at all schools at any one time.
and possible selection for military academies or ROTC scholarships. Selected volunteers may participate in cooperative career training program at Elmendorf Air Force Base.

**AFJROTC IV** 975800/975900  
Grade level 9–12. Two semesters.  
**Prerequisite:** JROTC III.

A survey of the relations between nations of the world, the elements of national power and the nature and development of U.S. Air Force doctrine. Also included are instructional units on the foundations of leadership, communicative skills, survival and the obligations and opportunities of the military services.

**Army JROTC I** 976000/976100  
Grade level 9–12. Two semesters.  
**Prerequisite:** Must be 14 by the end of 9th grade. No record of conviction by civil court.

First year students are given introduction to leadership development, consisting of introduction to Army JROTC organization, personal hygiene, Red Cross first aid/AED/CPR certification, introduction to map reading, marksmanship safety and basic marksmanship, U.S. Constitution and Bill of Rights, unlocking your potential, leadership and followership development and drill.

**Army JROTC II** 976200/976300  
Grade level 9–12. Two semesters.  
**Prerequisite:** Completion of Army JROTC I.

Second year students are given added instruction in organizational skills. Intermediate marksmanship, intermediate methods of instruction, leadership development and drill, introduction to leadership theory, participation in service learning, team building skills, study of character values, intermediate map reading. Recertification in first aid/CPR/AED and development of communication skills.

**Army JROTC III** 976400/976500  
Grade level 9–12. Two semesters.  
**Prerequisite:** Completion of Army JROTC II.

Third year students are given applied leadership, consisting of psychology of leadership, seminar in leadership and management, seminar in leadership ethics and values, leadership and small unit leader problems, leadership development and drill, service learning opportunities, applied methods of instruction, recertification in first aid/CPR/AED, exploration of careers, economics and the financial planning process.

**Army JROTC IV** 976600/976700  
Grade level 9–12. Two semesters.  
**Prerequisite:** Completion of Army JROTC I, II, & III.

Fourth year students are given advanced leadership consisting of conflict resolution and application of leadership principles. Leadership Lab where fourth-year cadets are required to coordinate and organize a service learning project, practical application of leadership in the planning and the operation of all unit staff functions, advanced instruction in written and oral communication, recertification in first aid/CPR/AED and practical application of methods of instruction.

**Naval Science/Leadership I** 976800/976900  
Grade level 9–12. Two semesters.  
**Prerequisite:** None.

An introduction to developing leadership, teamwork and high standards of personal conduct and appearance. The subject taught will cover six major areas: history of NJROTC, military drill, citizenship, uniforms, laws-authority-responsibility, military customs and courtesies.

**Naval Science/Leadership II** 977000/977100  
Grade level 9–12. Two semesters.  
**Prerequisite:** None.

A continuation of leadership development, war at sea, how the U.S. Navy functions, naval strategy and tactics, maritime geography- oceanography- meteorology-astronomy and aeronautical science.

**Naval Science/Leadership III** 977200/977300  
Grade level 9–12. Two semesters.  
**Prerequisite:** None.

There is an increased emphasis on leadership responsibilities by assuming positions of leadership as cadet officers. The subject taught will emphasize sea power, national security, laws of the sea, shipboard life, rules of the road, and navigation-time.

**Naval Science/Leadership IV** 977400/977500  
Grade level 10–12. Two semesters.  
**Prerequisite:** None.

This year culminates the cadets’ leadership roles by having them be responsible for the direction of the unit. The curriculum will emphasize ethics and morals, case studies, positions of authority and the responsibility for others.

**LANGUAGE ARTS**

**English 9** 011000/011100  
Grade level 9. Required. Two semesters.  
**Prerequisite:** None.

This full-year required course incorporates an integrated approach to the teaching of listening, speaking, reading and writing. Students are instructed in a process approach to reading and writing. Individual and group verbal activities are included to help students work effectively with others. Students practice reading a variety of types of fiction and nonfiction literature and writing for different purposes and audiences. Emphasis is on improving reading and writing skills in practical and creative situations. This course offers a focus on world literature.

**English 9, Strategic 1-2** 011200/011300  
Grade level 9. Required. Two semesters.  
**Prerequisite:** Grade 9 students who demonstrate reading levels two or more years below grade level expectations.

This full-year course is designed to provide the curriculum, materials and strategies necessary for the student who needs extra support to be successful with grade 9 expectations.

**English 9-12 – 1, 2** 010200/010300  
Grade level 9. Required. Two semesters.  
**Prerequisite:** IEP.

Modified curriculum for English 9 as required by students’ IEP.

Not all courses in this catalog will be
LS 1 English 9-12 ................................. 090030
Grade level 9-12. Required. One semester.
Prerequisite: IEP.

Alternate curriculum for students enrolled in a Life Skills 1 class who are non-diploma track students on Alternate Assessment as required by their IEP. This course is repeatable.

LS 2 English 9-12 ................................. 090031
Grade level 9-12. Required. One semester.
Prerequisite: IEP.

Alternate curriculum for students enrolled in a Life Skills 2 class who are non-diploma track students on Alternate Assessment as required by their IEP. This course is repeatable.

Honors English 9 ................................. 011030/011130
Grade level 9. Two semesters.
Prerequisite: Language Arts teacher recommendation required.

The Honors 9 program is planned for students who demonstrate academic ability and specific interests in an accelerated curriculum in Language Arts. The course parallels the established curriculum of English 9; however, Honors 9 covers material more rapidly and includes additional selections. The study of literary classics and expository writing techniques will be stressed.

English 10 ................................. 011500/011600
Grade level 10. Required. Two semesters.
Prerequisite: None.

This course incorporates an integrated approach to the teaching of listening, speaking, reading and writing with a focus on American literature. American authors representing various literary genres, themes and periods will be used as a basis for understanding and appreciating our American heritage. Students will participate in both oral and written presentations. Composition will emphasize a structured study of expressive and expository writing using a writing process.

English 10, Strategic 1-2 ................................. 011400/011700
Grade level 10. Required. Two semesters.
Prerequisite: Grade 10 students who demonstrate reading levels two or more years below grade level expectations.

This full-year course is designed to provide the curriculum, materials and strategies necessary for the student who needs extra support to be successful with grade 10 expectations.

English 9-12 – 3, 4 ................................. 010400/010500
Grade level 10. Required. Two semesters.
Prerequisite: IEP.

Modified curriculum for English 10, as required by students’ IEP.

Honors English 10 ................................. 011526/011626
Grade level 10. Two semesters.
Prerequisite: Language Arts teacher recommendation required.

Honors English 10 is planned for students who demonstrate academic ability and specific interests in an accelerated curriculum in Language Arts. The course parallels the established curriculum for English 10; however, Honors 10 covers materials more rapidly and includes additional selections. In-depth study of literary classics and expository writing, oral expression and listening will be stressed.

English 9-12 – 5, 6 ................................. 010600/010700
Grade level 11. Required. Two semesters.
Prerequisite: IEP.

Modified curriculum for English 11, as required by students’ IEP.

English 9-12 – 7, 8 ................................. 010800/010900
Grade level 12. Required.
Two semesters. Prerequisite: IEP.

Modified curriculum for English 12, as required by students’ IEP.

LANGUAGE ARTS ELECTIVES
(select one composition course)

Advanced Placement Literature and Composition ................................. 014600/014700
Grade level 11-12. Two semesters.
Prerequisite: None.

Advanced Placement Literature and Composition, a college-level course, provides an in-depth study of several major literary works and prepares students for the AP Exam in Literature and Composition, a means of obtaining advanced placement in English at most colleges. The class focuses on interpretation and analysis of a variety of literature, with an emphasis on expository writing (including timed writings) based on literature. Two semesters of this course will fulfill the composition credit required by the district.

Advanced Placement Language and Composition ................................. 024500/024600
Grade level 11-12. Two semesters.
Prerequisite: None.

Advanced Placement Language and Composition is a college-level course that assists students in becoming skilled readers of literature and writers who compose for a variety of purposes. This course also prepares students for the AP Exam in Language and Composition, a means of obtaining advanced placement in English at most colleges. An intensive analysis of literature will develop students’ awareness of the use of language and influence their writing. Two semesters of this course will fulfill the composition credit required by the district.

Adventure Literature ................................. 038000
Grade level 11-12. One semester.
Prerequisite: None.

This course emphasizes the enjoyment and appreciation of suspenseful and exciting literature. Some of the topics are courage in the face of the unknown, survival, war, culture shock and the future. The materials, selected by teachers and students, may include novels, short stories, biographies, true adventure experiences, movies and other media. Outside work may include reading, writing, viewing and other assignments required by the teacher. The students will write, participate in group discussions and give oral presentations.

Applied Communications ................................. 078200/078300
Grade level 10-12. Two semesters.

A one-year course taught in conjunction with the language
arts and personal lives. This course could fulfill a language arts or elective credit.

**Bible As/In Literature** 039500
Grade level 11–12. One semester.
Prerequisite: None.

This course acquaints students of all beliefs with the history, culture and literature of the Bible. Students will read selections from the Old Testament which include history, poetry, prophecy, law and tales. Readings from the New Testament and the Apocrypha will be included as time permits. Additionally, students will read contemporary literature making references to Bible stories and themes. This course will require extensive reading, discussion and writing.

**Career and Strategic Reading** 968400
Grade level 10–12. One semester.
Prerequisite: None.

Career and Strategic Reading is a course designed for students in grades 10, 11 and 12 who want to develop or improve strategies and skills for reading and writing technical materials, to learn to read more efficiently in all content areas and to learn how to access and organize information for successful school-to-career experiences. Career and Strategic Reading is accepted for .5 English elective credit. This course is repeatable for .5 general elective credit. Students who do not pass the HSGQE Reading section should enroll in this course to develop and hone their reading skills.

**Children’s Classics** 040500
Grade level 11–12. One semester.
Prerequisite: None.

Students will explore the history of children’s literature and critically analyze children’s books. Students are expected to develop skills in recognizing the following in children’s literature: current favorites, classics, potential classics. Students will also recognize various developmental stages in relationships to the literature. This course may also include the study and practical application of these skills through a variety of projects, writing and reading of and about children’s literature. Various novels (chapter books), short stories, folk tales, picture books and poems will be discussed. Extensive reading is required.

**Classical Mythology** 043500
Grade level 11–12. One semester.
Prerequisite: None.

This course emphasizes the exploration of Greek and Roman myths and other classical myths and epics. It explores the relationships among the myths and traces the human quest to understand nature and the cosmos. Topics may include theories of myth, archetypes, oral tradition and heroes and monsters. The course serves as a historical foundation for ideas and attitudes of modern culture and explores how references to mythology permeate our modern world through art, literature and music. Students will read ancient texts, plays, epics, poetry and modern literature containing references to classical mythology. There will be extensive reading, discussion and writing.

**Composition, Advanced** 022200
Grade level 11–12. One semester.
Prerequisite: Designed for the serious college-prep student who has earned an A or B in Intermediate Composition, Individualized Writing, or Honors English 10 or 11.

Advanced Composition is a college-preparatory course which emphasizes expository writing as well as formal research writing. Instruction and reading assignments will emphasize basic research skills along with techniques for argumentative, analytical, interpretive and critical writing. This course will include grammar, usage, rhetoric and vocabulary skills as needs arise. All students will read and write extensively; this course continues the improvement of writing skills in students who know how to organize an essay effectively. Students will exhibit a high level of personal responsibility.

**Composition, Intermediate** 022100
Grade level 11–12. One semester.
Prerequisite: None.

Intermediate Composition includes several different types of writing, with concentration on the multi-paragraph paper. Students will spend much of their time writing a minimum of eight longer compositions and numerous shorter compositions. Students will also read regularly and some writing assignments will be literature-based. Students should expect to give oral presentations and responses. Writing assignments will include work in narration, description, exposition, argumentation and business/technical writing with emphasis on organization writing for various occasions. The course continues the development of writing skills introduced in earlier courses, including sentence variety, revision skills, writing style, grammatical usage, punctuation and vocabulary.

**Creative Writing** 024000
Grade level 11–12. One semester.
Prerequisite: None.

Creative Writing is an upper level course which includes the study, analysis and writing of short stories, drama, poetry and personal essays. Students should expect to write daily and demonstrate a proficiency in standard English usage and mechanics. Students will read and analyze examples of these genres as models for their own writing. The writing process is integral to this class. Students will discuss the process of writing and spend class time reading and writing. Students will exhibit a high level of personal responsibility.

**Debate** 052000
Grade level 10–12. One semester.
Prerequisite: None.

This course offers students instruction and practice in formal argumentation in both Oxford-Oregon and Lincoln-Douglas debate. Parliamentary debate may also be included. Students debate the affirmative and negative cases for the national high school debate resolution(s) and are encouraged to participate in interscholastic competition. Other persuasive speaking techniques will be studied. Students may take debate two semesters for English credit. All other repetitions are for elective credit.
Instructor’s permission is required for ninth graders to participate and for first-year students to take a second year.

**Dignity in Diversity** .................................................. 035500
Grade level 11–12. One semester.
Prerequisite: None.

Dignity in Diversity focuses on four primary concepts to inspire students toward and prepare them for a democratic society. These concepts include democracy/equity, cross-cultural understanding, interdependence and socio-cultural exchange. The methodology of the course encourages students to understand more than one perspective in a dilemma, to place themselves in the position of other people and to be willing to express ideas in class without fear of ridicule. Through an interdisciplinary approach that uses social studies and literature, students have an opportunity to view the relationship of history to their lives and to explore the roles and responses of individuals and groups confronting contemporary difficult issues and dilemmas. The course may be taken for social studies or English elective credit.

**Dramatic Literature** .................................................. 048000
Grade level 11–12. One semester.
Prerequisite: None.

This course will survey world drama and the history of theater, including Greek and Roman drama, medieval drama, Shakespearean tragedy and comedy and modern realism and expressionism. The course focuses on the reading and appreciation of drama—not on production. Dramatic Literature will include writing, oral reading, projects and discussions of one-act and full-length plays.

**Fast ForWord** .................................................. 001000
Grade level 9–12. One semester.
Prerequisite: None.

Fast ForWord is a program that provides computer-based instruction for language and reading skill development. The program is designed to improve basic phonemic awareness and processing skills, leading to an improvement in reading skills. This course is intended for students who are below grade level in reading and below proficient on the SBA and/or HSGQE. This course can be repeated one time for English elective credit and one time for general elective credit.

**Frontier Literature** .................................................. 035600
Grade level 11–12. One semester.
Prerequisite: None.

This course emphasizes the enjoyment and appreciation of popular literature dealing with the settlement of the North American frontier. Students will study western heroes and heroines, both real and legendary, in addition to the legends and folk tales of indigenous peoples. The materials, selected by teachers and students, will include novels, short stories, biographies, legends, ballads, true adventure experiences, movies and other media. Outside work may include reading, writing, viewing and other assignments required by the teacher. Students will write, participate in group discussions and give oral presentations.

**Grammar and Vocabulary Building** .................. 015000
Grade level 11–12. One semester.
Prerequisite: None.

This course interests the student who desires review of English grammar and usage with an additional emphasis on developing a precise vocabulary. This course assumes a command of basic reading, writing and thinking skills. The class will include some SAT preparation.

**HSGQE Reading** .................................................. 005100
Grade level 9–12. One semester.
Prerequisite: Intended for students who have been unsuccessful on the reading section of the HSGQE.

This HSGQE Reading course and software are designed for students who have not been successful on the reading component of the High School Graduation Qualifying Examination. The course utilizes Plato, a computer-based program that individualizes instruction based on students’ specific needs. May be repeated one time.

**HSGQE Writing** .................................................. 008100
Grade level 9–12. One semester.
Prerequisite: Intended for students who have been unsuccessful on the writing section of the HSGQE.

This course provides a student with the essential skills and strategies to be successful on the writing section of the HSGQE. Course content is aligned directly with the Alaska grade level expectations (GLEs). May be repeated one time.

**Humanities** .................................................. 041500
Grade level 11–12. One semester.
Prerequisite: None.

This course is designed to help students see the relationships among literature, drama, painting, sculpture, architecture and music as art forms. Students will explore and gain an appreciation for major achievements in the development of western cultural heritage. Readings and activities will give special attention to one’s search for identity and human values in our changing world. This course requires extensive writing.

**Individualized Reading** .................................. 006000
Grade level 11–12. One semester.
Prerequisite: None.

This course provides individualized reading instruction in the development of vocabulary, comprehension and study skills and encourages recreational reading. Curriculum may also include preparation for college entrance exams. The instructor may plan an individual program to meet the needs and reading interests of each student. May be taken twice for elective credit.

**Individualized Writing** .................................. 023000
Grade level 11–12. One semester.
Prerequisite: None.

Individualized Writing includes several different types of writing, with concentration on developing fluency. The course continues the development of writing skills introduced in earlier courses, including sentence and paragraph structure, organization and revision skills, grammatical usage, punctuation and vocabulary. Emphasis will be on practical, creative and experiential writing. Writing will include papers of varying lengths according to the students’ developmental levels. The students will strengthen their writing skills and will spend class time reading, speaking,
writing and discussing the process of writing. This course fulfills one semester of the graduation composition requirement.

**Journalism**.......................... 024400
Grade level 9-12. One semester.
Prerequisite: None.
This is a writing course for highly motivated students. This course will explore and practice various writing styles used in a journalism career. Emphasis will be placed on grammar, usage and style according to the AP Stylebook. Proofreading and editing skills will be practiced. The class will develop research, interviewing and documentation skills used in creating well-written, balanced stories. Writing may include, but is not limited to news, feature, editorial and sports writing. Journalism will satisfy one semester of English composition credit.

**LS Reading 9-12**...................... 001530
Grade level 9-12. One semester.
Prerequisite: IEP.
Alternate curriculum for students enrolled in a Life Skills class who are non-diploma track students on Alternate Assessment as required by their IEP. English credit up to two times and unlimited for general elective.

**Literature of the North**.............. 036000
Grade level 11-12. One semester.
Prerequisite: None.
This course emphasizes the enjoyment and appreciation of regional literature focusing on Alaska and the Arctic. Students will study both historical and contemporary works including legends, myths, fiction, poetry, real-life accounts, movies and other media. Topics may include survival, wilderness, cultural interaction, animal stories, environmental issues and Native cultures. Outside work may include reading, writing, viewing and other assignments required by the teacher. The students will write, participate in group discussions and give oral presentations.

**Mass Media**.......................... 073000
Grade level 11-12. One semester.
Prerequisite: None.
This course studies modern communication media including books, newspapers, magazines, radio, film and television. By developing an awareness of processes and technology employed, students will create a critical framework for analyzing mass media. This course emphasizes career opportunities and related skills. Students will use writing principles of clarity, accuracy and conciseness to learn various types of journalistic skills for print and electronic media.

**Modern American Fiction**.......... 036500
Grade level 11-12. One semester.
Prerequisite: None.
This course provides a study of representative works of American fiction from 1900 to the present and the changing social and intellectual setting the works reflect. Emphasis is placed on the understanding and appreciation of modern American literature. Students may also explore the biographical background, influences and styles of various American authors. Selections may include novels, short stories, drama, poetry, movies and other media. The course requires extensive reading, writing and discussion.

**Motion Picture**.......................... 075000
Grade level 11-12. One semester.
Prerequisite: None.
This course explores how films communicate and affect the viewer. Students are expected to develop a critical appreciation of film. The language of film and film literacy will be emphasized. Movies will also be analyzed using the conventional literary devices of theme, plot, diction, character, mood, setting, style, etc. Students are expected to respond to films through writing, discussions and projects. Students view and discuss numerous films to analyze the techniques of professional film makers. The course may also include practical application of film techniques in planning a film which may or may not be actually made. Extensive writing is expected.

**Multicultural Literature**............ 035400
Grade level 11-12. One semester.
Prerequisite: None.
This course explores universal themes in literature of diverse cultural perspectives written by and about people from a variety of ethnic groups. This course features selection of fiction, non-fiction (including memoir), poetry and drama by authors such as Amy Tan, Richard Rodriguez, Isaac Bashevis Singer, N. Scott Momaday and Toni Morrison. Selections may also include works in translation by authors such as Isabel Allende, Gabriel Garcia Marquez, Jorge Luis Borges and other world language authors. Extensive reading, writing, discussion and presentation of projects are expected.

**Mystery & Sports Literature**........ 046500
Grade level 11-12. One semester.
Prerequisite: None.
This course emphasizes the enjoyment and appreciation of fast-moving and exciting literature in these popular genres. Materials, selected by teachers and students, may include novels, short stories, real-life accounts, poetry, movies and other media. In the mystery portion of the course students will make the acquaintance of major fictional sleuths and study the following types of stories: detective, gothic, police procedural and spy thriller. In the sports portion students will study sports fiction, read biographies and memoirs of major sports figures and research sports issues. Outside work may include reading, writing, viewing and other assignments required by the teacher. Students will write, participate in group discussions and give oral presentations.

**Newspaper 1**.......................... 076100
Grade level 9-12. One semester.
Prerequisite: Completion of Journalism with a “B” or better and instructor’s permission. Application and previous English grade standards may be required.
Newspaper 1 is for highly motivated students who wish to continue learning and practicing journalistic writing. Students will write stories using and improving skills learned in journalism. Grammar, usage, proofreading and editing skills will be emphasized. Assignments will be prepared in AP Stylebook format for publication. The ability to work responsibly and individually to meet deadlines is essential and expected. Students will write in

Not all courses in this catalog will be
different news styles such as news, feature, sports and editorial writing. Satisfies one semester English credit.

Newspaper 2 .................................................. 076300
Grade level 10–12. One semester.
Prerequisite: Journalism and/or Newspaper I with a grade of “B” or better or instructor’s permission.

Newspaper II is an advanced journalism course designed to produce and manage a school newspaper. Students will continue to improve writing and editing skills as they study graphics, layout and desktop publishing. Computer skills will be emphasized. Students will practice a variety of journalism skills in this real-world setting such as advertising sales, layout and design, photography composition, managerial and editorial skills, investigative reporting and legal ethics and responsibilities. Expectations include individual responsibility, the ability to meet strict deadlines and teamwork. Satisfies one semester English credit. May be repeated six times for elective credit.

Nonfiction: Real Life in Literature ..................... 044000
Grade level 11–12. One semester.
Prerequisite: None.

This course explores nonfiction literature including memoir, biography and autobiography, narratives of exploration and adventure, nature and historical writings, articles, interviews and essays. Selections may also be drawn from newspapers, magazines, other media, journals, diaries and speeches. Outside work will include extensive reading and frequent writing. Students will write, participate in group discussions and give oral presentations.

Oral Interpretation ................................. 049000
Grade level: 9–12. One semester.
Prerequisite: Successful completion of Speech Communication or instructor’s permission.

Students select material for analysis, modification and performance. The elements of poetry, plays and fiction are examined and prepared for presentation. Students will learn written aspects of presentation.

Poetry .................................................. 043000
Grade level 11–12. One semester.
Prerequisite: None.

This course emphasizes the enjoyment and appreciation of poetry. The studies will involve the forms and techniques of poetry, including figurative language, fixed and open forms, rhyme, meter and sound. Study will include the close reading of a wide variety of poems. Students will read, discuss, compose and analyze poetry.

READ 180 ............................................... 001100
Grade level 9–12. One semester.
Prerequisite: None.

READ 180 is an intensive reading intervention program designed to meet the needs of students whose reading achievement is below the proficient level. The program directly addresses individual needs through adaptive and instructional software, high-interest literature and direct instruction in reading skills. This course is intended for students who are below grade level in reading and below proficient on the SBA and/or the HSGQE.

Reading 9-12 .......................................... 001500
Grade level 9–12. One semester.
Prerequisite: IEP.

Modified curriculum as required by students’ IEP. English credit up to two times and unlimited for general elective.

Romanticism ........................................ 044500
Grade level 11–12. One semester.
Prerequisite: None.

This course explores the philosophy which idealizes the individual and nature, presenting them in a picturesque, imaginative and frequently adventurous manner. Readings will include Gothic stories and literature promoting social, moral and political change. Students will study the growth of Romanticism in the 19th century and will trace it as a vigorous tradition in modern literature. Students will read poetry, prose and drama and the course will require extensive reading, writing and discussion.

Science Fiction and Fantasy ..................... 045500
Grade level 11–12. One semester.
Prerequisite: None.

This course explores the human race as well as the technology and ideas of today and tomorrow. It emphasizes science fiction and fantasy genres as vehicles for social criticism and stimulation of thought about technological development and psychological, societal and political organization. Science Fiction and Fantasy will include writing, projects and discussions as well as reading of novels and short stories. Enjoyment of leisure reading is also emphasized.

Shakespeare ........................................ 046000
Grade level 11–12. One semester.
Prerequisite: None.

This course illuminates selected works of Shakespeare and provides an introduction to the Elizabethan period. Students will read from Shakespeare’s tragedies, histories, comedies and sonnets. This literature class will require extensive listening, reading, oral interpretation, discussion and writing.

Speech Communication ......................... 056000
Grade level 9–12. One semester.
Prerequisite: None.

This course provides an introduction to and practice of the skills and techniques of individual and group formal communication. Students create and write impromptu, extemporaneous, after-dinner, expository and oratory speeches. Students will participate in panel and group discussions as well as reader’s theater productions, examine debate types and study communication theory. Parliamentary procedure may also be introduced.

Survey of British Literature ..................... 047000
Grade level 11–12. One semester.
Prerequisite: None.

This course surveys the major writers and literary periods in Great Britain from Beowulf to the present. Students will become familiar with and develop an appreciation for both classical and contemporary works and writers in the English language. Selected materials may include novels, short stories, drama, poetry, non-
fiction, movies and other media. A study of the development of the English language may also be included. This course requires extensive reading, writing and discussion.

**Survey of World Literature** .......................... 041000
Grade level 11–12. One semester.
Prerequisite: None.

This class provides an overview of the major works and authors of international literature. Emphasis is on the development and student understanding and appreciation of authors and periods by placing the literature in historical and cultural contexts. Selections from both classical and contemporary literature will include novels, short stories, drama, poetry, nonfiction, movies and other media. This course requires extensive reading, writing and discussion.

**Teen Issues in Literature** .......................... 037500
Grade level 11–12. One semester.
Prerequisite: None.

The course focuses on literature with teenage characters and explores coming-of-age issues. Emphasis is on the enjoyment and appreciation of literature through comparison and discussion of novels, short stories, biographies, movies, television shows and other media. Topics may include healthy life skills, decision making, relationships, sexuality, drugs, alcohol and mental health. Outside work may include reading, writing, viewing, or other assignments required by the teacher. Students will write, participate in group discussions and give oral presentations.

**Women’s Literature** .......................... 046600
Grade level: 11–12. One semester.
Prerequisite: None.

This literature-based course is designed for all avid readers who enjoy in-depth analysis and interpretation of a variety of genres, such as novels, drama, short stories, non-fiction and poetry. In addition, students will write and give oral presentations. Authors from around the world will be represented in the course material. The class will employ numerous discussion techniques. The intent of the course is to cover female authors (or works) who have not been studied in other courses. Outside work may include reading, writing, viewing and other assignments required by the teacher.

**World Mythology** .......................... 043600
Grade level 11–12. One semester.
Prerequisite: None.

This course takes a multicultural approach to the study of mythology. It explores themes, motifs and archetypes common to all cultures. Topics may include creation, tricksters, monsters, floods, revenge, the afterlife and heroes. Students may read myths from Africa, Asia, Scandinavia, the Americas, the Pacific Rim and other cultures. There will be extensive reading, writing and discussion.

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**King Career Center academic credit**

**Advertising, Art and Design** .......................... 842200
Grade level 11-12. One semester.
May be taken 2 times with a “C” or better to advance.
Alternative credits: 1/2 English maximum.

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This course is designed for the student interested in acquiring entry-level skills in the commercial art field. In the first semester, students are introduced to typography, advertising approaches, color and design theory, illustration, magazine and packaging layout and design, marketing, newspaper layout, symbols and logo design. Students are also assigned computer production jobs to complete within the working parameters of time and standards of quality. In the second and third semesters, students receive an in-depth study of practices common to an advertising design studio. Students develop advanced layout and computer graphics skills using Adobe InDesign, Adobe Photoshop and Adobe Illustrator programs. All students will complete a portfolio of assigned projects which demonstrate a mastery of basic entry skills in one of the following areas: airbrush/illustration, advertising, marketing, computer graphics and desktop publishing, architectural design and industrial design using 2D and 3D software. Professionalism is emphasized every day.

**Job entry opportunities:**

Interior design, advertising, product design, fine art, fashion design, transportation design, furniture design, cartoon illustration, landscape design, movie making, airbrush, architecture, package design, illustration, desktop publishing, art direction

**Business Technology** .......................... 854800
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.
Prerequisite: Successful completion of one semester of computer keyboarding.
Alternative credits: 1/2 English after completion of 2 semesters.

The need for qualified office workers continues to increase annually. In Business Technology students learn to use network computer systems, various software packages such as the Microsoft Office Bundle, Adobe Web Standard CS3, Adobe Photoshop Elements and Premier and other office equipment. In addition, they learn to prepare a perfect résumé, dress professionally, and conduct themselves in a businesslike manner. During the first semester students will become familiar with Microsoft Office at the specialist level as well as learning photo manipulation and basic web design. Students will have the opportunity to earn University of Alaska Anchorage credits while they are in class through the Tech Prep program for a minimal fee. It is possible to earn 10 credits if a student takes Business Technology for two semesters.

Second semester students may earn one-half English elective credit to be applied toward graduation by completing numerous projects, newsletters, spelling drills and word usage. Students will have the opportunity to present visually, on hard copy, and by audio various projects using the different Microsoft Office programs such as Word, PowerPoint, Excel, Access, and Publisher merging both computer and English skills. The second semester student will learn Microsoft Office at the expert level, rebuild, edit, add, and maintain web pages with multimedia capabilities.
Industry certification is becoming more and more important each year. Business Technology is able to test for two different, world recognized, certifications at the King Career Center for a minimal fee. Microsoft Office Specialists (MOS) and Internet Computer Core Certification (IC³) certifications will be offered to students.

**Job entry opportunities:**

- Court clerk, typist/word processor, general office clerk, customer service representative, insurance clerk, file clerk, order clerk, library assistant, personnel clerk, credit and loan clerk, data entry operator, office machine operator, receptionist, telephone operator, hotel desk clerk, mail clerk

**Radio and Television Production**

Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.
Alternative credits: 1/2 English maximum

Creative students will explore broadcast radio and television while learning how to produce, direct and star in movies. This fun and exciting class will prepare students interested in working in front of or behind the camera. Other students will learn how to “DJ” and play songs from a playlist. OJT students gain added experience by working at Anchorage's top TV and radio stations.

Returning students will be in charge of managing and overseeing various radio and TV productions. These students will also be responsible for independent community media projects. Returning students will also act as professional role models in all aspects of radio/TV production and are assigned to new students as supervisors for evaluation purposes.

**Job entry opportunities:**

- TV producer, TV director, camera operator, editor, production assistant, special effects designer, tape operator, disc jockey, record producer, recording engineer, sound technician, radio producer, radio board operator, producer, director, screenwriter, camera or sound operator, actor

**General elective reading course**

**Power Reading/Writing for College**

Grade level 11-12. One semester. No English credit.
Prerequisite: Passed the HSGQE in Reading and Writing.

This course is intended for students who want additional support and specific experiences to prepare for college. The course includes extensive analysis of high-level literature and technical materials. A selection of challenging texts requiring both critical reading and writing skills is included. Students will be expected to listen, discuss and extend course content to theorize, analyze and critique. The course will include preparation for the ACT/SAT tests, methods for organizing study materials and strategies for vocabulary improvement.

**MATHEMATICS**

**Algebra A**

Grade level 9-11. Two semesters.
Prerequisite: First semester enrollment requires at least one of the following:

- offered at all schools at any one time.

1. A grade of “C” or better in 8th grade math.
2. A grade of “C” or better in Pre-Algebra.
3. Recommendation or approval of student’s most recent math instructor or math department chairperson.

The student cannot have earned credit for the first semester of Algebra I or any higher level math class.

The prerequisite for the second semester of Algebra A is the successful completion of the first semester or consent of instructor or math department chairperson.

This course reviews and extends problem solving, data analysis, the use of technology (i.e., scientific calculator, graphing calculator, computer), the theory, use and understanding of the fundamental operations on real numbers. The course covers work with data, linear equations and functions, graphing linear equations, solving linear equations and inequalities, radicals, connects algebra with geometry and uses algebra in appropriate related applications. This course is the equivalent of the first semester of an Algebra 1 course.

**Algebra B**

Grade level 10-12. Two semesters.
Prerequisite: First semester enrollment requires at least one of the following:

1. Successful completion of both semesters of Algebra A.
2. Successful completion of the first semester of Algebra I.
3. Recommendation or approval of student’s most recent math instructor or math dept. chairperson.

The student cannot have earned credit for the second semester of Algebra I or any higher level math class. The prerequisite for the second semester of Algebra B is the successful completion of the first semester or consent of instructor or math department chairperson.

This course reviews and extends problem solving, data analysis, the use of technology (i.e., scientific calculator, graphing calculator, computer), the theory, use and understanding of the fundamental operations on real numbers and linear equations, graphing linear equations in a variety of forms and work with data, equations and functions. The course will cover systems of linear equations, quadratic functions, exponential functions, polynomial functions, rational functions and discrete math using appropriate related applications. This course is the equivalent of the second semester of an Algebra I course.

**Algebra I**

Grade level 9-12. Two semesters.
Prerequisite: First semester enrollment requires at least one of the following:

1. A grade of “C” or better in 8th grade math.
2. A grade of “C” or better in Pre-Algebra.
3. Recommendation or approval of student’s most recent math instructor or administrator.

The prerequisite for the second semester of Algebra I is the successful completion of the first semester or consent of instructor or administrator. Students who have successfully completed Algebra B or Survey of Algebra cannot take Algebra I.

The course reviews and extends problem solving, data analysis, the use of technology (i.e., scientific calculator, graphing calculator, computer), the theory, use and understanding of the
fundamental operations on real numbers, expressing quantitative statements in the language of algebra, solving equations and inequalities, polynomials, the use of rational expressions in equations, coordinate graphing, irrational numbers, solution of quadratic equations and related applications.

Algebra II ................. 137700/137800
Grade level 9–12. Two semesters.
Prerequisite: A grade of “C” or better in Algebra I and Geometry or permission of previous mathematics instructor and/or administrator. The prerequisite for the second semester of Algebra II is the successful completion of the first semester or consent of instructor and/or math department chairperson.

This course includes problem solving, data analysis, the use of technology (i.e., graphing calculator, computer), basic operations with polynomials, solving equations and inequalities, sequences and series, relations and functions, systems of equations in two and three variables, matrices, irrational and complex numbers through the solution of quadratic functions and polynomial functions of higher than first degree and an introduction to logarithms.

Advanced Algebra, Statistics, Trigonometry .................. 166000/166100
Grade level 10–12. Two semesters.
Prerequisites: A grade of “C” or better in Algebra II or permission of previous math instructor or math dept. chairperson. The second semester prerequisite for this course is the successful completion of the first semester or consent of instructor or math dept. chairperson.

This course includes problem solving, data analysis, the use of technology (graphing calculator, computer), transformations of functions and data, power, exponential and logarithmic functions, trigonometric functions, graphs of circular functions, probability and simulation, sequences, series and combinations, polynomial functions, binomial and normal distributions and matrices and trigonometry.

Advanced Placement Statistics ........ 170100/170200
Grade level 11–12. Two semesters.
Prerequisites: First semester enrollment requires a grade of “B” or better in Algebra II. The prerequisite for the second semester of AP Statistics is the successful completion (“C” or better) of the first semester or the consent of the instructor or math department chairperson.

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students will be expected to be able to use appropriate technology to interpret data and will be expected to be able to communicate their results in an understandable form.

Advanced Placement Calculus AB .... 170600/170700
Grade level 11–12. Two semesters.
Prerequisite: “B” or better in Pre-Calculus and Algebra II or permission of the previous mathematics instructor.

This course includes the study of functions and graphs, derivatives and their application, analytic geometry, limits and continuity and includes the use of current technology.

Advanced Placement Calculus BC .... 170900/171000
Grade level 11–12. Two semesters.

Prerequisite: “B” or better in AP Calculus AB; a 3 or higher on the AP Calc AB test; or permission of the Calculus BC instructor.

This course includes the study of functions and graphs, derivatives and their application, analytical geometry, limits and continuity, integrals, parametric equations, polar functions and vector analysis. Additional techniques and applications for differentiation and integration will be developed. Polynomial approximations will be explored through the Maclaurin and Taylor Series. Convergence and divergence of sequences and series will be investigated. Appropriate technology will be incorporated throughout the course.

Advanced Placement Calculus C ........ 170800
Grade level 11–12. One semester.
Prerequisite: AP Calculus or simultaneous enrollment in second semester AP Calculus with a grade of A or B.

This semester course is designed to enhance a student’s understanding of functions, graphs, limits, derivatives and integrals by including the study of parametric equation, polar functions and vector analysis. Additional techniques and applications for differentiation and integration will be developed. Polynomial approximations will be explored through the Maclaurin and Taylor Series. Convergence and divergence of sequences and series will be determined using geometric series and harmonic series, alternating series, p-series, the integral test and the ratio test. Appropriate technology will be incorporated throughout the course.

Analyzing and Displaying Data .......... 168000
Grade level 11–12. One semester.
Prerequisites: The successful completion of both an Algebra and Geometry course. The student cannot have received a “C” or better in Algebra II or any higher level math course.

In this course, the student will generate and use data sets to communicate information, to analyze and communicate the meaning of data sets and use statistical methods to test conjectures. Problem solving and technology (graphing calculator and computer) will be incorporated and probability will spiral throughout the course. Students will design and conduct a study, gather the data, analyze the results and make a presentation incorporating technology.

Basic Math 9-12 ............... 101800/101900
Grade level 9–12. Two semesters.
Prerequisite: IEP

Modified curriculum for Basic Math, as required by students’ IEP.

Basic Math Skills ................. 102100/102200
Grade level 9–12. Two semesters.
Prerequisite: This course cannot be taken by any student who has successfully completed Pre-Algebra with a “C” or better or any higher math course.

This course is designed for the student who needs remedial work in basic math skills. This course covers addition, subtraction, multiplication and division of whole numbers, fractions and decimals, estimation, percents, solution of word problems and calculator applications.

Not all courses in this catalog will be
Consumer Math 9-12 .......................... 113000/114000
Grade level 9–12. Two semesters.
Prerequisite: IEP.

Modified curriculum for Consumer Math, as required by students' IEP.

Geometry ........................................ 150200/150300
Grade level 9–12. Two semesters.
Prerequisite: A grade of "C" or better in Algebra I or permission of previous mathematics instructor and/or administrator.
The prerequisite for the second semester of Geometry is the successful completion of the first semester or consent of instructor and/or administrator.

This course covers the study of plane and three dimensional geometry with emphasis on clarity and precision of language and the logical development of geometric principles in deductive reasoning and proof including work with points, lines, planes, angles, congruent triangles, circles, polygons and transformations.

HSGQE Math ...................................... 102300
Grade level 9–12. One semester.
Prerequisite: Intended for students who have been unsuccessful on the math section of the HSGQE.

This course provides a student with the essential skills and strategies to be successful on the math section of the HSGQE. Course content is aligned directly with the Alaska grade level expectations (GLEs). May be repeated one time.

Informal Geometry .............................. 150400/150500
Grade level 10–12. Two semesters.
Prerequisites: Successful completion of Survey of Algebra or Algebra A/B or minimal competency in Algebra I (credit earned) and permission of previous mathematics instructor or math department chairperson. This course cannot be taken by anyone who has earned credit for Geometry or any higher level math course. The prerequisite for the second semester of Informal Geometry is the successful completion of the first semester or consent of instructor or math department chairperson.

This course uses an inductive/intuitive approach to developing geometric concepts with emphasis on concrete experiences and applications. The proper vocabulary for the logical development of developmental principles will be stressed. Topics will include classifications of, properties of and relationships between points, lines, planes, angles, similar and congruent triangles, circles, polygons and polyhedrons; measurement; transformations and constructions.

Informal Geometry 9-12 ........................ 115000/116000
Grade level 10–12. Two semesters.
Prerequisite: IEP

Modified curriculum for Informal Geometry, as required by students’ IEP.

Integrated Math ................................... 136000/136100
Grade 11–12. Two semesters.
Prerequisites: The student must have satisfied the Algebra requirement and passed a Geometry course. The student cannot have earned any credit for Algebra II or any higher level math course.

This course will integrate Algebra 1 and Geometry topics and present them in the context of applications. It will also include probability, statistics, logical reasoning and discrete math. It is recommended for students with some algebra and geometry credit, who wish to strengthen and improve their math knowledge in these areas and apply it to real life situations.

Pre-Algebra ........................................ 103100/103200
Grade level 9–12. Two semesters.
Prerequisite: A knowledge of the basic computational skills.

This course cannot be taken by students who have successfully completed Survey of Algebra or Algebra A or B, or Algebra I or any higher level math course. The prerequisite for the second semester of Pre-Algebra is successful completion of the first semester or consent of instructor, math department chairperson and/or administrator.

This course is designed to prepare students for success in an algebra course. The emphasis will be on continued development of pattern recognition, computational skills, elementary algebra topics, geometric relationships, problems solving and the use of technology.

Pre-Algebra 9-12 ................................. 109000/110000
Grade level 9–12. Two semesters.
Prerequisite: IEP.

Modified curriculum for Pre-Algebra, as required by students’ IEP.

Pre-Calculus with Trigonometry ............. 166200/166300
Grade level 10–12. Two semesters.
Prerequisites: A grade of “B” or better in Geometry and Algebra II or permission of previous mathematics instructor or math department chairperson. The prerequisite for the second semester of Precalculus with Trig is the successful completion of the first semester or consent of instructor or math department chairperson.

This course covers logarithmic and exponential functions, analytic geometry, introduction to limits and the derivative, sequences and series, circular and trigonometric functions, graphs, laws, identities, inverses and their applications, vectors...
and complex numbers. The emphasis of this course is on the concepts that build toward understanding calculus. It will follow an applications approach and use graphing calculators and other appropriate technology.

Survey of Algebra .......................... 132600/132700
Grade level 10–12. Two semesters.
Prerequisite: Successful completion of Pre-Algebra or consent of previous mathematics instructor and/or administrator. This course cannot be taken by a student who has successfully completed Algebra I, Algebra B or any higher level math course. The prerequisite for the second semester of Survey of Algebra is the successful completion of the first semester.

This course provides an introduction to uses and applications of some algebraic concepts including the solution of linear equation, inequalities and formulas, graphing linear equations and inequalities and the solution of word problems. This course is designed for the student who will need to apply algebraic concepts in vocational/career areas, vocational courses and/or King Career Center courses.

Survey of Algebra 9-12 ....................... 111000/112000
Grade level 10–12. Two semesters.
Prerequisite: IEP.
Modified curriculum for Survey of Algebra, as required by students’ IEP.

King Career Center academic credit

Aviation Maintenance Technology ............ 840100
Grade level 11-12. One semester.
May be taken 4 times with a grade of “C” or better to advance.
Alternative credits: 1/2 Math (1 credit maximum) and/or 1/2 Science (1 credit maximum) per semester.

This is a 4-semester program taught at the University of Alaska Aviation Complex at Merrill Field. Different subject matter is covered each semester. Students can earn college credits.

AMT students learn repair and maintenance of aircraft in 4 subject areas: welding, fabric and finishing, sheet metal and engine theory. Additionally, students will learn about aircraft hardware and lock wire as well as basic aerodynamics or how aircraft fly. Students must purchase leather gloves for welding class. All other supplied safety equipment use is mandatory.

Job entry opportunities:
Entry level line attendant, baggage handler, mechanics helper

Carpentry .................................... 841800
Grade level 11-12. One semester.
May be taken 3 times with a grade of “C” or better to advance.
Alternative credits: 1/2 Math/semester (1 credit max.)

Students will receive primary training in residential and light commercial construction methods. The course is taught using the recognized Occupational Skill Standards for the National Center for Construction Education and Research (NCCER). The first section covers Core Construction Curriculum with the second section covering Carpentry Level One Curriculum. Training is accomplished with the latest in power tools, materials and technology available in the construction industry.

Students will complete written tests and performance evaluations on certain aspects of the trade. Passing these evaluations may earn certification and national registry with NCCER. Second and third semester students need to show self-motivation and will be expected to work independently on advanced carpentry projects, while also keeping a journal with daily work records. Second semester students will aid in tool and machine demonstrations. Purchase of safety glasses is required.

Job entry opportunities:
Carpentry—residential and commercial, roofing, materials distribution and sales, building maintenance, union apprenticeship programs

Computer Electronics Technology ............ 824500
Grade level 11-12. One semester.
May be taken 4 times with a grade of “C” or better to advance.
Prerequisite: Algebra with a grade of “C” or better.
Alternative credits: 1/2 Math (1 credit maximum) and/or 1/2 Science (1 credit maximum) per semester.

This course integrates extensive hands-on activities with math and interactive computer programs to emphasize basic electronics theory and application. Each semester the subject matter is different and cumulative and can be used for science, math and elective credit. Students can earn college credits.

1st semester: Personnel skills to include careers, business ethics and dealing with customers. Basic D.C. electricity which includes safety, soldering, schematics, series and parallel circuits, tools, components, cabling and test equipment. Also includes computer basics, building and troubleshooting.

2nd semester: Complex D.C. circuits, digital electronics, introduction to A.C., home theater and sound systems, robot building and introduction to computer networking.

3rd semester: Advanced A.C., wireless communication, advanced audio and video systems and advanced computer troubleshooting.

4th semester: Usually OJT and/or special advanced projects.

Job entry opportunities:
Cable/satellite TV installer, computer sales, personal computer setup and repair, network troubleshooting, electrical apprenticeship

Computer Science ............................. 854100
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.
Prerequisite: Type 30 w.p.m. Good math skills necessary.
Alternative credits: 1/2 Math/semester (1 credit max.)

The computer science program gives students the opportunity to develop a broad range of computer skills. The first semester program provides an integrated approach to attainment of the nationally recognized A+ Certification which incorporates maintaining, troubleshooting and repairing computer hardware and software.

Second semester students will explore various hardware and software topics such as Net+ Certification (a nationally recognized certification in networking fundamentals), HTML and web design and beginning programming. Independent studies can be explored with instructor’s approval. Second semester students

Not all courses in this catalog will be
should be able to work independently and be self-motivated to achieve their course goals. Computer Science has a Tech Prep agreement with UAA for students to earn college credits.

**Job entry opportunities:**
Help desk support specialist, computer installer, computer repair specialist

**Construction Electricity** ................. 843000
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.
Alternative credits: 1/2 Math/semester (1 credit max.)

The first part of this course covers the Core Construction Curriculum established by the National Center for Construction Education and Research (NCCER). Six areas of construction covered include basic safety, introduction to construction math, introduction to hand tools, introduction to power tools, introduction to blueprints and basic rigging. Using the electrical trainee guide for NCCER, students will cover electrical safety, conduit bending, electrical fasteners and anchors, electrical theory one and two with the course then focusing on residential house wiring. Second semester students will cover electrical test equipment, introduction to the National Electrical Code, wiring for raceways, boxes and fittings and both commercial and advanced residential wiring. Purchase of safety glasses is required.

**Job entry opportunities:**
Electrical counter sales, intern electrician, IBEW apprenticeship (after graduation), small appliance repair

**Masonry** ........................................ 844000
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.
Alternative credits: 1/2 Math/semester (1 credit max.)

The first part of this course covers the Core Construction Curriculum established by the National Center for Construction Education and Research (NCCER). Six areas of construction covered include basic safety, introduction to construction math, introduction to hand tools, introduction to power tools, introduction to blueprints and basic rigging. The masonry program provides instruction on the proper layout, preparation and finishing of concrete footings and block foundations. Students will practice building block walls and corners as well as working with concrete forms, slabs and cement finishing techniques. Drywall installation, taping, finishing and texturing with minor drywall repair may also be covered. Second semester students will be required to use the masonry skills acquired first semester to complete projects and assignments on an advanced level. Purchase of safety glasses is required.

**Job entry opportunities:**
Concrete laborer, concrete finisher, block mason, brick and tile setter, journeyman mason, drywall apprentice, drywall contractor, drywall finisher

**MUSIC**

**Band, Intermediate** ................. 562600/562700
Grade level 9–12. Two semesters.
Prerequisite: Beginning Band or Director’s approval.

This course is designed to improve student’s technical skills on their instrument. Students will experience an awareness of music through theory and history of band music. Students will be instructed to memorize scales in basic keys. Students will practice a balance of study books with some standard literature in preparation for advancement into concert band. Performances outside of class are required. Repeatable unlimited times.

**Band, Concert** ....................... 563100-563200
Grade level 9–12. Two semesters.
Prerequisite: Intermediate Band or Director’s approval.

Students will experience advanced technical training through group and individualized instruction. Students will increase individual concepts of tone control, nomenclature and musical awareness through the study of band literature as well as technique materials drawn from standard study books. This course provides an increased emphasis on musical style and interpretation. Performances outside of class are required. Repeatable unlimited times.

**Band, Symphonic** .................. 564100/564200
Grade level 9–12. Two semesters.
Prerequisite: Audition and Director’s approval.

This music ensemble is a sequel to concert band for those wishing to perform at an optimum playing level. This is a high involvement class with an emphasis on performance. Some written work and several evening performances are required during the year, including major concerts, solo and small ensemble festivals, large group festivals, area festivals and athletic events. Performances outside of class are required. Individual study is highly recommended. Repeatable unlimited times.

**Band, Jazz** ......................... 565100/565200
Grade level 9–12. Two semesters.
Prerequisite: Audition, symphonic band performance level and Director’s approval.

This class offers the advanced student a chance to explore the big band sound as well as exposure to the theory of improvisation and chord reading. The group will give the student a chance to play and perform more modern forms of dance orchestration such as rock, jazz, ballad, Latin, etc. Performances outside of class are required. Enrollment is limited to standard stage band instrumentation. Other instruments are possible upon instructor’s approval. Because the basic concepts of musicianship apply to all styles of performance, students may be required to enroll in Symphonic Band in addition to Jazz Band to further their individual abilities. Repeatable unlimited times.

**Choir, Intermediate** .................. 552100/552200
Grade level 9–12. Two semesters.
Prerequisite: Audition or Director’s approval

A sequel to the concepts of beginning choir for student who would like experience in increasing vocal and music-reading techniques through multi-part choral music and studies. Limited public performances outside of class are required. Repeatable unlimited times.

**Choir, Mixed** ....................... 550800/550900
Grade level 9–12. Two semesters.
Prerequisite: None.

Fundamentals of choral music will be emphasized to include note-reading, part-singing, interpretation, individual and group response to direction and basics of vocal technique. Limited public performances outside of class are required. Opportunity to prepare for advanced choral classes. Repeatable unlimited times.

Choir, Concert .......................... 553100/553200
Grade level 9–12. Two semesters.
Prerequisite: Audition and Director’s approval.

A high involvement level class with emphasis on performance for students of advanced choral ability to include increased individual musical development. Several required performances which may include major concerts, solo and small ensemble festivals and large group festivals. Increased individual study encouraged. Repeatable unlimited times.

Choir, Treble .............................. 551400/551500
Grade Level 9-12. Two semesters.
Prerequisite: None.

A choral ensemble that will perform music written only in treble clef (SA, SSA, SSAA, etc.). Fundamentals of choral music will be emphasized to include note-reading, part-singing, interpretation, individual and group response to direction and basics of vocal technique. Required performances will include major concerts and large group festivals as well as optional participation in solo and ensemble festivals. Repeatable unlimited times.

Choir, Tenor-Bass .......................... 551200/551300
Grade Level 9-12. Two semesters.
Prerequisite: None.

A choral ensemble that will perform music written only in bass clef (TB, TTBB, etc.). Fundamentals of choral music will be emphasized to include note-reading, part-singing, interpretation, individual and group response to direction and basics of vocal technique. Required performances will include major concerts and large group festivals as well as optional participation in solo and ensemble festivals. Repeatable unlimited times.

Choir, Swing ............................... 554100/554200
Grade level 9–12. Two semesters.
Prerequisite: Audition, concert choir performance level and Director’s approval.

An ensemble of 12 to 24 select vocalists for the express purpose of singing various musical styles; may include jazz, madrigals or contemporary (pop). The group may perform frequently during the year at school and public functions. For advanced vocal student who is willing to participate in numerous required performances. Repeatable unlimited times.

Orchestra, String Technique .......... 567100/567200
Grade level 9–12. Two semesters.
Prerequisite: None.

This course is for students with limited or no previous experience in music. It is for students who wish to learn to play a string instrument for personal or group experience. Students will learn basic left and right hand skill on an instrument and learn to read music notes and symbols. Students will have an opportunity for group playing as well as some limited individual study. This course is a brief overview of string instruments of different types and styles of music. Repeatable unlimited times.

Orchestra, Chamber I .................... 568100/568200
Grade level 9–12. Two semesters.
Prerequisite: Middle school experience or Director’s approval.

This course will develop playing skills beyond a beginning level. Emphasis will be on basic, fundamental techniques of string playing including, but not limited to, development of left-hand technique, introduction of a variety of bowing styles, basic theory, key signatures, scales and music history. Home practice and some written work is required. Performances outside of class are required. Individual study is encouraged. Repeatable unlimited times.

Orchestra, Chamber II .................... 568300/568400
Grade level 9–12. Two semesters.
Prerequisite: Middle school experience or Director’s approval.

This course will develop more advanced technical skills in string playing. Emphasis will be on left-hand technique, including position work, bowing styles, tone production, basic theory, key signatures and scales. Students will become acquainted with rehearsal skills required for participation in large musical groups, through varied orchestral literature. Home practice, some written work and several evening performances are required with optional participation in Solo Ensemble Festival. Individual study is encouraged. Repeatable unlimited times.

Orchestra, Concert ...................... 569100/569200
Grade level 9–12. Two semesters.
Prerequisite: Audition and Director’s approval only.

This course is a sequel to Chamber Orchestra for those wishing for an optimum playing level. This is a high-involvement class, including the educational benefits of preparing for performances. Command of relevant upper positions, left-hand technique and advanced bowing skills required. Home practice, some written work and several evening performances are required, including major concerts and large group festivals and optional participation in the Solo Ensemble Festival. Individual study is encouraged. Repeatable unlimited times.

Guitar, Beginning .......................... 581000
Grade level 9–12. Two semesters.
Prerequisite: None.

Introductory course for students who do not read music or have limited experience with the guitar. Studies include note-reading in the first position, basic chords, basic music theory, strumming and fingerstyle pattern accompaniment and an introduction to solo repertoire. Performance skills will be developed and opportunities for a recital may be offered. Repeatable for credit.

Guitar, Intermediate ..................... 582000
Grade level 9–12. Two semesters.
Prerequisite: Beginning Guitar or Director’s approval.

A continuation of Beginning Guitar introducing note-reading in second position, chord studies including barre chords, music theory, major and minor scales, bass runs and fingerstyle patterns. Students will explore contemporary and classical literature and develop a basic solo repertoire. Performance skills will be stressed with opportunities for performance in semester recitals and optional participation in Solo Ensemble Festival. Repeatable for credit.

Not all courses in this catalog will be
Guitar, Advanced .......................... 583000
Grade level 9–12. Two semesters.
Prerequisite: Intermediate Guitar or Director’s approval.
A continuation of Intermediate Guitar introducing note-reading in the upper positions, music theory, scale studies and classical technique. Students will acquire a solo repertoire of contemporary and classical guitar pieces. Performance skills will be stressed with opportunities for performance in semester recitals, guitar ensemble and optional participation in Solo Ensemble Festival. Repeatable for credit.

Music Appreciation .......................... 571000
Grade level 9–12. One semester.
Prerequisite: None.
This music course is open to all students and is a study of the lives, experiences and cultural pursuits of people through music. Comprehensive studies will be done on composers and musical works. Also included in the course will be many listening activities of music from its beginning to the present.

Music Keyboard ................................ 571500
Grade level 9–12. One semester.
Prerequisite: None.
Beginning Keyboard teaches keyboard skills to those who have had limited or no previous experience with a keyboard instrument. Emphasis is placed on using the electronic keyboard as an accompaniment or as a simple melodic instrument. The class also includes chord symbols as well as theory as it applies to the instrument. May be taken 2 times.

Music Theory & Composition 1 .................. 572000
Grade level 9–12. One semester.
Prerequisite: None.
This class is for the serious music student who might be considering music as a major in college or the interested student wanting to learn more about fundamentals of music. The class will deal with the theory of music and apply these fundamentals to the composition of traditional music for instruments of definite and indefinite pitch. Standard forms and techniques based primarily on pre-19th Century writing will be utilized. Introduction to music technology, including computer and MIDI-assisted composition/transcription, may be explored.

Music Theory & Composition 2 .................. 572100
Grade level 9–12. One semester.
Prerequisite: Music Theory and Composition I or Director’s approval.
A sequel to Music Theory and Composition, with emphasis on compositional technique. An emphasis may also include advanced computer-assisted composition, transcribing and arranging. Student compositions may be arranged for small instrumental or vocal ensembles.

Advanced Placement Music Theory ........ 573000/573100
Grade level 11-12. Two semesters.
Prerequisite: Teacher recommendation (student must demonstrate thorough knowledge of music fundamentals, including advanced aural skills and sight singing abilities).
The goal of this course is to prepare each student to take the annual AP Music Theory Exam. The course is designed according to College Board AP guidelines. As described by the College Board, “The ultimate goal of an AP Music Theory course is to develop a student’s ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. The achievement of this goal may be best promoted by integrated approaches to the student’s development of: aural skills, sight-singing skills, written skills, compositional skills and analytical skills.”

Introduction to Percussion ................. 561500
Grade level 9–12.
Prerequisite: None.
This course is for students with limited or no previous experience in music. It is for students who wish to learn to play a percussion instrument for personal or group experience. Music fundamentals will be taught as students gain experience on pitched and non-pitched percussion instruments (snare drum, bells, bass drum, timpani and auxiliary percussion instruments). Limited public performances outside of class may be required. May be taken 2 times.

Advanced Percussion Ensemble ............ 561700/561800
Grade level 9–12. Two semesters.
Prerequisite: Audition or Director’s Approval.
This course is for students with previous percussion experience. Students will learn and perform music written for percussion ensemble while functioning as the percussion section for their school’s bands. Emphasis will be placed on proper playing technique for each percussion instrument, snare drum rudiments and rhythm and pitch reading skills. Performances outside of class are required. Repeatable unlimited times.

Solo and Small Ensembles .................... 566000
Grade level 9–12. One semester.
Prerequisite: Director’s approval.
A practical laboratory course best designed for students who can orient their own course of daily study toward a musical proficiency goal predetermined by them and their instructors. A recital may be given at the end of the course. Repeatable unlimited times.

Vocal Technique 1 .......................... 556000
Grade level 9–12. One semester.
Prerequisite: None.
Vocal Technique 1 offers individualized instruction in voice. The basic techniques of vocal production and simple art songs will be introduced. Emphasis on independent study and may include the preparation of a classroom recital with an invited audience. Individual material or music will be selected according to the ability of each student. Course develops “stage presence,” builds self-confidence and improves singing technique and ability.

Vocal Technique 2 .......................... 556100
Grade level 9–12. One semester.
Prerequisite: Vocal Technique 1 and/or Director’s approval.
A continuation of Vocal Technique 1 with increased emphasis on advanced vocal literature and performance.
The purpose of this course is to introduce students to the basic skills and knowledge associated with badminton. By applying these principles through active participation, students develop the necessary skills and knowledge to pursue badminton as a lifetime activity. In addition, this course provides students with opportunities to improve physical fitness, acquire knowledge of fitness concepts and practice positive personal and social skills. Students will gain an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Repeatable unlimited times.

**Basketball** ............................................. 630900
Grade level 9–12. Quarter/Semester.
Prerequisite: None.-Team activity.

The purpose of this course is to introduce students to the basic skills and knowledge associated with basketball. By applying these principles through active participation, students develop the necessary skills and knowledge to play basketball. In addition, this course provides students with opportunities to improve physical fitness, acquire knowledge of fitness concepts and practice positive personal and social skills. Students will gain an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Repeatable unlimited times.

**Bicycling** ................................................... 632000
Grade level 9–12. Quarter/Semester.
Prerequisite: None.  Lifetime Activity Course.

The course is designed to introduce students to the basic skills and knowledge associated with cycling. Also included will be bicycle safety and maintenance. The course provides students with opportunities to improve physical fitness, acquire knowledge of fitness concepts, practice positive personal and social skills and gain an understanding of how a wellness lifestyle affects one’s health, fitness and physical performance. In this course the student must provide both his/her own bicycle and helmet. Repeatable unlimited times.

**Body Composition Intervention** .......................... 675000
Grade level 9–12. Quarter/Semester.
Prerequisite: None.  Lifetime Activity Course.

The course is designed for students with a body composition that is 30+ for females and 25+ for males. The primary class activities will include a variety of health-related fitness activities such as yoga, Pilates and use of pedometers that are appropriate for the participants’ level of fitness. Course content will include laboratory sessions based on nutritional and fitness concepts, fitness assessment, motivation and self-esteem. In addition to setting and working toward personal fitness goals, students will have opportunities to practice positive social skills as they gain an understanding of how a wellness lifestyle affects the quality of life. Repeatable unlimited times.

**Cross-Training** ............................................ 676000
Grade level 9–12. Quarter/Semester.
Prerequisite: None.  Lifetime Activity Course.

This course is designed to introduce students to cross-training. Cross-training utilizes a variety of activities which involve varying muscles, intensity and impact on different days. Students will participate in at least two different aerobic activities and at least one strength training and/or muscular endurance activity weekly which utilizes body core stability. Students will acquire knowledge needed to develop a lifetime fitness plan, as well as an appreciation of how it feels to be physically fit. Repeatable unlimited times.

**Dance—Introductory** ................................. 665000
Grade level 9–12. Quarter/Semester.

Not all courses in this catalog will be
Prerequisite: None.  Lifetime Activity Course.

This course is designed as an introduction to movement, dance elements and the creative aspects of dance. Students explore various styles of dance through a unit approach and collaborate on a variety of student choreography projects. The development of muscular strength, flexibility, agility, balance, body alignment and an understanding of rhythm are approached through combined warm-up and dance technique segments. In addition, students study health-related fitness concepts and basic nutrition principles as they relate to dance. Repeatable unlimited times.

Dance—Intermediate .................................. 665200
Grade level 9–12. Quarter/Semester.
Prerequisite: Dance—Introductory.  Lifetime Activity Course.

Intermediate dance enhances the skills and concepts introduced in Introductory Dance. Students are challenged to improve their existing dance skills in various styles of dance including jazz, ballet, modern and improvisational dance. Warm-up exercises continue to promote muscular strength, flexibility, agility and balance while placing greater emphasis on correct body alignment and dance technique. Students often work with guest artists in addition to creating and performing their own choreography. Students continue their study of health-related fitness concepts and basic nutrition principles as they relate to dance. Repeatable unlimited times.

Dance—Multicultural ................................. 665300
Grade level 9–12. Quarter/Semester.
Prerequisite: None.  Lifetime Activity Course.

This course allows students to explore and share their cultural backgrounds as they are introduced to the traditional dances of many lands. The development of strength, flexibility, agility, balance, body alignment and an understanding of rhythm are approached through combined warm-up and dance technique segments. Community resource people and guest artists are utilized frequently to enhance understanding of the cultural significance of various dances. In addition, students study health-related fitness concepts and basic nutrition principles as they relate to dance. Repeatable unlimited times.

Dance—Contemporary Dance, Repertory ...... 665100
Grade level 9–12. Quarter/Semester.
Prerequisite: Audition or Instructor Approval.  Lifetime Activity Course.

This course is open to students who have mastered basic dance skills and have an interest in dance performance. Students will learn more difficult dance techniques and choreography with performance as a focus. In addition to experimenting with their own choreography, students will work with a variety of guest artists to create a performance repertory which includes various dance styles. The culmination of this course will be a full-length dance concert. Students will be involved in all phases of concert production. Numerous rehearsals and performances outside of class time are part of course work and are required. Repeatable unlimited times.

First Aid .................................................. 600700
Grade level 9–12. One semester.
Prerequisite: None.  Lifetime Activity Course. Not repeatable for students who received passing grade.

This course is designed to prepare students to assist themselves and others, in case of injury or sudden illness, when medical and hospital services are limited or delayed. Emphasis will also be placed on safety awareness in the home, school, community and on the streets and highways. The new Red Cross certification will be given to those students who complete the requirements of this course.

Flag Football .......................................... 636000
Grade level 9–12. Quarter/Semester.
Prerequisite: None.  Team activity.

The purpose of this course is to introduce students to the basic skills and knowledge associated with flag football. By applying these principles through active participation, students develop the necessary skills and knowledge to play flag football. In addition, this course provides students with opportunities to improve physical fitness, acquire knowledge of fitness concepts and practice positive personal and social skills. Students will gain an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Repeatable unlimited times.

Healthy Life Skills .................................... 605200
Grade level 10–12. One semester.
Prerequisite: None.  Lifetime Activity Course. Not repeatable for students who received passing grade.

This course is designed to help students develop healthy habits and positive behavior patterns. Students are provided with the knowledge of skills that lead to responsible decision making for a safe and healthy lifestyle. Topics covered includes nutrition, fitness, substance abuse, sexuality education and stress management.

Healthy Life Skills 9-12 ............................. 605300
Grade level 9-12. One semester.
Prerequisite: IEP.  Lifetime Activity Course.

Modified curriculum for Healthy Life Skills, as required by students’ IEP.

LS 1 Health 9-12 ......................................... 600230
Grade level 9-12. One semester.
Prerequisite: IEP.  Lifetime Activity Course.

Alternate curriculum for students enrolled in a Life Skills 1 class who are non-diploma track students on Alternate Assessment as required by their IEP. Repeatable unlimited times.

LS 2 Health 9-12 ......................................... 600231
Grade level 9-12. One semester.
Prerequisite: IEP.  Lifetime Activity Course.

Alternate curriculum for students enrolled in a Life Skills 2 class who are non-diploma track students on Alternate Assessment as required by their IEP. Repeatable unlimited times.

Individual Recreational Activities .................. 666600
Grade level 9–12. Quarter/Semester.
Prerequisite: None.  Lifetime Activity Course.

This course will offer students a variety of recreational activities in which they can participate on an individual basis and learn skills applicable for a lifetime. Activities may include, but are not limited to, in-line skating, cross-country skiing, snowshoeing,
frisbee, power walking, ice skating, jogging, orienteering and biking. Safety equipment as well as equipment appropriate for each activity will be required and must be furnished by each student. Repeatable unlimited times.

**Lifetime Personal Fitness** .................. 638000
Grade level 9–12. Semester. Required.
Prerequisite: None.
**Not repeatable for students who receive a passing grade.**

The purpose of this course is to promote the development and maintenance of personal fitness. It is conceptually based and focuses on healthy living and lifestyle choices, with particular emphasis on the role of exercise and physical activity including nontraditional and noncompetitive activities. Course content includes fitness assessment, regular physical activity, laboratory sessions based on fitness concepts and lectures based on the value and benefits of exercise in daily living. In addition to setting and working toward personal fitness goals, students have opportunities to practice positive social skills as they gain an understanding of how a wellness lifestyle affects the quality of life.

**Native Games** ............................... 665700
Grade level 9–12. Quarter/Semester.
Prerequisite: None. Lifetime Activity Course.

The purpose of this course is to promote the cultural tradition of Alaska Native Youth Olympic events as well as other Native games. In addition to participation in a variety of Native game activities, this course provides students with opportunities to improve physical fitness, acquire knowledge of fitness concepts and practice positive personal and social skills. Students will gain an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Repeatable unlimited times.

**9th Grade Physical Education** ............... 630800
Grade level 9. Quarter/Semester.
Prerequisite: None. Lifetime Activity Course.

This is a year-long course divided into four quarter classes. The courses will include a team activity, individual/dual activity, aquatics and weight training. The course descriptions for each class will be the same as listed for each individual course.

**Physical Education 9-12** ..................... 630500
Grade level 9–12. Semester.
Prerequisite: IEP. Lifetime Activity Course.

Modified curriculum for Physical Education, as required by students’ IEP. Repeatable unlimited times.

**LS 1 Physical Education 9-12** ............... 630530
Grade level 9–12. Semester.
Prerequisite: IEP. Lifetime Activity Course.

Alternate curriculum for students enrolled in a Life Skills 1 class who are non-diploma track students on Alternate Assessment as required by students’ IEP. Repeatable unlimited times.

**LS 2 Physical Education 9-12** ............... 630531
Grade level 9–12. Semester.
Prerequisite: IEP. Lifetime Activity Course.

Alternate curriculum for students enrolled in a Life Skills 2 class who are non-diploma track students on Alternate Assessment as required by students’ IEP. Repeatable unlimited times.

**Peer Tutor/Fitness Special Populations** .... 630700
Grade level 9–12. One Semester.
Prerequisite: Approval of APE specialist on site. Lifetime Activity Course.

This course is designed to provide students with an opportunity to acquire experience with persons with disabilities within the exercise arena. Students in this course will facilitate the inclusion of students with disabilities in physical education classes. This course will include an orientation and structure for peer tutoring.

**Pickle Ball** ................................. 631300
Grade level 9–12. Quarter/Semester.
Prerequisite: None. Lifetime Activity Course.

The purpose of this course is to introduce students to the basic skills and knowledge associated with playing pickleball. By applying these principles through active participation, students develop the necessary skills and knowledge to play pickleball as a lifetime activity. The course will provide students with the opportunity to improve their individual level of physical fitness, acquire knowledge of all fitness components and demonstrate an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Students will have the opportunity to practice positive personal and social skills. Repeatable unlimited times.

**Racquet Sports** .............................. 673400
Grade level 9–12. Quarter/Semester.
Prerequisite: None. Lifetime Activity Course.

The purpose of this course is to introduce students to the basic skills and knowledge associated with playing a variety of racquet sports such as tennis, badminton, table tennis, handball, pickleball, etc. The ultimate goal of this class is to provide the students with the knowledge and skills necessary for them to pursue playing racquet sports as a life-long activity. This course will provide students with opportunities to develop a satisfactory individual level of physical fitness, acquire knowledge of fitness concepts and demonstrate an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. This course will provide an environment for all students to practice positive personal and social skills. Repeatable unlimited times.

**Recreational Games** ....................... 666500
Grade level 9–12. Quarter/Semester.
Prerequisite: None. Team activity.

The purpose of this course is to offer a variety of activities to the student who enjoys the fun of games. The games will be recreational in nature. These activities may include: speedball, ultimate frisbee, floor hockey and non-contact lacrosse. Each activity will be a maximum of two weeks in length. In addition, this course will provide opportunities to improve physical fitness, acquire knowledge of fitness concepts, practice positive personal and social skills and gain an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Repeatable unlimited times.

**Rugby** ........................................ 637000
Grade level 9–12. Quarter/Semester.
Prerequisite: None. Team activity.

The purpose of this course is to introduce basic skills and
knowledge associated with playing rugby and to apply these skills through active participation. This class provides students with basic understanding and concepts for spectator appreciation as well as active play. This course will provide students the opportunity to improve physical fitness, acquire knowledge of fitness concepts, practice positive personal and social skills and understand the importance of fitness. Repeatable unlimited times.

Running, Cross-Country .......................... 634000
Grade level 9–12. Quarter/Semester.
Prerequisite: None. Team activity.

The purpose of this course is to introduce students to basic skills and knowledge associated with cross-country skiing. By applying these principles through active participation, students develop the necessary skills and knowledge to pursue cross-country skiing. By applying these principles through active participation, students develop the necessary skills and knowledge to play soccer. In addition, this course provides students with opportunities to improve physical fitness, acquire knowledge of fitness concepts and practice positive personal and social skills. Students will gain an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Repeatable unlimited times.

Softball ........................................ 641000
Grade level 9–12. Quarter/Semester.
Prerequisite: None. Team activity.

The purpose of this course is to introduce students to basic skills and knowledge associated with softball. By applying these principles through active participation, students develop the necessary skills and knowledge to play softball. In addition, this course provides students with opportunities to improve physical fitness, acquire knowledge of fitness concepts and practice positive personal and social skills. Students will gain an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Repeatable unlimited times.

Swimming, Aquatic Games .......................... 671400
Grade level 9–12. Quarter/Semester.
Prerequisite: None. Team activity.

The purpose of this course is to introduce students to basic skills and knowledge associated with aquatic games. These activities may include water polo, water basketball, water volleyball and other water games. The course will provide students the opportunity to increase their individual level of physical fitness, acquire knowledge of all fitness components and demonstrate an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Students will have the opportunity to practice positive personal and social skills. Repeatable unlimited times.

Team Handball ................................. 672500
Grade level 9–12. Quarter/Semester.
Prerequisite: None. Team activity.

The purpose of this course is to introduce students to basic skills and knowledge associated with team handball. Played on a basketball size court, the game combines basketball and soccer skills. In addition, this course provides students opportunities to improve physical fitness, acquire knowledge of all fitness concepts and practice positive personal and social skills. Students will gain an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Repeatable unlimited times.

offer at all schools at any one time.
Tennis .......................... 673500
Grade level 9–12. Quarter/Semester.
Prerequisite: None.  Lifetime Activity Course.

The purpose of this course is to introduce students to basic skills and knowledge associated with playing tennis. By applying these principles through active participation, students develop the necessary skills and knowledge to pursue playing tennis as a lifetime activity. The course will provide students the opportunity to increase their individual level of physical fitness, acquire knowledge of all fitness components and demonstrate an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Students will have the opportunity to practice positive personal and social skills. Repeatable unlimited times.

Tennis—Table .......................... 672000
Grade level 9–12. Quarter/Semester.
Prerequisite: None.  Lifetime Activity Course.

The purpose of this course is to introduce students to basic skills and knowledge associated with the game of table tennis. By applying these principles through active participation, students develop the necessary skills and knowledge to pursue the game of table tennis as a lifetime activity. The course will provide students the opportunity to increase their individual level of physical fitness, acquire knowledge of all fitness components and demonstrate an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Students will have the opportunity to practice positive personal and social skills. Repeatable unlimited times.

Transitions .......................... 605000
Grade level 9–12. Quarter/Semester.
Prerequisite: None.

This is an experientially-based, student-facilitated course designed for students transitioning to the school from another district, school, or state. The course offers important introductory information about the school, district, community and state that will aid in a successful transition. It will also offer training on skills instrumental in aiding students with future life transitions.

Volleyball .......................... 644000
Grade level 9–12. Quarter/Semester.
Prerequisite: None.  Team activity.

The purpose of this course is to introduce students to basic skills and knowledge associated with volleyball. By applying these principles through active participation, students develop the necessary skills and knowledge to play volleyball. In addition, this course provides students with opportunities to improve physical fitness, acquire knowledge of fitness concepts and practice positive personal and social skills. Students will gain an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Repeatable unlimited times.

Water Safety and Rescue .......................... 671300
Grade level 9–12. Quarter/Semester.
Prerequisite: Swim 440 yards continuously, using front, side and a back stroke.  Lifetime Activity Course.

The purpose of this course is to prepare students for a Red Cross lifeguarding certificate. Students will continue to improve the skills they possess in swimming. Water safety procedures and rescue skills will be covered. The course will provide students the opportunity to increase their individual level of physical fitness, acquire knowledge of all fitness components and demonstrate an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Students will have the opportunity to practice positive personal and social skills. Course dependent on availability of pool. Repeatable unlimited times.

Weight Training—Basic .......................... 645000
Grade level 9–12. Quarter/Semester.
Prerequisite: None.  Lifetime Activity Course.

The purpose of this course is to promote the development of muscular strength and endurance and to enjoy the benefits of regular physical activity. Students learn to identify the major muscle groups and how to increase the performance of each through weight lifting and how to stabilize the body core. The discussion and practice of weight lifting techniques and principles guides students toward the eventual implementation of a personal fitness program. The primary class activity involves regular conditioning exercises supported by lecture and discussion. Repeatable unlimited times.

Weight Training—Advanced .......................... 645100
Grade level 9–12. Quarter/Semester.
Prerequisite: Weight Training—Basic.  Lifetime Activity Course.

This course is designed to build on the concepts introduced in basic weight training. Students are challenged to improve their existing level of fitness. Students will design and implement a safe and effective personal strength program. Students continue their study of health-related fitness concepts and basic nutrition principles as they relate to weight training. Repeatable unlimited times.

Wilderness Recreation .......................... 674000
Grade level 9–12. Quarter/Semester.
Prerequisite: None.  Lifetime Activity Course.

The purpose of this course is to introduce students to basic skills and knowledge associated with orienteering, hiking, camping, rock climbing, biking, skating, snowshoeing, cross-country skiing, canoeing, water safety and/or survival. Through active participation, the student will have the necessary skills and knowledge to pursue a variety of lifetime outdoor recreational activities. The course will provide students the opportunity to increase their individual level of physical fitness, acquire knowledge of fitness concepts and demonstrate an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Students will have the opportunity to practice positive personal and social skills, as many of the activities involve cooperation and willingness to take physical challenges. Repeatable unlimited times.

Winter Sports .......................... 667400
Grade level 9–12. Quarter/Semester.
Prerequisite: None.  Lifetime Activity Course.

The purpose of this course is to introduce students to basic skills and knowledge associated with winter sports. These activities may include cross-country skiing, snowshoeing, ice hockey, ice skating, sledding, snowboarding and broomball. By applying these principles through active participation, the student will have...
the necessary skills and knowledge to pursue the activities as a lifetime activity. The course will provide students the opportunity to increase their individual level of physical fitness, acquire knowledge of all fitness components and demonstrate an understanding of how a wellness lifestyle affects one's health, fitness and physical performance. Students will have the opportunity to practice positive personal and social skills. Repeatable unlimited times.

**King Career Center academic credit**

**Health Occupations**.......................... 891000
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.
Prerequisite: Biology with a “C” or better recommended.
Alternative credits: 1/2 PE/Health–Lifetime Activity (1/2 credit maximum) and/or 1/2 Life Science (1 credit maximum) per semester.

Health Occupations is designed to familiarize students with the wide varied careers in the medical, dental, veterinary and mental health professions. Students will learn skills necessary for employment in entry level health care professions. Coursework includes instruction in anatomy and physiology, medical terminology, medical ethics and liability, OSHA blood borne pathogens standards, HIPAA regulations, CPR and first aid certification, medical office procedures and medical laboratory skills.

Second semester students will expand their understanding of human anatomy and medical terminology. Students will then learn medical assisting skills specific to patient examination, diagnostic procedures, specimen collection, laboratory procedures, infection control, medical asepsis and the extensive clerical duties of the medical office.

**Job entry opportunities:**

Physician's office, hospitals, extended care facilities, home health care, dental clinic, veterinary clinic, first care clinics

**SCIENCE**

**Applied Technology 1**....................... 857700
Grade level 9–12. One semester.
Prerequisite: None. Physical Science

In this course, students will be introduced to the systematic study of the creation, utilization and adaptation of tools, machines and materials. Students will be taught a four step problem solving method that emphasizes input, process, output and feedback. They will explore a technology of their choice using the problem-solving methods taught in the earlier segments of the class. Students are encouraged to work in small groups of no more than three, which will promote cooperative learning and interpersonal skills. Working in groups also allows students to experience situations typical in the world of business and industry. This atmosphere of research, testing and exploration bring together the math and science principles in an applied, interdisciplinary format. Applied Technology 1 is a “career guidance” exploratory class. Possible pathways include automotive, electronics, engineering, photography, construction, radio and TV, natural resources, small gas engines and other trades and technology careers. This course can fulfill one semester of science or one semester of elective credit.

**Applied Technology 2**....................... 857800
Grade level 9–12. One semester. Physical Science
Prerequisite: None.

In this course, students will explore technology using Standards For Technological Literacy (Executive Summary), published by the ITEA as a curriculum framework Major themes are the nature of technology, technology and society, design, abilities for a technological world and the designed world. Topics within the designed world are medical, agricultural, biotechnical, energy and power, information and communication, transportation, manufacturing and construction. Students are required to choose four topics for research and are encouraged to work in small groups for research, cooperative learning activities and presentations typical in the world of business and industry. Students will use appropriate skills and knowledge learned in Applied Technology 1 as they apply the design process in these four areas. This atmosphere of research, testing and exploration bring together the math and science principles in an applied, interdisciplinary format. Applied Technology 2 is a “career guidance” exploratory class. Possible pathways include automotive, electronics, engineering, photography, construction, radio and TV, natural resources, small gas engines and other trades and technology careers. This course can fulfill one semester of science or one semester of elective credit.

**Astronomy**.................................... 262000
Grade level 10–12. One semester.
Prerequisite: None. Physical science.

This course is designed to further the student's understanding of the earth-space relationship. Emphasis will be towards the development of astronomical concepts such as planetary motion, structure of galaxies and various theories of the formation of the universe. Course includes the use of various astronomical instruments.

**Astronomy: Solar System**.................. 262100
Grade level 9–12. One semester.
Prerequisite: None. Physical science.

Students investigate the development of astronomy from the ideas of the ancients to the modern technological exploration of our solar system. The course focuses on the origin, dynamics and physical characteristics of members of the solar system (sun, planets, satellites, meteoroids, asteroids and comets). Through a study of planetary geology, students will gain an appreciation for the interdisciplinary nature of astronomy. Class activities will include planetarium observations, as well as laboratory experiences based on data provided by NASA, Harvard Smithsonian Micro-Observatory and other astronomy-based facilities.

**Astronomy: Universe**...................... 262200
Grade level 9–12. One semester.
Prerequisite: None. Physical science.

Students investigate astronomy from the stellar and galactic view. They begin with the physical properties of stars and stellar evolution (how an astronomer infers a star's origin and eventual demise.) They progress to studies of galaxies, using the Milky Way as the standard for comparison. The universe on a grand scale then becomes the topic for analysis for discussions on clusters of galaxies and cosmology (the origin and evolution of the universe).
The planetarium, Micro-Observatory Net and Mt. Wilson 24” Schmidt will aid laboratory studies, as well as information from many other NASA sights including the Hubble Telescope.

**Aviation Science 1, 2** 839000/839100

*Grade level 10–12. Two semesters.*

**Prerequisite:** None. Physical science.

This course recommended for persons interested in light plane aviation and in passing the FAA ground school test for a private pilot’s license. The principles of flight, aircraft preflight, meteorology, navigation, weight and balance, power plants, communication, federal aviation air regulations and survival flight planning will be covered. Special emphasis is placed on flying light aircraft in Alaska. This course will fulfill a physical science or elective credit.

**Biological Sciences** 221000

*Grade level 10–12. One semester.*

**Prerequisite:** None. Life science.

This is a very basic course in biology that will stress general biological principles such as the interrelationships of the biotic to the abiotic world, the place of the human race in the ecological scheme of life and a basic taxonomic survey of living things. There will also be some coverage of basic genetics. This course will be laboratory oriented. Biological Survey cannot be taken after successfully completing one or two semesters of Biology I.

**Biology I** 223200/223300

*Grade level 9–12. Two semesters.*

**Prerequisite:** Grade 10-12: none. Grade 9: 3.5 GPA in 8th grade core subjects, Algebra I and teacher recommendation. Life science.

The basic biology course and prerequisite for all biology electives. This course will include a study of the chemical basis of life such as the cellular processes of respiration, photosynthesis, diffusion and osmosis. Cell division, DNA and enzyme action will also be covered. The course also includes an extensive treatment of introductory botany, zoology, ecology and genetics.

**Biology II** 224200/224300

*Grade level 11–12. Two semesters.*

**Prerequisite:** Biology I and Chemistry I. Life science.

This course continues the topics introduced in first year biology. Special emphasis is placed on anatomy and physiology, genetics, evolution and ecology. The human’s biological evolution and impact on other biological systems is examined. Course is structured so the student has more time for independent study using classroom, library and community facilities.

**Advanced Placement Biology** 224400/224500

*Grade level 11–12. Two semesters.*

**Prerequisite:** Biology I and Chemistry I. Life science.

The AP Biology course is designed to be the equivalent of a college introductory biology course. Topics include molecules and cells, genetics and evolution and organisms and populations.

**Biology, Alaska** 222000

*Grade level 10–12. One semester.*

**Prerequisite:** Biology I. Not open to students with credit in Natural Science of Alaska. Life science.

Course will consist of an examination of plants and animals found throughout Alaska. Field work will be required as well as the study of materials from state and federal agencies. Topics considered will include habitat, behavior, game management, the general classification of common plants and animals and their food value to humans.

**Marine Science: Biology** 230500

*Grade level 10–12. One semester.*

**Prerequisite:** Biology I. Life science.

Study of marine life found on shores, in bays, estuaries, intertidal zones and in ocean depths. The commercial and environmental importance of various forms of marine life will also be examined.

**Marine Science: Oceanography** 230600

*Grade level 10–12. One semester.*

**Prerequisite:** Biology I. Physical science.

Students in the course will study the physical aspects and interactions with the atmosphere-ocean interface including geology, chemistry, physics, meteorology and pollution of oceans. Included will be the study of the effects of geology, geochemistry, geography and physical forces on marine organisms.

**Micro Biology** 232000

*Grade level 10–12. One semester.*

**Prerequisite:** Biology I. Life science.

Course deals with the techniques of growing and identifying micro-organisms and general microbiotechnique. Beneficial and harmless organisms will be grown and discussed. Bacterial counts and studies will be done of many areas in the school and community.

**Botany** 227000

*Grade level 10–12. One semester.*

**Prerequisite:** Biology I. Life science.

Botany is a one semester course exploring the relationships, classification and development of plants from algae to the flowering plants. Included will be study of the structure and function of roots, stems, leaves and plant life cycles. The basic functions of hormones and their relation to plant growth are included. Students will grow their own plants and also receive an introduction to the field of horticulture.

**Conceptual Chemistry** 241100/241200

*Grade level 10–12. Two semesters.*

**Prerequisite:** None. Physical science.

Provides an opportunity for the student interested in areas other than science to study the basic concepts in chemistry as they relate to home and life. Chemical concepts will be used to explain many of the processes we observe in our daily lives. While examining these concepts, the student will develop skills in the laboratory and in problem solving.

**Chemistry I** 242100/242200

*Grade level 10–12. Two semesters.*

**Prerequisite:** Algebra I. Physical science.

A beginning course that will include a study of the following concepts: atomic structure, mole concept, chemical periodicity, writing formulas and equations, nomenclature of compounds, chemical bonding, use of symbols, valence, physical and chemical

Not all courses in this catalog will be
properties, elements, mixtures and compounds, kinetic molecular theory of solids, liquid and gases.

The second semester will include the additional major concepts: oxidation, reduction, reaction rates, chemical equilibrium, acids, bases, pH, ionization, stoichiometry, heat of reactions, gas laws, molar concentrations, solutions and solubilities.

Laboratory skills will include: measure mass and volumes, measure temperature, measure melting point and boiling point, filtering and decanting, graphing, interpretation of data, observation, description, recording, measuring pH, titration, pressure of gases, calorimetry and preparation of solutions.

**Chemistry II** ........................................... 243200/243300
Grade level 11–12. Two semesters.
Prerequisite: Chemistry I. Physical science.

Particularly useful for those students interested in science. This course will prove especially helpful for those students whose collegiate interests lie in chemistry, biology, molecular biology, medicine or related fields.

A two-semester program enhancing topics covered in the first course. Areas of emphasis include chemical bonding, molecular geometry, kinetic-molecular theory, phase diagrams, changes of state, acid-base theories, oxidation-reduction and stoichiometry, equilibrium, reaction kinetics and introduction to organic chemistry which will include basic nomenclature and synthesis.

**Advanced Placement Chemistry** .................. 243400/243500
Grade level 11–12. Two semesters.
Prerequisite: Chemistry I, Algebra II. Physical science.

This is a college level chemistry course which deals with advanced concepts in chemistry. Laboratory work and chemical problem-solving make up an integral part of the course. Topics covered in AP Chemistry will enhance those covered in Chemistry II with increased laboratory experiences and college level student expectations.

**Earth Sciences** ........................................ 261000
Grade level 10–12. One semester.
Prerequisite: None. Physical science.

A survey of the various branches of sciences concerning the earth. The student has the opportunity to explore a wide variety of topics such as oceanography, historical geology, rock and mineral identification, astronomy, physical geology, meteorology, composition and formation of the formations of the early and various geological processes of change. This course is not open to students who have successfully completed Geology I.

**Ecology** ............................................... 228000
Grade level 10–12. One semester.
Prerequisite: Biology I. Life science.

A study of the interrelationships of the living and nonliving environment. Topics will include habitat, population dynamics, food webs, random sampling techniques, geochemical cycling and limiting factors. The human effect on the ecosystem will also be discussed and emphasized. Ecosystems and biomes of Alaska will be stressed.

**Environmental Science** ............................... 228500
Grade level 10–12. One semester.
Prerequisite: None. Life or physical science.

Students in this course will study how pollution from man affects the air, water, land and oceans, using all fields of sciences to help students form educated opinions and solutions based on evidence about present and future environmental problems facing society. This is a lab-based course that will rely heavily on field work to gather data.

**Food Science** ......................................... 832700
Grade level 10–12. One semester.
Prerequisite: One year of high school science. Life or physical science.

This course presents the science of food and its implications on humans and their well-being. Its approach is that of a science laboratory, using scientific methodology for understanding food's impact on the human body. This is a laboratory course which uses experimental methods with tools for hands-on learning. This course will fulfill a science or elective credit.

**Forensic Science I** .................................... 256000
Grade level 10–12. One semester.
Prerequisite: Biology I required, Chemistry I recommended. Life or physical science.

This course focuses various aspects of forensic science and modern criminal investigation analysis. It integrates biology, geology, physics, chemistry, anatomy, medical sciences and critical thinking skills. Topics include structures and functions of the human body, processing a crime scene, physical evidence, questioned documents, serology and pathology. In addition, the course may cover selected topics in toxicology, drug and alcohol abuse, odontology, entomology, forensic art, terrorist and disaster response and emergency medical procedures. Laboratory work and projects will be an integral part of this course.

**Forensic Science II** .................................... 257000
Grade level 10–12. One semester.
Prerequisite: Biology I required, Chemistry I recommended. Life or physical science.

This course follows Forensic Science I. It focuses on various aspects of forensic science and modern criminal investigation analysis. It integrates biology, geology, physics, chemistry, anatomy, medical sciences and critical thinking skills. Topics include DNA analysis, textiles, trace evidence, firearms, tool marks and arson investigation. In addition, the course may cover selected topics in toxicology, drug and alcohol abuse, odontology, entomology, forensic art, terrorist and disaster response and emergency medical procedures. Laboratory work and projects will be an integral part of this course.

**Genetics** .............................................. 229000
Grade level 10–12. One semester.
Prerequisite: Biology I. Life science.

A basic study of heredity among living organisms. Topics also will include adaptations to the environment and the process of natural selection and evolution. Special emphasis will be placed on human genetic factors and fruit fly genetics.

**Geology I** .............................................. 264100/264200
Grade level 9–12. Two semesters.
Prerequisite: Grade 10-12: none. Grade 9: 3.5 GPA in 8th grade
core subjects, Algebra I and teacher recommendation. Physical science.

This course deals with the formation and evolution of the earth’s surface features as revealed by rocks and fossils and of applications of geology to general interest topics and specific Alaskan problems. Areas of concentration will be on ancient plants, animals, as well as evolution and the development of crustal features. Special emphasis will be placed on the Anchorage and Alaskan areas. Geologic time, fossils and rock dating will be applied to the interpretation of earth structures, petroleum exploration and mineral economics.

Geology II .............................. 265600/265700
Grade level 10–12. Two semesters.
Prerequisite: Geology I. Physical science.

A two-semester course of advanced work in physical and historical geology with lab and field work. Special work in the fields of mining, oil and Alaskan geology.

Human Anatomy/Physiology .............. 230000/230100
Grade level 10–12. Two semesters.
Prerequisite: Biology I required, Chemistry I recommended. Life science.

The study of the structure and function of the various portions of the human anatomy. This course is recommended for those students interested in medical/health-related careers.

Integrated Sciences 9 ................. 201600/201700
Grade level 9. Two semesters.
Prerequisite: None. 1st semester: Physical science. 2nd semester: Life science.

This is an integrated, thematic program that teaches natural sciences through which common principles operate in relationship to one another. Students explore areas of life science, chemistry, physics, earth and space science as well as integrating technology. Emphasis is placed on scientific thought and reasoning coordinated with inquiry-based laboratory experience.

Integrated Sciences 9-12 ............... 200500/200600
Grade level 9-12. Two semesters.
Prerequisite: IEP. 1st semester: Physical science. 2nd semester: Life science.

Modified curriculum for Integrated Science, as required by student's IEP.

Life Science 9-12 .................... 200700/200800
Grade level 9-12. Two semesters.
Prerequisite: IEP. Life science.

Modified curriculum for Life Science, as required by student's IEP.

LS 1 Science 9-12 .................. 201130
Grade level 9-12. Two semesters.
Prerequisite: IEP. Alternate curriculum for students enrolled in a Life Skills 1 class who are non-diploma track students on Alternate Assessment as required by their IEP. This course is repeatable.

LS 2 Science 9-12 .................. 201131
Grade level 9-12. Two semesters.
Prerequisite: IEP. Life science.

Not all courses in this catalog will be
A field course requiring winter and spring outdoor clothing, that is a survey of the science, technology, terminology, skills, safety procedures and career implications of natural resources. This course would cover forestry, recreation, wildlife, fisheries management, environmental testing, fire use and fighting and natural resources technology.

Natural Science of Alaska .......................... 233000
Grade level 10–12. One semester.
Prerequisite: None. Not open to students with credit in Biology, Alaska. Life or physical science.

A one semester study of geography, major land forms, weather and plants and animals of Alaska.

Physical Sciences ............................... 261500
Grade level 10–12. One semester.
Prerequisite: None. Physical science.

This is a very basic course in physical science that will stress the general principles of chemistry and physics. The basic physics section will include emphasis in simple machines, basic electricity and the various forms of energy. The chemistry section will cover matter, mixtures and compounds. The student will be presented with the practical side of physical science that emphasizes the everyday uses of physics and chemistry.

Physical Science 9-12 ..................... 200900/201000
Grade level 10-12. Two semesters.
Prerequisite: IEP. Life science.

Modified curriculum for Physical Science, as required by student’s IEP.

Conceptual Physics ......................... 251100/251200
Grade level 10–12. Two semesters.
Prerequisite: None. Physical science.

Basic content shall consist of a brief synopsis of classical areas of physics, i.e., heat, motion, magnetism, mechanics, optics and electricity. The approach to the above content areas of physics shall be that of an everyday practical application. Areas of study shall also include an examination of current energy and environmental problems from a physical science point of view.

Physics ................................. 252100/252200
Grade level 10–12. Two semesters.
Prerequisite: Algebra I. Physical science.

Designed to give the student an appreciation and understanding of the physical laws of the universe. It is a study of the basic force of nature. Topics include gravity, electricity, magnetism and atomic and nuclear forces.

Advanced Placement Physics B ............ 252600/252700
Grade level 11–12. Two semesters.
Prerequisite: Algebra II. Physical science.

The AP Physics B course is designed to be the equivalent of a college introductory physics course. Topics include Newtonian mechanics, kinetic theory and thermodynamics, electricity and magnetism, waves and optics and modern physics.

Advanced Placement Physics C ............ 252800/252900
Grade level 11–12. Two semesters.
Prerequisite: Physics, completed or currently enrolled in Calculus.

offered at all schools at any one time.

Physical science.

This course is designed to be the equivalent of the first part of the college sequence that serves as the foundation in physics for students majoring in the physical sciences or engineering. Methods of calculus are used wherever appropriate in formulating physical principles and applying them to physical problems. The sequence is more intensive and analytic than that in the B course. The subject matter is mechanics and electricity and magnetism with approximately equal emphasis on these two areas.

Principles of Technology 1, 2, 3, 4 .......................... 857100/857200
Grade level 11–12.

Prerequisite: Algebra I. Physical science.

This two-year course addresses 14 basic principles that underlie today’s technology. Those principles are: force, work, rate, resistance, energy, power transformers, momentum, time constants, waves and vibrations, converters, radiation, transducers and optical systems. Each of the principles will be addressed in detail and in relationship to each other. A large part of the course will be spent in practical application. Physics will be explored in relation to these principles. This course can fulfill a science or elective credit.

King Career Center academic credit

Aviation Maintenance Technology ............. 840100
Grade Level 11-12. One semester.
May be taken 4 times with a grade of “C” or better to advance.
Alternative credits: 1/2 Physical Science/semester (1 credit maximum)

This is a 4-semester program taught at the University of Alaska Aviation Complex at Merrill Field. Different subject matter is covered each semester.

AMT students learn repair and maintenance of aircraft in four subject areas: welding, fabric and finishing, sheet metal and engine theory. Additionally, students will learn about aircraft hardware and lock wire as well as basic aerodynamics or how aircraft fly.

Students must purchase leather gloves for welding class. All other supplied safety equipment use is mandatory. Students can earn college credits.

Job entry opportunities:

Entry level line attendant, baggage handler, mechanics helper

Aviation Technology .............................. 840600
Grade Level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.
Alternative credits: 1/2 Physical Science/semester (1 credit maximum)

This 2-semester program is taught at a satellite location, utilizing the University of Alaska Aviation Complex at Merrill Field. Different subject matter is covered each semester and students will earn science and elective credit. UAA college credit is also available.

Aviation Technology introduces students to numerous careers available in the air transportation industry. First semester students will focus on many of the knowledge areas required by the FAA Private Pilot Written Exam, to include aerodynamics, aircraft
systems, weather reports, navigation and the FARs. Students will demonstrate acquired flight skills in a state of the art flight simulator. Second semester students will learn the importance of good communication and teamwork required by Air Traffic Control. They will learn airspace, weather and equipment requirements and will experience an advanced air traffic control tower simulator. Students will also learn about lighting, signage and markings required for various types of airports and will be introduced to the demands of funding, designing, constructing and maintaining an airport. All knowledge areas will encompass the requirements of the FAA written exam. There is some overlap of information between semesters.

Students will develop a scholarship folder, prepare a résumé and learn job skills as they visit a variety of aviation-related job sites. Second semester students may be eligible to participate in job-shadowing. Community service will be strongly encouraged.

**Job entry opportunities:**
- Entry level positions/cargo operations, entry level position/ fixed based operations (fbo), line/ramp personnel, customer service/front desk personnel

**Computer Electronics Technology ............... 824500**
Grade level 11-12. One semester.
May be taken 4 times with a grade of “C” or better to advance.
Prerequisite: Algebra with a grade of “C” or better.
Alternative credits: 1∕2 Math (1 credit maximum) and/or 1∕2 Science (1 credit maximum) per semester.

This course integrates extensive hands-on activities with math and interactive computer programs to emphasize basic electronics theory and application. Each semester the subject matter is different and cumulative and can be used for science, math and elective credit. Students can earn college credits.

1st semester: Personnel skills to include careers, business ethics and dealing with customers. Basic D.C. electricity which includes safety, soldering, schematics, series and parallel circuits, tools, components, cabling and test equipment. Also includes computer basics, building and troubleshooting.

2nd semester: Complex D.C. circuits, digital electronics, introduction to A.C., home theater and sound systems, robot building and introduction to computer networking.

3rd semester: Advanced A.C., wireless communication, advanced audio and video systems and advanced computer troubleshooting.

4th semester: Usually OJT and/or special advanced projects.

**Job entry opportunities:**
- Cable/satellite TV installer, computer sales, personal computer setup and repair, network troubleshooting, electrical apprenticeship

**Culinary Arts ........................................ 831100**
Grade level 11-12. One semester.
May be taken 3 times with a grade of “C” or better to advance
Alternative credits: 1∕2 Physical Science/semester (1 credit maximum)

This program is designed to introduce students to the skills necessary for success in a career in the art of preparing fine cuisine. Cooking instruction includes American regional, European and Asian cuisines. Students are expected to prepare and serve lunch daily in the KCC cafeteria. Students can earn college credits.

Baking instruction includes basic, advanced and classical pastry. Production includes scratch rolls, pastry and desserts.

The use and care of state-of-the-art tools and equipment are part of the curriculum. Qualified students will be eligible for on-the-job training. Second semester students are sous chefs for their respective stations and, as part of a team, are required to plan, organize and cook foods from specific world and American regions. Third semester students are sous chefs responsible for all production and must present American region dishes solo.

Students must purchase their own cook’s hats from the KCC financial data control clerk.

**Job entry opportunities:**
- Cook; baker; camp/lodge cook; caterer; food server; host/hostess

**Emergency Medical Technology ................. 895000**
Grade level 11-12. One semester.
Alternative credits: 1∕2 Life Science maximum

Emergency Medical Technology (EMT) students learn to work as part of a professional pre-hospital medical team. This is a state health department approved course in which qualifying students can test for EMT-1 certification following the course. Students also have the option of receiving college credits through the University of Alaska Anchorage by successfully completing the program and paying the required UAA fees. Students in this program are evaluated on the basis of written test scores, mastery of skills, professionalism and participation in internship opportunities. The internship component involves participation in 22 hours of activities related to emergency services outside of class. Internship opportunities are coordinated through the instructor and can be scheduled to fit students’ schedules. These experiences are critical because of the difficulty to demonstrate real-life situations in the classroom and emergency service careers all involve public service.

**Job entry opportunities:**
- Professional ski patrol, EMT private ambulance service, EMT volunteer fire department, emergency room technician

**Health Occupations ............................ 891000**
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance
Prerequisite: Biology with a “C” or better is recommended
Alternative credits: 1∕2 PE/Health–Lifetime Activity (1∕2 credit maximum) and/or 1∕2 Life Science (1 credit maximum) per semester

Health Occupations is designed to familiarize students with the wide varied careers in the medical, dental, veterinary and mental health professions. Students will learn skills necessary for employment in entry level health care professions. Coursework includes instruction in anatomy and physiology, medical terminology, medical ethics and liability, OSHA blood borne pathogen standards, HIPAA regulations, CPR and first aid certification, medical office procedures and medical laboratory skills.

Second semester students will expand their understanding of

Not all courses in this catalog will be
human anatomy and medical terminology. Students will then learn medical assisting skills specific to patient examination, diagnostic procedures, specimen collection, laboratory procedures, infection control, medical asepsis and the extensive clerical duties of the medical office.

Job entry opportunities:
Physician's office, hospitals, extended care facilities, home health care, dental clinic, veterinary clinic, first care clinics

Horticulture & Landscape Design ....................... 897500
Grade Level 11-12. 1 semester.
May be taken 2 times with a grade of “C” or better to advance
Alternative credits: 1/2 Life Science/semester (1 credit maximum)

Horticulture provides training in the fields of landscaping, floriculture, turf, garden center, nursery and greenhouse operations, tree service work and athletic field maintenance. Also included is plant identification, physiology, propagation and computerized landscape design. Students will also be responsible for operating and maintaining a commercial greenhouse located on school grounds.

First semester students will explore various fields within horticulture, study and explore plant physiology, landscape design principles and complete guided projects and experiments.

Second semester students will study plant physiology and reactions to greenhouse environments in-depth, horticulture fields of personal interest, complete independent projects and experiments as well as research cultural requirements of crops grown in the school greenhouse.

Students also visit local sites to gain knowledge in area educational and employment opportunities.

Job entry opportunities:
Retail floral shops, wholesale floral houses, landscaping, garden centers, lawn care operations, golf course grounds maintenance, tree service companies, amusement park grounds maintenance, greenhouse operations

Natural Resources Management ....................... 871000
Grade level 11-12. One semester.
Fall semester: Alaska Resources.
Fall Alternative credits: ½ Physical Science maximum and ½ social studies elective credit (can be earned concurrently). Not repeatable.
Spring Semester: Management of Alaska Resources.
Spring Alternative credits: ½ Physical Science maximum and ½ social studies elective credit (can be earned concurrently). Not repeatable.

NOTE: ½ Alaska Studies credit awarded in lieu of social studies elective credit at the completion of two concurrent semesters only (12 credit maximum).

Learn about and experience the beauty and mystery of Alaska while exploring careers that manage the natural resources of our state. Through classroom and outdoor skill building activities students will examine soil and water conservation, wildlife and fisheries management and forestry and recreation in both historical and contemporary contexts. This course examines the geography, history, political and economic forces that have shaped contemporary Alaska. Course content is organized around five themes of population, land, resources, governance and cultural landscape. The NRM program offers career pathways to Alaska resource development and conservation career fields by offering Tech Prep college credits toward degrees and opportunities for paid summer natural resource career internships. This course is an integration of social studies and physical science with career field exploration. ASD’s Alaska Studies curriculum is taught when fall and spring semesters are taken consecutively. This course includes a review of the history and the political and economic forces that determine contemporary Alaska resource development decisions and other issues confronting the state.

Job entry opportunities:
Landscaping, tree service companies, greenhouse operations, forestry aide, environmental specialist, environmental interpreter, guide assistant, campground and park aids

Rescue Technology ......................... 895500
Grade level 11-12. One semester.
Alternative credits: 1/2 Physical Science maximum

Rescue Technology OJT ....................... 895600
One semester. May be taken 2 times.

The goal of rescue is to locate and access injured or trapped victims, stabilize the emergency situation, and transport the patients to safety while managing any injuries and avoiding additional risk or injury to the patients, rescuers or the public. The goal of this course is to provide the skills and knowledge necessary to participate in a wide variety of rescue operations while insuring safety.

Types of rescues discussed will include water rescue, vehicle crashes, high-angle technical rescues, fire rescues, hazardous materials, rescues from confined spaced and collapsed structures, and rescues at large scale disaster scenes. Students will follow guidelines set forth by the International Fire Service Training Association, OSHA, FEMA, and the National Incident Management System (NIMS) while training.

Teamwork and professionalism are essential parts of this class, as they are at real-life rescue scenes. It is primarily a practical course that emphasized the importance of hand-on training and skills. The skills-based learning will be supplemented by lectures, discussions, and online coursework.

Students can receive three college credits through the University of Alaska Anchorage for Rescue Practices which can be applied towards a degree in Fire and Emergency Services. Successful completion of this course can also be applied toward admission to the Ironworkers Apprenticeship Program. Assistance in placement into jobs and/or advanced training programs is available through the class.

Job entry opportunities:
Security personnel, volunteer firefighter, emergency dispatcher

SOCIAL STUDIES

History 9-1: World History
(Circa 500 BC-500 AD) .................... 331500
Grade level 9. Required. One semester.
Prerequisite: None.

This course provides a study of world history with some
integration of U.S. history. Geography, economics, government, religion/philosophy, science/technology, sociology and the humanities will be used as the primary perspectives for studying the classical eras of non-western cultures. The study of the classical civilizations of Greece and Rome will act as a transition to History 9-2.

**History 9-2: World History (Circa 500 AD-1800)** ........... 331600
Grade level 9. Required. One semester.
Prerequisite: None.

This course continues the study of world history with some integration of U.S. history. Geography, economics, government, religion/philosophy, science/technology, sociology and the humanities will be used as the primary perspectives for studying Western civilization and the history leading to the emergence of nation states. The study of the age of democratic revolutions will serve as a transition to History 9-1.

**World History 9-12** ......................................... 301300/301400
Grade level 9-12. Two semesters, required.
Prerequisite: IEP.

Modified curriculum for World History, as required by student’s IEP.

**Honors History 9-1: World History**
(Circa 500 BC-500 AD) ........................................ 331530
Grade level 9. One semester.
Prerequisite: Social studies teacher recommendation required.

This course provides an in-depth study of world history with some integration of U.S. history. Extensive reading, writing, research and project development will be required on a daily basis outside of class to meet course expectations. Geography, economics, government, religion/philosophy, science/technology, sociology and the humanities will be used as the primary perspectives for studying the classical eras of non-western cultures. The study of the classical civilizations of Greece and Rome will act as a transition to Honors History 9-2.

**Honors History 9-2: World History**
(Circa 500 AD-1800) ........................................ 331630
Grade level 9. One semester.
Prerequisite: Social studies teacher recommendation required.

This course continues the in-depth study of world history with some integration of U.S. history. Extensive reading, writing, research and project development will be required on a daily basis outside of class to meet course expectations. Geography, economics, government, religion/philosophy, science/technology, sociology and the humanities will be used as the primary perspectives for studying Western civilization and the history leading to the emergence of nation states. The study of the age of democratic revolutions will serve as a transition to Honors History 9-1.

**History 10-1: U.S. History (Circa 1763-1900)** ........... 331700
Grade level 10. Required. One semester.
Prerequisite: None.

This course provides the study of United States history with some integration of world history. Geography, economics, government, religion/philosophy, science/technology, sociology and the humanities will be used as the primary perspectives for examining changing world dynamics with the growth of the United States as a world power. The study of the United States as a developing player on the world stage will act as transition to History 10-2.

**History 10-2: U.S. History (20th Century)** ........... 331800
Grade level 10. Required. One semester.
Prerequisite: None.

This course continues the study of United States history with some integration of world history. Geography, economics, government, religion/philosophy, science/technology and sociology are again used as the primary perspectives for focusing on the United States as a superpower within the context of a global perspective in the 20th century.

**U.S. History 9-12** ........................................ 301500/301600
Grade level 9-12. Two semesters, required.
Prerequisite: IEP.

Modified curriculum for U.S. History, as required by student’s IEP.

**Honors History 10-1: U.S. History**
(Circa 1763-1900) ........................................ 331730
Grade level 10. One semester.
Prerequisite: Social studies teacher recommendation required.

This course provides an in-depth United States history with some integration of world history. Extensive reading, writing, research and project development will be required on a daily basis outside of class to meet course expectations. Geography, economics, government, religion/philosophy, science/technology, sociology and the humanities will be used as the primary perspectives for examining changing world dynamics with the growth of the United States as a world power. The study of the United States as a developing player on the world stage will act as transition to Honors History 10-2.

**Honors History 10-2: U.S. History**
(20th Century) ........................................ 331830
Grade level 10. One semester.
Prerequisite: Social studies teacher recommendation required.

This course continues the in-depth study of United States history with some integration of world history. Extensive reading, writing, research and project development will be required on a daily basis outside of class to meet course expectations. Geography, economics, government, religion/philosophy, science/technology and sociology are used as the primary perspectives for focusing on the United States as a superpower within the context of a global perspective in the 20th century.

**Economics** ........................................ 308000
Grade level 11-12. One semester.
Prerequisite: None.

This course is designed to teach students economics concepts and principles and to introduce them to important economic institutions. Students will learn to apply economic reasoning to their lives as citizens, consumers, workers and producers.

**Business Economics** .................................... 308100
Grade level 11-12. One semester.
Prerequisite: None.
Business Economics is a one-semester course in which students relate economic concepts and business principles to real-life situations. The class operates a student company and may take part in computer-based simulations in which students operate companies in a high-tech industry and apply economic policies to decision making for the company’s benefit.

**Consumer Economics** 308200
Grade level 11-12. One semester.  
Prerequisite: None.  
The course is designed to teach students basic economic concepts and how to apply those concepts to their everyday lives in their roles as workers, producers, consumers, savers, investors and citizens. The course provides an overview of micro and macroeconomics and an examination of the international scene.

**Consumer Economics 9-12** 301800  
Grade level 9-12. One semester.  
Prerequisite: None.  
Modified curriculum for Consumer Economics, as required by student’s IEP.

**Advanced Placement Economics; Micro and Macro** 308300/308400  
Grade level 11-12. Two semesters.  
Prerequisite: None  
One full year meets both the economics and social studies elective requirement.  
This is a college-level course divided into two sections and it is designed to prepare students for the Advanced Placement test. The first section, microeconomics, provides students with a thorough understanding of the principles of economics that apply to the functions of individual decision makers - consumers and producers. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government.  
Macroeconomics is the second section of the course and provides students with a thorough understanding of the principles of economics that apply to an economic system as a whole. It places emphasis on the study of national income and price determination and also develops familiarity with economic performance measures, economic growth and international economics.

**Alaska Studies** 311000  
Grade level 11-12. One semester, required.  
Prerequisite: None.  
Alaska Studies is an in-depth exploration of the rich geographic and cultural background of the state and its people from the early native peoples to the Russian era through statehood to the present. This course includes examination of the geography, history and the political and economic forces that have shaped contemporary Alaska. Content is organized around five themes of population, land, resource, governance and cultural landscape. The course seeks to ensure that students have a strong foundation in the historic and cultural contexts of issues facing the state so they will develop a broad sense of community and strengthen skills that will encourage thoughtful consideration of issues and choices facing Alaska.

**Alaska Studies 9-12** 311100  
Grade level 9-12. One semester, required.  
Prerequisite: None.  
Modified curriculum for Alaska Studies, as required by student’s IEP.

**United States Government** 307500  
Grade level 12. One semester, required.  
Prerequisite: None.  
This course is founded on the belief that to become an informed and active citizen, an understanding of government is essential. This course will feature both the structure of government and the function of politics. It will include both theory and practical application of the following: 1) foundations of United States government, 2) institutions and policy making, 3) principles of the United States constitution, 4) roles and responsibilities of the citizen, and 5) political behavior.

**United States Government 9-12** 301900  
Grade level 9-12. One semester, required.  
Prerequisite: IEP.  
Modified curriculum for United States Government, as required by student’s IEP.

**Advanced Placement United States Government** 306200  
Grade Level 12. One semester.  
Prerequisite: None.  
Students taking both AP U.S. Government and AP Comparative Government and Politics meet both the U.S. Gov’t and the one semester social studies elective graduation requirements. Taking one semester of AP U.S. Government meets the government requirement.  
This course is designed for the student who is capable of doing lower division college work. The AP American Government and Politics class will address the following topics: 1) constitutional underpinnings of United States government, 2) political beliefs and behaviors, 3) political parties and interest groups, 4) the three branches of national government, 5) public policy making and 6) civil liberties and civil rights. This course will prepare students for the advanced placement test in United States Government and Politics and will fulfill the requirement for United States Government.

**Advanced Placement Comparative Government and Politics** 306300  
Grade level 12. One semester.  
Prerequisite: None.  
Students taking both AP U.S. Government and AP Comparative Government and Politics meet both the U.S. Gov’t and the one semester social studies elective graduation requirements. Taking one semester of AP Comparative Government and Politics meets the social studies elective requirement.  
This course is designed for the student who is capable of doing lower division college work. The course provides intensive study of the different political and economic systems of the following countries: United Kingdom, France, Russia, China and Mexico, India or Nigeria. This course will prepare students for the advanced placement test in AP Comparative Government and Politics.
Advanced Placement
European History .......................... 344100/344200
Grade level 11–12. Two semesters.
Prerequisite: None.
One full year meets the one semester social studies elective requirement and earns an additional one semester towards the “electives” graduation requirement.

This course offers students an opportunity for a challenging, in-depth examination of the course of European cultural development from the middle ages to contemporary times. Students will be prepared for the advanced placement test and will 1) develop an understanding of some of the principle themes in Modern European History, 2) learn to read historical material analytically and critically, 3) weigh historical evidence and interpretations and arrive at conclusions on the basis of informed judgments, 4) learn how to cite sources and credit the ideas and phrases of others, 5) use proficient expression in correct English, 6) research a subject carefully before drawing conclusions and gain familiarity with essay examinations, the use and interpretation of maps and other graphic materials, note-taking from both printed materials and lectures and writing short research papers.

Advanced Placement
United States History ....................... 302300/302400
Grade level 11–12. Two semesters.
Prerequisite: None.
One full year meets the one semester social studies elective requirement and earns an additional one semester credit towards the “electives” graduation requirement.

This course is designed to challenge the ambitious student who has the ability and interest in American history and is capable of doing lower division college level work. The purposes of this course are to provide a much more intensive study of the United States history and preparation for the advanced placement test in this field.

LS 1 Social Studies 9-12. ................. 300730
Grade level 9-12. One semester.
Prerequisite: IEP.
Alternate curriculum for students enrolled in a Life Skills 1 class who are non-diploma track students on Alternate Assessment as required by their IEP. This course is repeatable.

LS 2 Social Studies 9-12. ................. 300731
Grade level 9-12. One semester.
Prerequisite: IEP.
Alternate curriculum for students enrolled in a Life Skills 2 class who are non-diploma track students on Alternate Assessment as required by their IEP. This course is repeatable.

Social Studies electives

The specific courses listed below are the courses that meet the 1/2 credit social studies elective graduation requirement. Although organized into two categories, Geography/Area Studies and History/Social Sciences, any one course from either category meets that requirement. These semester-long courses are intended for juniors and seniors only.

GEOGRAPHY/AREA STUDIES

Africa Studies ............................... 343000
Grade level 11–12. One semester.
Prerequisite: None.

Africa studies will focus on the physical geography and the diverse cultural forces that affect contemporary Africa. In this course, students will discuss early civilizations, imperialism, colonialism, the rise of nationalism and the emergence of independent African nations. The changing role of African nations in the modern world will be examined.

Asia Studies ............................... 341500
Grade level 11–12. One semester.
Prerequisite: None.

Asia studies will focus on the physical geography and cultural factors that characterize this huge region. Students will examine the diverse social, political, cultural and economic forces that affect regions of the world’s most populated continent. Students will discuss early civilizations, dynasties, religions, beliefs, environmental issues, sub-regions, changing history and the region’s contributions to the world. Issues facing contemporary Asia will also be explored.

Contemporary Problems .................... 365500
Grade level 11–12. One semester.
Prerequisite: None.

This course will focus on the social, political, cultural and geographic forces that have created contemporary world “hot spots.” Students will discuss the evolution of these issues on the world stage and the implications of their resolution or non-resolution.

Environmental Studies ..................... 309200
Grade level 11–12. One semester.
Prerequisite: None.

Environmental Studies emphasizes how the diverse people and cultures of the world affect the land on which they live. Students will examine the historical context of how local geography influenced the decisions that a people made. Then, as industrialization became widespread, how those decisions affected the world’s geography and environment. The interrelationships existing between economic development and the environment will also be explored.

European Studies ........................... 363800
Grade level 11–12. One semester.
Prerequisite: None.

European studies will examine the physical geography, cultures, history, economies and diversity of the people in this region. The course will focus upon an in-depth study of a selected sub-region or provide a comparative study of several European nations. Contemporary issues and problems will be examined as well as the region’s impact upon the world.

Global Geography .......................... 303000
Grade level 11–12. One semester.
Prerequisite: None.

This course is ideal for those curious about our world. The
course concentrates on developing geographic skills and concepts so that students can ask questions about the world and then gather, organize, analyze and apply the geographic information. For example, students will study world population growth and distribution, patterns of migration, how climate affects human habitation and distribution and how people use resources.

**Global Geography 9-12** .......................... 312700
Grade level 9–12. One semester.
Prerequisite: IEP.
Modified curriculum for Global Geography, as required by student’s IEP. The course is repeatable 10 times.

**International Relations** .............................. 363000
Grade level 11–12. One semester.
Prerequisite: None.
This course studies political geography among nations in the modern world. Emphasis is placed upon the history of United States foreign policy and how it is determined and implemented. Contemporary, topical issues will be studied in the context of their effect on the interests of the United States.

**Latin America Studies** .............................. 363500
Grade level 11–12. One semester.
Prerequisite: None.
This course will focus on the physical geography and cultural factors that characterize this region. Latin America includes Mexico, Caribbean nations and the nations of Central and South America. Students will study the characteristics which make the region unique and develop a knowledge of the contemporary issues. Current issues may include the development of a democracy, economic development, populations and environmental issues and challenges.

**Middle East Studies** ............................... 345500
Grade level 11–12. One semester.
Prerequisite: None.
This course will focus upon the physical and cultural geography of this important region. The course will examine the important role of the region in the global community. Students will investigate the relationships existing between the people and nations within the region. Key themes will address how the region’s religion, terrorism and oil influences the world.

**North America Studies** ............................ 363600
Grade level 11–12. One semester.
Prerequisite: None.
This course will focus upon the physical and cultural geography of this region or selected sub-regions. An analysis of the relationships among North American nations and cultures may be conducted to examine the impact of the region on the world today. Within that geographic context, the course will focus upon the cultural and physical forces that affect contemporary North America.

**Pacific Rim Studies** ............................... 303200
Grade level 11–12. One semester.
Prerequisite: None.
This course will focus upon the physical geography and diverse cultural elements found within the Pacific Rim region. Major countries surrounding and within the Pacific region will be the focus of study in this course. An analysis of the relationships among Pacific Rim cultures and nations will also be conducted to examine the impact of the region on the world today.

**United Nations** ....................................... 346100
Grade level 11–12. One semester.
Prerequisite: None.
United Nations is the study of the physical and cultural geography of selected member states in the organization and their relationship to key issues being examined by the organization. Students will also examine the functions and roles of the United Nations in the contemporary world. Emphasis is placed upon the process and issues of policy making. Students may participate in a model United Nations as representatives of a member state. This participation may require a commitment of time beyond the regular class schedule.

**United States Regional Studies** .................. 363700
Grade level 11–12. One semester.
Prerequisite: None.
U.S. Regional Studies will focus on the physical geography and cultural factors that characterize sub-regions in the United States. In this course, students will examine the geographic, political, cultural and economic diversity of the United States. Each region (e.g. Northwest, Southwest) will be examined for its uniqueness and its influence over other parts of the country. Students will analyze the evolution of American culture from an agrarian society to a technological-industrial society and investigate how this evolution has developed regional characteristics in areas such as foods, clothing, traditions, festivals, vocabulary and dialects.

**History/Social Sciences**

**Affective Skill Development 9-12** .......... 313600
Grade level 9–12. One semester.
Prerequisite: IEP.
This course is designed for students with an IEP to assist with problem solving, anger management, conflict resolution, alternative coping skills and goal setting techniques. Individual needs and concerns are addressed on a student-by-student basis. This course is repeatable 10 times for .5 social studies elective credit or general elective credit.

**Ancient Civilizations** ............................. 347000
Grade level 11–12. One semester.
Prerequisite: None.
This course is designed to allow an in-depth study of early worlds from the Americas to China, India, Africa and Mesopotamia. This course explores why and where early civilizations developed and compares their religion, culture, literature, science, technological achievements and their economic and political systems. Sample topics include: pyramids, rise and fall of great empires, high technology of the day, myths, arts, sports, foods and leisure of the ancients and great warriors and their weapons.

**Anthropology** ...................................... 302000
Grade level 11–12. One semester.
Prerequisite: None.
This is a study of humankind around the world and throughout time to seek understanding of human diversity. Students in offered at all schools at any one time.
this course will explore how the environment, culture, history and technology affect human development. Learn how old bones and artifacts can unlock the mystery of humankind. Sample topics include fieldwork and its methodology, early civilizations and societies, famous anthropologists and their discoveries, cultures past and present and how they compare.

Child Development/Parenting .................. 837000
Grade level 9–12. One semester.
Prerequisite: None.

This course is designed to improve the competence of adolescents in working with young children by increasing their awareness of child growth and development. Course work includes information about family planning, pregnancy, child growth and development, parenting skills and the family environment. Students also observe and work with young children either in a class-run preschool or arranged alternative. This course will fulfill a social studies graduation requirement or elective credit.

Comparative World Religions .................. 346500
Grade level 11–12. One semester.
Prerequisite: None.

This course is a study of religions as an integral part of daily life. Students will investigate the history and beliefs of selected world religions. The emphasis will be on the practices and principles and how they affect human behavior. How can people of different cultures cooperate if they do not understand each other’s underlying belief systems? Sample topics include world religions and their belief structures; traditions, customs and behaviors; key historical events and people; the role of religion and philosophy in our contemporary world and the impact of religion and philosophy on economic, political and social decisions.

The Constitution and the Bill of Rights .......... 305000
Grade level 11–12. One semester.
Prerequisite: None.

This course is a study of the founding principles and ideas underlying the U.S. political system. Students will examine how these important principles and ideas have worked throughout history and in the U.S. today. This class will explore the following questions: what are the philosophical and historical foundations of the U.S. political system? How did the framers create the Constitution? How did the values and principles embodied in the Constitution shape American institutions and practices? How have the protections of the Bill of Rights been developed and expanded? What rights does the Bill of Rights protect? What are the roles of the citizen in U.S. democracy?

Criminology ................................. 361500
Grade level 11–12. One semester.
Prerequisite: None.

Criminology is a study in the nature and causes of crime, its control and related punishment issues. Students will explore why people become criminals, how do we control criminals and how crime affects young people. Sample questions include: what are common crimes? How do juvenile crime patterns compare with adult? What are the different types of crimes? How do we police? What is organized crime? How does a citizen become part of the solution? How are property crime patterns different from violent crime patterns?

Dignity in Diversity .................. 351000
Grade level 11-12. One semester.
Prerequisite: None.

Dignity in Diversity focuses on four primary concepts to inspire students toward and prepare them for a democratic society. These concepts include democracy/equity, cross-cultural understanding, interdependence and socio-cultural exchange. The methodology of the course encourages students to understand more than one perspective in a dilemma, to place themselves in the position of other people and to be willing to express ideas in class without fear of ridicule. Through an interdisciplinary approach that uses social studies and literature, students have an opportunity to view the relationship of history to their lives and to explore the roles and responses of individuals and groups confronting contemporary difficult issues and dilemmas. The course may be taken for social studies or English elective credit.

The Holocaust and Human Behavior ........ 351300
Grade level 11–12. One semester.
Prerequisite: None.

This course allows students to explore, in-depth, one of the most fascinating yet tragic events of the twentieth century: The Holocaust. Students will examine the root causes which led to the rise of the Nazi party and the reaction of Germans—and the world—to Hitler and his plans of genocide. This course is best suited for individuals willing to reflect upon their own views of human behavior and consider the lessons of history. Questions which will be addressed include: what happens when prejudice and hatred are left unchecked? Can a democratic country produce a dictator? What did the Nazis believe and did anyone oppose them? How did Nazis make Germans obey orders? Have there been any other genocides like the Holocaust? Can individuals make a difference in the outcome of historic events?

Humanities of Western Civilizations .......... 350500
Grade level 11–12. One semester.
Prerequisite: None.

This course will explore the roots of western society from the rise of Greece through the formation of modern Europe. Students will examine western history, philosophy, arts and theology. The contributions of Western culture in the international arena and the effects of these interactions will also be examined. Students will investigate the following topics: contributions of the ancient classical civilizations in Greece and Rome, the role of western culture in creating democratic traditions, scientific and artistic advancements that made up the Renaissance, the roles that Judaism and Christianity have played in shaping the western world and beyond.

Law Studies .................................. 362500
Grade level 11–12. One semester.
Prerequisite: None.

Law Studies is the place to discover how the legal system works. This course aids students in applying legal principles and procedures through active participation in civil, criminal and constitutional mock trials. Sample questions that will be examined
include: what rights do individuals have? What are the major types of law? Why do we have an adversarial system? How well will students do in court? How do we make justice happen? How is justice carried out in Alaska?

**LS 1 On Your Own 9-12** .......................... 301730
Grade level 9-12. One semester.
Prerequisite: IEP.

This course is designed as a transitional skills class for students with an IEP and enrolled in a Life Skills 1 program to teach skills that will help students to successfully live independently in the future. This course provides opportunity to learn by doing; how to open a checking account, apply for a job, fill out an apartment application, create a budget, apply for credit and much more. Students will take several field trips and have many guest speakers from the community. Students will improve writing skills and math skills through practical applications in real life situations. This course is repeatable 10 times and may be counted as .5 credit of economics, social studies elective or general elective.

**LS 2 On Your Own 9-12** .......................... 301731
Grade level 9-12. One semester.
Prerequisite: IEP.

This course is designed as a transitional skills class for students with an IEP and enrolled in a Life Skills 2 program to teach skills that will help students to successfully live independently in the future. This course provides opportunity to learn by doing; how to open a checking account, apply for a job, fill out an apartment application, create a budget, apply for credit and much more. Students will take several field trips and have many guest speakers from the community. Students will improve writing skills and math skills through practical applications in real life situations. This course is repeatable 10 times and may be counted as .5 credit of economics, social studies elective or general elective.

**LS 1 Econ 9-12** .......................... 301830
Grade level 9-12. One semester.
Prerequisite: IEP.

This course is designed as a transitional skills class for students with an IEP and enrolled in a Life Skills 1 program to teach skills that will help students to successfully live independently in the future. This course provides opportunity to learn by doing; how to open a checking account, apply for a job, fill out an apartment application, create a budget, apply for credit and much more. Students will take several field trips and have many guest speakers from the community. Students will improve writing skills and math skills through practical applications in real life situations. This course is repeatable 10 times and may be counted as .5 credit of economics, social studies elective or general elective.

**LS 2 Econ 9-12** .......................... 301831
Grade level 9-12. One semester.
Prerequisite: IEP.

This course is designed as a transitional skills class for students with an IEP and enrolled in a Life Skills 2 program to teach skills that will help students to successfully live independently in the future. This course provides opportunity to learn by doing; how to open a checking account, apply for a job, fill out an apartment application, create a budget, apply for credit and much more. Students will take several field trips and have many guest speakers from the community. Students will improve writing skills and math skills through practical applications in real life situations. This course is repeatable 10 times and may be counted as .5 credit of economics, social studies elective or general elective.

**Minority Groups and Ethnic Cultures** .......................... 351200
Grade level 11–12. One semester.
Prerequisite: None.

This course is a study of the social, political, cultural and economic forces that affect minorities and ethnic cultures in the U.S. Explore the customs, behaviors, issues and legacies of America's diversity. Sample questions that will be addressed include: who are the indigenous peoples of the United States? Who are the minority groups and ethnic cultures of the United States? What are the important issues facing minority groups and ethnic cultures in the U.S. today? What has been the progression of civil liberties for minorities in the U.S.? What have been and is the political/legal status of minority groups and cultures in the United States?

**On Your Own 9-12** .......................... 301700
Grade level 9-12. One semester.
Prerequisite: IEP.

This course is designed as a transitional skills class for students with an IEP to teach skills that will help students to successfully live independently in the future. This course provides opportunity to learn by doing; how to open a checking account, apply for a job, fill out an apartment application, create a budget, apply for credit and much more. Students will take several field trips and have many guest speakers from the community. Students will improve writing skills and math skills through practical applications in real life situations. This course is repeatable 10 times and may be counted as .5 credit of economics, social studies elective or general elective.

**Philosophy** .......................... 304000
Grade level 11–12. One semester.
Prerequisite: None.

Philosophy is the study of systematic inquiry into basic questions, thoughts and beliefs regarding the human condition. Students will use logic and speculative reasoning to explore for answers and express their understanding of their thoughts and beliefs. The following questions will be examined: who are the great philosophers and what were their beliefs? How does one's philosophy shape their view of the world around them? What is the inherent nature of humankind and knowledge? What is the relationship between philosophy, religion and the supernatural? What are your beliefs about life and living? How is philosophy passed down through time? What is ideal behavior? How does Eastern philosophy differ from Western philosophy?

**Pre-Voc 9-12** .......................... 300800
Grade level 9-12. One semester.
Prerequisite: IEP.

This course is designed as a transitional skills class for students with an IEP to teach skills that will help students successfully get and keep a job. Students will learn about the job market, how to look for a job, interviewing skills, career decision making, self-determination skills and more. Students will be able to match their interests and aptitude with a chosen career path. This course is repeatable 10 times and may be counted as .5 credit of economics, social studies elective or general elective.
Psychology I-1 .......................... 368500
Grade level 11–12. One semester.
Prerequisite: None.

Psychology is the scientific study of human behavior from early childhood through old age. Students will explore how an organism's physical state, mental state and external environment affect behavior and the mental processes. Sample topics include: how people learn, think, feel and behave; how developmental stages are important in the human life cycle; how self-concept is developed through relationships with parents, peers and culture; and how brain functions are affected by environmental conditions.

Psychology I-2 .......................... 368600
Grade level 11–12. One semester.
Prerequisite: Psychology I-1.

This course continues the study of the human mind and behavior by shifting the focus to the individual. Students will investigate the interactions of an individual with other people, how a person copes with stress, the causes of psychological disorders and the treatments of these disorders.

Advanced Placement Psychology ........ 368700/
Grade level 11–12. Two semesters. 368800
Prerequisite: None.

This year-long course is designed to introduce the highly motivated student to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are introduced to the psychological facts, principles and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods psychologists use in their science and practice. Topics include: the history of psychology, contemporary approaches to behavior, how to understand one's own behavior, strategies for dealing with life experiences and how to apply psychological principles to society.

Psychology .................................. 304500
Grade level 11–12. One semester.
Prerequisite: None.

Sociology is a study of how human behavior is shaped by the groups to which we belong. Students will examine patterns of social life, make predictions about behavior and investigate other cultures. Sample questions in Sociology include: what roles do families play? What role does money play in creating groups in society? How do schools and other social institutions shape human behavior? Why do people join gangs?

Twentieth Century American Eras .......... 355600
Grade level 11–12. One semester.
Prerequisite: None.

This course is an in-depth study of specific time periods and themes in U.S. history over this past century. A major goal of this course is to understand how life today is related to previous life experiences. Sample topics in this course include: the Cold War, the Sixties, the Roaring Twenties, the Depression and the Civil Rights Era.

United States Military History .............. 323000
Grade level 11–12. One semester.
Prerequisite: None.

This course will examine the origin and growth of U.S. military forces. Sample topics will include: leaders and strategies, successes and failures, allies and enemies, women and minorities and air, sea and ground forces.

Westward Movement ........................ 323500
Grade level 11–12. One semester.
Prerequisite: None.

Westward Movement is a course that studies the frontier history and geography of the U.S. as a young nation expands from coast to coast. Sample topics in Westward Movement include: Native American cultures and histories; life on the Kentucky frontier (e.g. Daniel Boone, splitting wood and salt pork); men and women of the frontier; Native American and settlers views of each other; treatment of Native Americans; Louisiana Purchase and explorers of the territory; Texas independence, annexation and the Alamo; cultural diversity in the west; gold rushes, cowboys/girls; cattle drives and cowtowns.

Women's History .......................... 352700
Grade level 11–12. One semester.
Prerequisite: None.

Women's History is a course where students explore current issues of women, their major achievements and the historical impact women have had on humanity. Sample topics in Women's History are: the changing roles of women and their social, marital, economic and legal-political status; the roles of men; the agendas and accomplishments of selected women leaders; issues that affect women (e.g. violence, poverty, education, equal opportunity); and challenges and legacies of women throughout history.

King Career Center academic credit

Early Childhood Education (KCC) ............ 830300
Grade Level 11-12. 1 semester. Second semester may be taken with a grade of “C” or better to advance.
Prerequisite: None, however course work in Child Development and/or Psychology is helpful. Students are required to complete a physical and background check within first week of enrollment.
Alternative Credits: 1/2 social studies elective (1/2 credit maximum).

The Early Childhood Education Program provides students an opportunity to work and learn about young children. Students work in a nationally accredited early childhood preschool under the supervision of two early childhood instructors. Municipal licensing law requires all students to have a current physical and background check. Students are also required to complete an application signed by their parents stating they have not committed a crime of “moral turpitude.” Students learn child development and classroom skills in supervising and teaching young children ages 3-5 years. The first semester curriculum includes: health and safety, guidance and parenting. Students enrolled in the second semester will continue their study of child development focusing on setting up a quality learning environment and creative development of young children. Students can earn college credits.

Job entry opportunities:

ASD kindergarten teacher assistant; ECE teacher aide; pre-K teacher aide; special education aide; recreational leader; after-school program assistant
Natural Resources Management .................. 871000
Grade level 11-12. One semester.
Fall semester: Alaska Resources.
Fall Alternative credits: ½ Physical Science maximum and ½ social studies elective credit (can be earned concurrently). Not repeatable.

Spring Season: Management of Alaska Resources.
Spring Alternative credits: ½ Physical Science maximum and ½ social studies elective credit (can be earned concurrently). Not repeatable.
NOTE: ½ Alaska Studies credit awarded in lieu of social studies elective credit at the completion of two concurrent semesters only (1/2 credit maximum).

Learn about and experience the beauty and mystery of Alaska while exploring careers that manage the natural resources of our state. Through classroom and outdoor skill building activities students will examine soil and water conservation, wildlife and fisheries management and forestry and recreation in both historical and contemporary contexts. This course examines the geography, history, political and economic forces that have shaped contemporary Alaska. Course content is organized around five themes of population, land, resources, governance and cultural landscape. The NRM program offers career pathways to Alaska resource development and conservation career fields by offering Tech Prep college credits toward degrees and opportunities for paid summer natural resource career internships.

This course is an integration of social studies and physical science with career field exploration. ASD’s Alaska Studies curriculum is taught when fall and spring semesters are taken consecutively. This course includes a review of the history and the political and economic forces that determine contemporary Alaska resource development decisions and other issues confronting the state.

Job entry opportunities:
Landscaping, tree service companies, greenhouse operations, forestry aide, environmental specialist, environmental interpreter, guide assistant, campground and park aides

Retail Merchandising ....................... 867000
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance Alternative credits: 1/2 Economics maximum

Earn your required economics credit, run a small business and a corporation, join Mickey at Disneyland or Disney World, or tour the many districts of New York City. All are opportunities in Retail Merchandising where business economics comes to life.

First semester students will learn the secrets of luring clientele with exciting visual presentations, targeting markets for great sales and why and how we buy everything from stocks to socks. Second semester students will explore the power of advertising, participate in sports and entertainment marketing, event planning and creating your own personal business!

As a member of DECA (an international association of marketing students) students participate in community service, develop leadership skills and become eligible for over $250,000 in scholarships! As an owner/employee of two businesses, students can earn exciting rewards for achievements. National certification in customer service with the National Retail Federation is available.

Job entry opportunities:
Sales associate, visual merchandiser, window dresser, manufacturer’s representative, advertising representative, stock clerk, assistant buyer, receiving clerk, event management assistant, floor manager, event planner assistant

Tourism ........................................... 865000
Grade level 11-12.
Alternative credits: 12 social studies elective per semester (1 credit max.)
Fall semester: Hotel industry. Not repeatable.
Spring semester: Airline industry. Not repeatable.

The Tourism program uses curriculum that is developed for professional certification by the American Hotel and Lodging Association. It is designed for high school students to acquire skills necessary for entry level hotel and lodging careers. Students will also study destination geography, communication and customer service skills; public speaking, marketing and job search skills. Additionally, spring semester students will study the travel-related tourism industries: airline, rail, tour companies and cruise lines.

Fall Semester: Instruction in hotel operations, theory, industry vocabulary, computer reservations and rooms management.

Spring semester: Exploration of the tourism transportation industries such as airline, railroad and cruise travel as well as related career opportunities. Hospitality industry-banquet and meeting room sales. Leadership, teambuilding and management skills.

The third semester provides on-the-job-training experience for those who qualify.

Job entry opportunities:
Hotel reservations, hotel front desk, hotel housekeeping, hotel gift shop, car rental agent, agency courier, agency receptionist, airline reservations, airline receptionist, airline ticket agent, airline baggage agent, tour guide, customer service representative for a tour company

THEATRE ARTS

Acting I ........................................ 961000/961100
Grade level 9-12. Two semesters. No English credit.
Prerequisite: None.

Much of this course will center around the fundamentals of acting and theatre work. It will include an introduction to improvisation, voice technique, body movement, physical conditioning and terminology. Role and script examination and interpretation may also be included for those students who have progressed well. Performances during school hours will be required. May be taken 8 times.

Acting II ..................................... 961200/961300
Grade level 10-12. Two semesters. No English credit.
Prerequisite: Acting I or director’s approval.

A sequel to the concepts of Acting I. Students experience advanced technical training through group and individualized instruction. Styles of acting, character analysis, audition techniques, text analysis, vocal projection and methods of acting will

offered at all schools at any one time.
be studied in practical application. Performance in class and during school hours will be required. May be taken 6 times.

**Play Production** ........................................... 963000/963100
Grade level 9–12. Two semesters. No English credit.
Prerequisite: Director’s approval.

Play Production involves all aspects of producing a play or musical. The culmination of this course will be theatrical production, which includes student experiences in technical theatre and/or acting. Performance outside of class time is part of course work. May be taken 8 times.

**Stagecraft** .............................................. 964500/964600
Grade level 10–12. Two semesters. No English credit.
Prerequisite: None.

Stagecraft is the study of all aspects of technical theater. It will include set design and construction, lighting and sound design, costume and property design and construction, marketing the production and crew and stage managing techniques and responsibilities. May be taken 6 times.

**VISUAL ARTS**

Students will be expected to perform at a higher level of competency and advancement with each semester enrolled in a course.

**Advanced Placement Art Studio** ................... 501500
Grade level 11–12. Two semesters.
Prerequisite: Portfolio with minimum of six pieces required for review by Advanced Placement selection committee established by the building Art Department staff. Portfolio review required each time the student elects to take Advanced Placement Art. Students will select one of the following categories for portfolio review: Art Studio: 2D, Art Studio: 3D, or Drawing. Portfolio review by The College Board is required for a weighted grade.

Students will select one of the following categories for their portfolio development: Art Studio: 2-D, Art Studio: 3-D, or Art Studio: Drawing. This program is offered for students pursuing college level work while enrolled in high school. Highly interested, motivated students accepted into the program are encouraged to develop a portfolio, which can be submitted in their senior year to The College Board and reviewed for the granting of college credit. This class is structured in such a way as to encourage freedom of expression, which allows for a variety of solutions to artistic visual problems. This course will reflect three major components that are constants in the teaching of art: a sense of quality in a student’s work, a personal in-depth preoccupation or concentration with a particular mode of working and the student’s need for a variety of breath of experiences in the formal technical and expressive means of the artist. Two-semester course. Material fees required.

**Art I** .................................................. 530900/531000
(Circa prehistoric to 1800’s)
Grade level 9–12. Two semesters.
Prerequisite: None.

This is an integrated study of the visual arts. The major areas of study are drawing, painting, printmaking, sculpture and art metals. Each quarter is presented in an order to develop design concepts, use of media, art history, self-expression and criticism. Materials fee required.

**Art II** ................................................... 531100/531200
(Circa twentieth-century art)
Grade level 9–12. Two semesters.
Prerequisite: Both semesters of Art I.

Quarterly activities built on the same units of study as Art I. Theming, advanced ideas and problem solving are featured in Art II. The historical scope is twentieth-century art. Materials fee required.

**Art Studio** ................................................ 512000
Grade level 9–12. One semester.
Prerequisite: None.

This is a general exploratory course with a strong emphasis on the elements and principles of design. A variety of art processes and media, i.e., drawing, lettering, printmaking, painting, fiber, layout, jewelry, sculpture and art appreciation will be introduced. Materials fee required. May be taken 4 times.

**Drawing and Design** ................................. 507000
Grade level 9–12. One semester.
Prerequisite: None.

Introductory course to drawing materials (pastels, crayon, paint and mixed media, pencil, pen and ink, charcoal), drawing techniques such as contour, gesture, perspective, shading and design concepts. Studio course emphasizing the principles of composition, color theory, value and tonal studies. Materials fee required. May be taken 4 times.

**Jewelry** .................................................. 532500
Grade level 9–12. One semester.
Prerequisite: None. Art Studio, Art I or Drawing and Design recommended.

An exploration of fabricated jewelry. Projects will be based upon designing, sawing, soldering and polishing jewelry made from flat sheets of metal. The use of natural and man-made materials to enhance projects will be emphasized. The course may include simple forging, casting, enameling, etching and stone setting (equipment dependent). Materials fee required. May be taken 4 times.

**Painting** .................................................. 514000
Grade level 9–12. One semester.
Prerequisite: Art Studio or Drawing and Design.

A study of media and techniques in painting, i.e., watercolor, tempera, acrylic, oil and mixed media will be explored in conjunction with a basic investigation of materials and history of painting. Materials fee required. May be taken 4 times.

**Multimedia Design** .................................... 545500
Grade level 9–12. One semester segments. Semesters three and four are designed for advanced students.
Prerequisite: None. Art Studio or Drawing & Design recommended.

The Multimedia Design course is a merging of traditional art processes with emerging technology. Students will link together a variety of media such as graphics, text, audio and visual programs using basic concepts of two- and three-dimensional design. Through a variety of learning activities, emphasis will be placed on...
on the creative process, conceptual design, solutions and practical applications. Materials or lab fee required. May be taken 4 times.

**Pottery** .......................................................... 515500
Grade level 9–12. One semester.
Prerequisite: None. Art Studio or Drawing and Design recommended.

Beginning students will study media skills, techniques of hand building with clay, such as pinch, coil and slab and history of clay as an art form. Clay processes, preparation, experimentation with texture, surface decoration, sculpture, wheel throwing, glazing and firing will be explored. Advanced students will calculate and mix chemicals to create glazing compounds. Materials fee required. May be taken 4 times.

**Printmaking.** ....................................................... 536000
Grade level 9–12. One semester.
Prerequisite: Art Studio, Art I or Drawing and Design.

Beginning students will be introduced to the various printmaking methods that may include relief printing, intaglio, lithography, silk screening and embossing processes, depending on available equipment. Advanced students will create multicolored images and learn to register multiple prints. Materials fee required. May be taken 4 times.

**Sculpture.** ........................................................... 517500
Grade level 9–12. One semester.
Prerequisite: None. Art Studio, Art I or Drawing and Design recommended.

This is an introductory course in basic problems of three-dimensional forms using a variety of media: paper, wood, stone, clay, wax, wire, plaster, metal and glass. Additive and subtractive techniques will be explored. Materials fee required. May be taken 4 times.

**WORLD LANGUAGES**

**ALASKA NATIVE LANGUAGES**

**Tlingit I (novice low)** .......................... 452000/452100
Grade level 9–12. Two semesters.
Prerequisite: None.

Students are active learners in this Tlingit language and culture course. Through participation, students develop basic speaking and listening skills in the identified language, as well as the orthography of the written language. The students will engage in a variety of cultural activities to enhance and further develop their Alaska Native language skills.

**Yup’ik I (novice low)** .......................... 450500/450600
Grade level 9–12. Two semesters.
Prerequisite: None.

Students are active learners in this Yupik language and culture course. Through participation, students develop basic speaking and listening skills in the identified language, as well as the orthography of the written language. The students will engage in a variety of cultural activities to enhance and further develop their Alaska Native language skills.

**FRENCH**

**French I (novice low)** .................... 442100/442200
Grade level 9–12. Two semesters.
Prerequisite: None.

Students learn to exchange information in simple terms about topics relating to themselves, their family and their leisure activities in French. They will be introduced to the culture of French-speaking countries and regions. The emphasis is on vocabulary development and elementary grammatical structures. The main goal of this course is to progress toward a novice-level ability in using French in school and the community.

**French II (novice mid)** ..................... 443100/443200
Grade level 9–12. Two semesters.
Prerequisite: French I.

Building on what was learned in Level I, students expand their ability to speak, read, write and listen in French. The emphasis is on continued vocabulary development and the acquisition of additional simple grammatical structure. There will be many opportunities to converse and write stories in French about familiar topics. Students begin applying their French language skills to communicate in basic real-life situations. They also continue to learn about the culture of French-speaking people. The goal of this course is for students to function at a mid-novice to high-novice level of proficiency.

**French III** ......................................................... 444100/444200
(novice high to interm. low)
Grade level 9–12. Two semesters.
Prerequisite: French II.

Students exchange information and begin to share opinions about themselves, their school and community. They expand their vocabulary and learn increasingly complex grammatical structures needed for more sophisticated communication. Students use technology and media to gather cultural information and learn about current events. This course is tailored to the low-intermediate level of proficiency in French.

**French IV (interm. mid to interm. high)** 445100/445200
Grade level 9–12. Two semesters.
Prerequisite: French III.

Building on what was learned in Level III, students work with an increased number of authentic listening and reading materials. They learn to describe, explain, summarize and express opinions in detail. Students can discuss current events and give topical cultural reports in French. Emphasis will be on learning idiomatic expressions and more detailed grammatical concepts. The goal for this course is for students to be able to function at a mid-intermediate to high-intermediate level of proficiency.

**French V (Interm. high to pre-advanced)** 446100/446200
Grade level 9–12. Two semesters.
Prerequisite: French IV.

Students continue their development of communication skills through various media, which may include literature, art, music, film, history or current events. This can be an individualized course defined by student needs and interest in French. The goal

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53
for this course is to meet the students’ desires to advance in their acquisition of communication skills, cultural understanding and personal growth.

AP French Language (pre-advanced) . . . . . . . . . . 447100/447200
Grade level 9–12. Two semesters.
Prerequisite: French IV, V, or teacher recommendation.

The goal of this course is to prepare each student to take the annual AP French Language exam. Designed to provide students with an opportunity to develop their proficiency skills in comprehension, reading, writing and speaking at a higher level, students will be challenged with written essays, impromptu and planned oral presentations, readings of a variety of texts and listening and viewing comprehension of oral texts.

GERMAN

German I (novice low) .............. 422100/422200
Grade level 9–12. Two semesters.
Prerequisite: None.

An introduction to the German language and culture. The emphasis is on listening with understanding, speaking with clarity, reading and writing. Instruction begins with situation dialogues. Deductive analysis is used to lead to grammatical principles, but the emphasis is on vocabulary development. Students in their course learn to exchange information in simple terms about every day experiences. Students identify the countries where German is spoken, as well as current events in those countries.

German II (novice low to novice high) ......... 423100/423200
Grade level 9–12. Two semesters.
Prerequisite: German I.

Emphasis is further vocabulary development and includes increased writing practice. Additional points of grammar are introduced. Students give oral reports and refine their discussions of their daily lives. Students continue to learn about the culture of the German people, which may include famous figures from history as well as aspects of modern life in Germany, which could include sports or entertainment personalities and popular pastimes. Current events in the German speaking world are discussed.

German III (novice high to interm. low) ......... 424100/424200
Grade level 9–12. Two semesters.
Prerequisite: German II.

Continues to develop and perfect the four skills: listening, speaking, reading and writing, with more emphasis on German literature, history and culture. Grammatical elements are reviewed on a more advanced level and are incorporated into conversations and compositions on a broad spectrum of topics.

German IV (interim. mid to interim. high) ......... 425100/425200
Grade level 9–12. Two semesters.
Prerequisite: German III.

Increased emphasis is placed on reading and writing communications. Concentration may be directed toward reading and discussing German literature from classical material to contemporary works. Main events of German history may be covered as well as one or more interdisciplinary thematic units.

German V (interim. low to pre-adv. low) ......... 426100/426200
Grade level 9–12. Two semesters.
Prerequisite: German IV.

This is an individualized course designed to strengthen grammatical weaknesses and perfect oral skills. Materials are selected according to student interest. Advanced placement programs are possible at this level.

AP German (interm. to pre-advanced) ........... 427100/427200
Grade level 9–12. Two semesters.
Prerequisite: German IV or teacher recommendation.

The goal of this course is to prepare each student to take the annual AP German Language Exam. Designed to provide students with an opportunity to develop their proficiency skills in comprehension, reading, writing and speaking at a much higher level, students will be challenged with written essays, impromptu and planned oral presentations, readings of a variety of texts and listening and viewing comprehension of oral texts.

JAPANESE

Japanese I (novice low to novice mid) .......... 472100/472200
Grade level 9–12. Two semesters.
Prerequisite: None.

The emphasis of this course is on the ability to communicate orally, emphasizing vocabulary development and basic language functions. The two kana syllabaries, hiragana and katakana, along with some basic characters, are taught in this course. Students will use the language to exchange information about topics relating to themselves, their families and their leisure activities. A general introduction to Japanese culture is also integrated throughout this course.

Japanese II (novice high) ............... 473100/473200
Grade level 9–12. Two semesters.
Prerequisite: Japanese I.

This course builds on the study of basic vocabulary and grammatical structures from Japanese I. In the area of written communication, utilization of Kana (hiragana and katakana) continues. Approximately 25-50 kanji (Chinese characters) are also introduced. Students will use the language to exchange information about topics relating to geography, friends, weather, seasons and lifestyles. Students participate in dialogues about familiar situations and use less simple patterns. They read familiar material and write short, directed compositions. Japanese customs, beliefs and aspects of contemporary and traditional culture are also integrated throughout this course.

Japanese III (novice high to interm. low) ........ 474100/474200
Grade level 9–12. Two semesters.
Prerequisite: Japanese II.

Students continue to develop proficiency in listening, speaking, reading and writing. They expand their vocabularies and learn more complex language functions to communicate in more sophisticated ways. Oral and written tasks will integrate Level I and Level II topics, with a wider array of communicative topics. Consistent with all topics, students negotiate conversations, engage in limited discourse and demonstrate socio-cultural appropriateness. Students demonstrate an ability to recognize and
produce an additional 25-50 kanji (Chinese characters). Topics related to Japan's history, contemporary and traditional culture, as well as current events are integrated throughout this course.

Japanese IV (interm. low to interm. mid) ........... 474300/474500
Grade level 9–12. Two semesters. 474400
Prerequisite: Japanese III.

Students develop more sophisticated communication skills and refine their reading and writing skills. In writing and reading, the number of kanji is increased. Students write short compositions based on individual experiences or reading materials and making oral or written presentations on assigned topics. Cultural topics, such as a survey of Japanese history, are integrated throughout this course.

Japanese V (intermediate) ...................... 474600/474500
Grade level 9–12. Two semesters.
Prerequisite: Japanese IV.

Students continue the study of the Japanese language by completing the study of basic grammar, by learning new vocabulary and by preparing creative works in writing. They progress to use more complex sentences using abstract vocabulary. Reading selections of increased difficulty will be incorporated for readings and discussions. In writing and reading, the number of kanji (Chinese characters) increases. Cultural topics, such as the relationship with people with nature, the conduct of business, major historical events and the ties with the United States, are integrated throughout this course.

JAPANESE IMMERSION

Japanese for Fluent Speakers I ........... 479000/479100
Grade level 9. Two semesters.
Prerequisite: Participation in the Japanese Immersion Program Grades 1-8, or teacher recommendation.

This course uses students' broad vocabulary base, proficiency with basic communicative structures and mastery of the hiragana and katakana syllabaries, as well as several hundred kanji (Chinese characters) to focus on oral communication. Students will apply familiar grammar functions to new communicative tasks, as well as cement proper usage of latent grammar function skills. Students will use new vocabulary and grammar functions to learn about and express opinions about topics such as tourism in Alaska, Japanese vs. American peers and Japanese customs and beliefs. Both oral and written communication will be conducted exclusively in Japanese.

Japanese for Fluent Speakers II ........... 479200/479300
Grade level 10. Two semesters.
Prerequisite: Japanese for Fluent Speakers I or teacher recommendation.

This course builds on students' ability to use the basic communicative structures presented in JFS 1/2. The course emphasizes continued vocabulary development and development of communicative functions to enhance oral communication skills. Kanji (Chinese characters) for production and recognition are increased. The themes of tradition vs. change and comparative cultures are used to learn about topics such as: images in the Japanese media, sumo and the role of family. Students use a variety of written and oral resources to learn and express their opinions about various topics. Both oral and written communication will be conducted exclusively in Japanese.

Japanese for Fluent Speakers III ............ 479400/479500
Grade level 11–12. Two semesters.
Prerequisite: Japanese for Fluent Speakers II or teacher recommendation.

This course builds vocabulary, grammatical structures and socio-cultural understanding presented in JFS 3/4. This course emphasizes continued vocabulary development and development of communicative functions to enhance oral communication skills. Kanji (Chinese characters) for production and recognition are increased. Students use Japanese to deepen their understanding of Japanese history, with specific focus on the Heian period, the Maiji period, World War II (the road to war, pearl harbor, Hiroshima, Japanese Internment, the changing perceptions of Japan's war involvement) and modern Japan and its ties with the U.S. Students use a variety of written and oral resources to learn and express their opinions about various topics. Both oral and written communication will be conducted exclusively in Japanese.

Japanese for Fluent Speakers IV ........... 479600/479700
Grade level 11–12. Two semesters.
Prerequisite: Japanese for Fluent Speakers III or teacher recommendation.

This course builds vocabulary, grammatical structures and socio-cultural understanding presented in JFS 3/III. This course emphasizes continued vocabulary development and development of communicative functions to enhance speaking, listening, reading and writing communication skills. Kanji (Chinese characters) for production and recognition are increased. Students use Japanese to learn about Japanese business, careers involving Japanese and current events. This class also helps prepare students to transition into college-level Japanese courses. Students use a variety of written and oral resources to learn and express their opinions about various topics. Both oral and written communication will be conducted exclusively in Japanese.

LATIN

Latin I ........................................ 482100/482200
Grade level 9–12. Two semesters.
Prerequisite: None.

This course is designed to introduce the beginning student to the Latin language and Roman culture. The course focuses on the development of reading comprehension. Vocabulary and grammar are studied in the context of reading passages into which cultural information has been integrated. Students learn to pronounce Latin according to accepted convention and simple oral Latin is used to aid students in comprehension. Students will gain some understanding of the effect of Roman civilization on the western world. Word derivations and Latin word elements are also studied to expand the student’s vocabulary.

Latin II .................................... 483100/483200
Grade level 9–12. Two semesters.
Prerequisite: Latin I.
The emphasis of Latin II is to continue the development of reading and comprehension skills and the acquisition of a deeper understanding of the similarities and differences between the Roman world and our own. New vocabulary and more grammatical structures are learned as the reading progresses to longer and more complicated passages. Oral Latin is used to help students understand reading selections. The study of Latin word elements continues.

**Latin III.** 484100/484200  
**Grade level:** 9–12. Two semesters.  
**Prerequisite:** Latin I and II.

Students in this course continue to develop reading and comprehension skills, working primarily with authentic Latin texts. Students are introduced to a variety of genres including histories, orations, poetry, drama and letters. They become acquainted with some major Roman writers of the classical period. Students further refine their understanding of classical mythology and the influence of the Roman World on contemporary culture. Time permitting, students may become acquainted with selections from Medieval Latin.

**Latin IV.** 485100/485200  
**Grade level:** 9-12. Two semesters.  
**Prerequisite:** Latin I, II and III.

Students continue the study of classical Latin using authentic texts. Students learn to scan Latin poetry, to identify the various tropes and figures of speech used in poetry and oration and to appreciate the individual styles of the authors studied. The course may provide students an opportunity to prepare for the AP Examination in Latin and focuses either on Vergil’s Aeneid or on the poems of Horace, Ovid and Catullus and the speeches of Cicero. Students may prepare original compositions in Latin including letters, orations and poems.

**AP Latin Literature.** 485500/485600  
**Grade level:** 9-12. Two semesters.  
**Prerequisite:** Latin III or teacher recommendation.

Students in this course will complete university-level coursework in AP Latin literature, reading the works of Catullus/Cicero, Ovid, or Horace. Students will critically analyze works for form and content. Students will participate actively in discussions on literary topics. Students in this course will prepare for the Advanced Placement Latin Literature Exam.

**MANDARIN CHINESE**

**Mandarin Chinese I.** 432100/432200  
**Grade level:** 9–12. Two semesters.  
**Prerequisite:** None.

The emphasis of this course is on the ability to communicate orally, emphasizing vocabulary development and basic language functions. Students will use the language to exchange information about topics relating to themselves, their families and leisure activities. Students will learn basic radicals and stroke order in writing and be introduced to Chinese culture.

**Mandarin Chinese II** 432300/432400  
**Grade level:** 9–12. Two semesters.  
**Prerequisite:** Mandarin Chinese I.

This course builds on the study of basic vocabulary and grammatical structures from Chinese I. Students will transfer from dependence on the romanized system, pinyin, to reading and writing the Chinese characters. Students will initiate and sustain short conversations on simple topics in everyday situations, recognizing future and past references and speak the language with increased confidence and clearer articulation. Chinese customs, beliefs and aspects of contemporary and traditional culture are also integrated throughout this course.

**Mandarin Chinese III.** 432500/432600  
**Grade level:** 9–12. Two semesters.  
**Prerequisite:** Mandarin Chinese II.

Students continue to develop communicative proficiency in Chinese and expand their ability to write in Chinese, from simple words to paragraph descriptions of pictures and short essays. Students will develop a better understanding of the cultural implications of the Chinese language in communication through the study of selected readings of authentic Chinese materials.

**Mandarin Chinese IV** 432700/432800  
**Grade level:** 9–12. Two semesters.  
**Prerequisite:** Mandarin Chinese III.

Students develop more sophisticated communication skills and refine their reading and writing skills. Students will be exposed to Chinese television, plays and contemporary Chinese literature. Students will make oral and/or written presentations on assigned topics exclusively in the target language.

**Mandarin Chinese V** 432900/433000  
**Grade level:** 9–12. Two semesters.  
**Prerequisite:** Mandarin Chinese IV.

Students continue the study of Chinese language through expanded vocabulary, more complex sentence structures and authentic reading selections. Students will increase their skills in creative writing and speaking. Cultural topics related to Chinese culture and history will be integrated throughout the course.

**RUSSIAN**

**Russian I** 462100/462200  
**Grade level:** 9–12. Two semesters.  
**Prerequisite:** None.

Students learn to exchange information in simple terms about topics relating to themselves and their family in Russian. They will be introduced to the geography and culture of Russia. Students will master the Cyrillic alphabet and they will present short dramatizations of skits, songs, or poetry. The emphasis is on vocabulary development and simple grammatical structures. The main goal is for students to progress toward a novice-level ability in using Russian in school and the community.
Spanish II (novice low to novice mid) ............... 463100/463200
Grade level 9–12. Two semesters.
Prerequisite: Russian I.

This course builds on the novice level. Students expand their ability in reading, speaking, writing and listening and extend their vocabulary on topics of everyday experiences. They continue to acquire simple grammatical structures as needed for meaningful communication. Students progress toward a novice-high level of ability.

Russian III (novice mid to novice high)............. 464100/464200
Grade level 9–12. Two semesters.
Prerequisite: Russian II.

Students exchange and begin to share opinions about themselves, their school and community. Students use technology to communicate in Russian. They use Russian media to gather information. They are able to retell traditional Russian stories orally and in writing. Students begin to work at the low intermediate ability level in Russian.

Russian IV ........................................ 465100/465200
(novice high to interm. low)
Grade level 9–12. Two semesters.
Prerequisite: Russian III.

Students compare common courtesies and non-verbal cues in Russian. They learn to describe concerns and express dis/satisfaction with products or services. They exchange information on past and future plans and experience songs, literature and art enjoyed by their Russian peers. Students present short plays and skits and prepare audio or video projects. They continue to progress through the intermediate level of ability.

Russian V ........................................ 465300/465400
(novice high to interm. mid)
Grade level 9–12. Two semesters.
Prerequisite: Russian IV.

Students define their needs and interests in further study of Russian. They continue to learn about the culture of Russia in relation to the situations in which they might find themselves expected to communicate. This is an individualized course which continues the work begun in Russian III and IV. Students are progressing toward an intermediate high level ability in Russian.

SPANISH

Spanish I (novice low) ......................... 402100/402200
Grade level 9–12. Two semesters.
Prerequisite: None.

Students begin to learn to communicate orally and in written form. They learn to understand and produce simple expressions and are introduced to the cultures of Spanish-speaking countries. The emphasis is placed on vocabulary development and simple grammar. Throughout the course students apply language skills to real-life communication. Students in this course learn to exchange information in simple terms. The main goal for this course is for students to progress towards a novice level ability in using Spanish in school and the community.

Spanish II (novice mid) ......................... 403100/403200
Grade level 9–12. Two semesters.
Prerequisite: Spanish I.

Students continue to expand upon oral and written communications through vocabulary building and grammar advancement. Students in this course learn to understand and produce simple language related to familiar topics. Students also continue to learn about the culture of the Spanish-speaking peoples. The goal of this course is for students to function at a novice-mid to novice-high level of proficiency, depending on their background and to begin to show signs of intermediate-low level of proficiency.

Spanish III .................................. 404100/404200
(novice high to interm. low)
Grade level 9–12. Two semesters.
Prerequisite: Spanish II.

Students continue their development of communication skills. Increased emphasis is placed on responding to written and verbal input, as well as continued study of Spanish-speaking cultures. In this course students learn more complex grammar and continue to expand upon vocabulary acquisition in order to satisfy some survival needs and courtesy requirements. The main goal of this course is for students to progress towards an intermediate low level of proficiency.

Spanish IV .................................. 405100/405200
(interm. mid to interm. high)
Grade level 9–12. Two semesters.
Prerequisite: Spanish III.

Students will improve in oral and written communication through exposure to thematic/interdisciplinary study. Students will also be introduced to advanced grammar through contextual relevancy. The goal of this course is for students to be able to function at an intermediate mid to intermediate high proficiency level.

Spanish V/VI ................................. 406100/406200
(interm. high to pre-advanced)
Grade level 9–12. Two semesters.
Prerequisite: Spanish IV.

Students continue their development of communication skills through various media, which may include literature, art, music, film, history or current events. The goal of this course is to meet the students desires to advance in their acquisition of communication skills, cultural understanding and personal growth.

Pacesetter Spanish .......................... 409400/409500
(Interm. mid to interm. high)
Grade level 9–12. Two semesters.
Prerequisite: Native speaker of Spanish; immersion program or other elementary/middle school coursework.

This course is a full year (two semesters) Spanish language course for high school students which was developed in collaboration with the American Council on the Teaching of Foreign Languages, College Board and Educational Testing Service. Students in this course are actively engaged in the use of Spanish from the very beginning in studying, gathering, synthesizing and discussing information about the Spanish-speaking world, includ-
ing the United States. Students work both collaboratively and independently, using a variety of resources in Spanish to develop and expand their knowledge of the Hispanic world and, in turn, gain a better understanding of themselves and the world in which they live.

**AP Spanish Language** 407100/407200
**pre-advanced**
Grade level: 9–12. Two semesters.
Prerequisite: Spanish V, VI, native speaker or teacher recommendation.

The goal of this course is to prepare each student to take the annual AP Spanish Language Exam. Designed to provide students with an opportunity to develop their proficiency skills in comprehension, reading, writing and speaking at a much higher level, students will be challenged with written essays, impromptu and planned oral presentations, readings of a variety of texts and listening and viewing comprehension of oral texts.

**AP Spanish Literature** 407300/407400
**pre-advanced**
Grade level 10–12. Two semesters.
Prerequisite: Spanish AP, V, VI, native speaker or teacher recommendation.

Students in this course will complete university-level coursework in Spanish literature. Students will read literary texts of all genres and critically analyze works for form and content. Students will comprehend lectures delivered in Spanish and participate actively in discussions on literary topics. This course will prepare students for the Advanced Placement Spanish Literature Exam.

**Spanish for Fluent Speakers I** 409000/409100
**pre-advanced**
Grade level 9–12. Two semesters.
Prerequisite: Native speaker of Spanish.

Students who have already developed a high level of oral/aural language proficiency in Spanish will have an opportunity for more concentrated language development in Spanish through writing, vocabulary expansion and literature. This course will meet the specific needs of both English-speaking and Spanish-speaking students. Students whose second language is Spanish will be able to refine their literacy skills and communicate with native speakers. Students whose first language is Spanish will strengthen and refine their literacy skills, develop problem-solving skills and increase their self-esteem entirely in their primary language. The skills they develop will transfer to their acquisition of English as a second language.

**Spanish for Fluent Speakers II** 409200/409300
Grade level 10–12. Two semesters.
Prerequisite: Spanish for Fluent Speakers I or teacher recommendation.

This course builds on students’ ability to use the basic communicative structures presented in SFS I. The course emphasizes continued vocabulary development and development of communicative functions to enhance oral communication skills.

### GENERAL ELECTIVES

**Aide** 910000–910008
Grade level 9–12. One semester.
Prerequisite: Instructor’s permission.

Provides meaningful work experience in the field of education. A program will be established cooperatively with the student, the instructor and the department chairperson. The student aide program also provides experience in the following areas: office, guidance office, library and IMC, nurse’s office, science labs and tutoring. The student may select the area of interest provided he or she has the approval of the appropriate staff member and the department chairperson. The student may select only one of the above areas in any given semester and may earn no more than one credit per year as a student aide.

**AVID-Advancement Via Individual Determination** 998100
Grade level 9–12. One semester.
Prerequisite: 2.0–3.5 GPA, student/parent contract, one honors or AP class in schedule or willingness to take class.

The mission of the AVID class is to ensure that all students, especially the least served student in the middle, will succeed in a rigorous curriculum, complete a rigorous college preparatory path, enter mainstream activities of the school, increase their enrollment in four-year colleges and become educated and responsible participants and leaders in a democratic society. AVID students are required to maintain an AVID binder, take Cornell notes in each class, take one college entrance exam each year, complete all homework assignments, commit to studying outside of school each day, participate in community service, attend school, be on time and behave as a good citizen. May be taken 8 times.

**Comp, Skill Blind** 999300
Grade level 7–12. One semester.
Prerequisites: Certified Blind/Visually Impaired.

The student will learn skills to compensate for the lack of vision (typing, abacus, organization skills, Braille, handwriting, slate and stylus, listening skills, computer and/or other skills as appropriate). The course addresses individual student needs. The course is repeatable and becomes more advanced with each repetition.

**Cooperative Work Experience** 899000
Grade level 10–12. Four semesters maximum.
Prerequisite: 16 years of age/enrolled in a related special ed. class.

This is a program in which a student is employed or trained in an occupation directly related to his/her career choice and/or vocational interest. The student receives paid, on-the-job training for a minimum of 15 hours a week. The job serves as a practical laboratory for reinforcing the “in-school class.”

**Independent Study** Varies
Grade level 10–12. One semester.
Prerequisite: See Curriculum Principal for specific course numbers and forms. This applies to all subject areas.

The program in Independent Study is for the student who has the self-discipline and interest for work. Each student will design the course of study according to choice, interest, ability
and intent in relation to the school’s philosophy and policies. Independent Study promotes self-reliance, initiative and intense inquiry without a structured classroom situation. It is available to any student who can meet the requirements for enrollment. Independent Study for credit, must be initiated by the student. The student should decide on a program to follow and write a project proposal which will include an outline or description of those items included in the Independent Study Course Proposal Form. Student must work under the direction of an in-house certificated teacher.

**Lead Facilitator for Transitions** ............................. 941000
Grade level 9–12. One semester.
Prerequisite: Application required.

This is a class where students design and lead experientially-based lessons aimed at helping students who are new to their schools to transition successfully to their school and learn skills instrumental in aiding their future life transitions. The course may be repeated once for elective credit.

**LS 1 Communicate 9-12** ................................. 998230
Grade level 9-12. One semester.
Prerequisite: IEP.

This course is designed to support students enrolled in a Life Skills 1 program with functional communication skills across settings; within school and community. Students will improve their academic, social and work related communication skills as addressed in the IEP. The course is repeatable for general elective credit.

**LS 2 Communicate 9-12** ................................. 998231
Grade level 9-12. One semester.
Prerequisite: IEP.

This course is designed to support students enrolled in a Life Skills 2 program with functional communication skills across settings; within school and community. Students will improve their academic, social and work related communication skills as addressed in the IEP. The course is repeatable for general elective credit.

**LS 1 Work Experience 9-12** ............................. 980430
Grade level 9-12. One semester.
Prerequisite: IEP.

This course is designated as a transitional skills class for students with an IEP and enrolled in a Life Skills 1 program. Students will participate in individual and group activities designed to develop vocational skills at the high school level. Emphasis will be on the vocational areas identified on the IEP. This course is repeatable for general elective credit.

**LS 2 Work Experience 9-12** ............................. 980431
Grade level 9-12. One semester.
Prerequisite: IEP.

This course is designated as a transitional skills class for students with an IEP and enrolled in a Life Skills 2 program. Students will participate in individual and group activities designed to develop and increase vocational skills at the high school level. Emphasis will be on the vocational areas identified on the IEP. This course is repeatable for general elective credit.

**Math Peer Tutor** ................................. 940200
Grade level 11-12. One semester.
Prerequisite: Must have completed Algebra I and Geometry with a grade of A or B and must be recommended by their current math instructor or the math department chair.

The Math Peer Tutor will work under the guidance of the classroom teacher and work with students during their math class to help “fill in the gaps” that impede their math progress. The specific goals for the tutor are to provide the student enrolled in the math course a means for regaining control of their math performance and learning, encourage the math students to become intellectually independent and responsible learners and help the math students see the “big picture.” The course may be repeated four times for elective credit.

**Model Facilitator for Transitions** ............................. 941100
Grade level 9–12. One semester.
Prerequisite: Application required. Successful completion of at least one semester of Lead Facilitator for Transitions class.

The purpose of this course is to provide further training and facilitation skills to those students who have shown exceptional leadership skills as Lead Facilitators for the Transitions class. These students design and lead experientially-based lessons and provide leadership to their fellow facilitators at a more advanced level. The course may be repeated once for elective credit.

**Mentorship** ................................. 996500
Grade level 9–12. One semester.
Prerequisites: Certified gifted.

The student is paired with a professional or expert for a set period of time, to study special interests or to meet a need that is not provided for in the regular school program. An outline of activities will be arranged for each individual education plan. May be taken 8 times and either for pass/fail or a letter grade.

**Orientation and Mobility** ............................. 999400
Grade level 8–12. One semester.
Prerequisites: Certified Blind/Visually Impaired.

Orientation and mobility instruction is designed to enable the blind/visually impaired student to utilize remaining senses to maintain orientation within an environment and to travel efficiently and safely within an environment. Instruction is provided in proper use of a sighted guide, self-protective skills, concept development, use of a long cane and/or use of electronic travel aids. Individualized student goals and objectives will be stated on each student's IEP and will vary among qualifying students according to present skills and future needs. This course will be repeatable with higher levels of independent travel skills emphasized with each repetition.

**Riflery** ................................. 978000
Grade level 9-12. Quarter/Semester
Prerequisite: Parental permission

National Rifle Association indoor qualification course of fire is used. Teaches prone, kneeling and standing position using an air rifle that is provided by the school.
School Government .......................... 970100/970200
Grade level 9–12.
Prerequisite: Students who are elected to school government will be members of the class.

This course deals with the problems of government, specifically school government. The class will cover varied areas of social studies; government, economics, sociology and psychology. They will work in the area of establishing a more effective representative government of student bodies. May be taken 8 times.

Service Learning for Student Facilitators ........ 996200
Grade level 10-12. Online course, open enrollment.
Prerequisite: Active participation in a community service program, parental permission and instructor’s approval.

This course is designed to promote social and emotional learning for students involved in school-based community service while further developing their leadership and facilitation skills. Participating students will be expected to serve 60 hours of community service, attend 20 hours of facilitation training, complete reading response assignments, participate in a collaborative journaling and design and implement a service learning project. Since this is an open enrollment course, it is not a course that can be included for calculating eligibility or full-time student status. Students will have two consecutive semesters to complete all coursework to be eligible for a .5 elective credit. May be repeated 4 times.

Study Skills 9-12 .............................. 992000
Grade level 9-12. One semester.
Prerequisite: IEP.

This course is designated for students with an IEP. Students receive direct instruction in study skill strategies and assignments to reinforce the correct implementation of these skills. Students will also be offered time each day to work on their content area class work. This course may be counted for up to 1.0 English elective credit and then counted as general elective credits.

Work Experience 9-12 .......................... 980400
Grade level 9-12. One semester.
Prerequisite: IEP.

This course is designated for students with an IEP. The work experience program will grant special education students credit for working and learning on the job. The program grants credit to students that are legally employed and earning a paycheck. Credit may also be granted to students that volunteer with a legitimate non-profit organization or government office. This course is repeatable and students can earn .5 general elective for every 112.5 hours worked. Hours are counted in a semester only and are not carried over from one semester to the next.

Yearbook ........................................ 967100/967200
Grade level 9–12. No English credit.
Prerequisite: None.

This open elective course provides experience in design, preparation, production and finance of the school yearbook, with emphasis on photography, copy writing and layout. This course demands student responsibility in order to meet publisher’s deadlines. Students should expect to spend time outside class on this activity. The course may be offered through any department and does not grant English credit. Students may repeat Yearbook for general elective credit. May be taken 8 times.
2007-2008
King Career Center
Alternative Academic Credits and Course Descriptions
Students can earn 1½ credits for each KCC course. For the courses listed below, a portion of that credit can be applied toward specific graduation requirements.

**Tech Prep/TO**  Tech Prep is an articulation agreement between the Anchorage School District and post-secondary education institutions such as the Art Institute of Seattle, Skagit Valley College, University of Alaska Anchorage (UAA), University of Alaska Fairbanks, UAF/TVC, Wayland Baptist University or various trade organizations*. ASD students can earn lower division college credit when successfully completing high school tech/prep courses or other advancements with the trade organizations. With the ASD-UAA articulations, a small registration fee and successful completion of the ASD course will earn students a credit recorded on their permanent college transcript. College credits provide a head start toward a post-secondary certification or degree, are transferable to other universities or colleges, and activate the services for prospective students provided by the

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<thead>
<tr>
<th>Courses</th>
<th>Tech Prep: College Credit/Trade Organization (TO)</th>
<th>English</th>
<th>PE/Health</th>
<th>Math</th>
<th>Life Science</th>
<th>Physical Science</th>
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<td>ART INSTITUTE OF SEATTLE</td>
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<td>Natural Resources Management 871000 FALL: Alaska resources</td>
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<td>Public Safety &amp; Security 821700</td>
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<td>Tourism 865000 SPRING: airline industry</td>
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<td>Welding 846600</td>
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* Trade organizations include: Anchorage School District, Art Institute of Seattle, Skagit Valley College, University of Alaska Anchorage (UAA), University of Alaska Fairbanks, UAF/TVC, Wayland Baptist University.
### Alternative Academic Credits

University's advising and counseling office. Tech Prep agreements with other institutions or organizations may vary. The second column indicates which KCC courses presently have Tech Prep/TO agreements. For more detailed information, please contact Tech Prep, 786-6464.

* The following trade organizations have articulation agreements with ASD: Alaska Joint Electrical Apprenticeship and Training Trust; Alaska Operating Engineers/Employers Training Trust; Associated Builders and Contractors of Alaska, Inc.; Ironworkers Local Union 751; Maintenance Repairer, Industrial Apprentice Program; and Southern Alaska Carpenters Union Training Center.

### Explanation of credits

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- ½ English credit (½ credit maximum)

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- ½ Math per semester (1 credit maximum) and ½ Physical Science per semester (1 credit maximum). Math and Science credit can be earned concurrently.

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- ½ Physical Science (1 credit maximum)

* NOTE: ½ English credit awarded at completion of two semesters only. (½ credit maximum)

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- ½ Math credit (1/2 credit maximum)

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- ½ Math per semester (1 credit maximum)

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- ½ Physical Science per semester (1 credit maximum)

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- ½ Social Studies elective (½ credit maximum)

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- ½ Life Science (½ credit maximum)

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- ½ Life Science (½ credit maximum)

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- ½ PE/Health (½ credit maximum), and ½ Life Science per semester (1 credit maximum). Health and Life Science credit can be earned concurrently.

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- ½ Life Science per semester (1 credit maximum)

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- ½ Life Science (1 credit maximum)

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- ½ Math per semester (1 credit maximum)

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- ½ Physical Science and ½ Social Studies elective; credit can be earned concurrently. Fall semester not repeatable. **Alaska Studies credit awarded at completion of one year only. (½ credit maximum)

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- ½ Physical Science; and ½ Social Studies elective; credit can be earned concurrently. Spring semester not repeatable. **Alaska Studies credit awarded at completion of one year only. (½ credit maximum)

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- ½ Economics credit (½ credit maximum)

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- ½ Social Studies elective per semester; Fall (hotel) semester not repeatable.

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- 1 credit maximum. Spring (airline) semester not repeatable.

### NCAA (National Collegiate Athletic Association)

KCC courses do not meet eligibility criteria for students planning to participate in NCAA activities at the post-secondary level. The NCAA does not consider vocational courses when calculating academic credit for purposes of athletic participation.

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- 1 credit maximum. Spring (airline) semester not repeatable.
King Career Center requires six (6) credits and 10th grade standing for participation. Any exceptions require KCC administrative approval. Students spend three periods at KCC and receive ½ credits for each semester of work completed. Students who receive a D or F may not repeat the same class. Many courses offer alternative academic credits, see chart on p. 62. Enrollment in OJT classes require teacher permission and students must meet certain criteria established by KCC. KCC courses do not meet eligibility criteria for students planning to participate in NCAA activities at the post-secondary level. The NCAA does not consider vocational courses when calculating academic credit for purposes of athletic participation.

Advertising, Art and Design ....................... 842200
Grade level 11-12. One semester.
May be taken 2 times with a “C” or better in order to advance.
Advertising, Art and Design OJT .................. 842500
One semester.

This course is designed for the student interested in acquiring entry-level skills in the commercial art field. In the first semester, students are introduced to typography, advertising approaches, color and design theory, illustration, magazine and packaging layout and design, marketing, newspaper layout, symbols and logo design. Students are also assigned computer production jobs to complete within the working parameters of time and standards of quality. In the second and third semesters, students receive an in-depth study of practices common to an advertising design studio. Students develop advanced layout and computer graphic skills using Adobe InDesign, Adobe Photoshop and Adobe Illustrator programs. All students will complete a portfolio of assigned projects which demonstrate a mastery of basic entry skills in one of the following areas: airbrush/illustration, advertising, marketing, computer graphics and desktop publishing, architectural design, and industrial design using 2D and 3D software. Professionalism is emphasized every day.

Job entry opportunities:
Interior design, advertising, product design, fine art, fashion design, transportation design, furniture design, cartoon illustration, movie making, airbrush, architecture, package design, illustration, desktop publishing, art direction

Aviation Maintenance Technology OJT .............. 840900
Grade Level 11-12. 1 semester.
May be taken 3 times with a grade of “C” or better to advance.

Automotive Maintenance Technology OJT ......... 841200
1 semester

Automotive Maintenance Technology is designed to acquaint the student with the basic principles, operation, and maintenance of the automobile through the coordination of classroom and shop activities in which theory and practical skills are learned. The course includes the study of the following systems: fuel systems, suspension and steering, electrical systems, brakes, cooling and lubrication, engines, engine performance and tune up, engine service and repair. These eight automotive systems are taught over the course of three semesters so that students taking second and third semesters will be covering new material. Purchase of safety glasses and coveralls is required.

Job entry opportunities:
Specialty shops, department store auto service centers, tire centers, auto parts stores

Aviation Maintenance Technology .................. 840100
Grade Level 11-12. One semester.
May be taken 4 times with a grade of “C” or better to advance.

Aviation Maintenance Technology OJT ............. 840500
One semester.

This is a 4-semester program taught at the University of Alaska Aviation Complex at Merrill Field. Different subject matter is covered each semester. Students can earn college credits.

AMT students learn repair and maintenance of aircraft in four subject areas: welding, fabric and finishing, sheet metal and engine theory. Additionally, students will learn about aircraft hardware and lock wire as well as basic aerodynamics or how aircraft fly.

Students must purchase leather gloves for welding class. All other supplied safety equipment use is mandatory.

Job entry opportunities:
Entry level line attendant, baggage handler, mechanics helper
Aviation Technology ................................. 840600
Grade Level 11-12. 1 semester.
May be taken 2 times with a grade of “C” or better to advance.
Aviation Technology OJT .............................. 840800
1 semester
This 2-semester program is taught at a satellite location, utilizing the University of Alaska Aviation Complex at Merrill Field. Different subject matter is covered each semester and students will earn science and elective credit. UAA college credit is also available.

Aviation Technology introduces students to numerous careers available in the air transportation industry. First semester students will focus on many of the knowledge areas required by the FAA Private Pilot Written Exam, to include aerodynamics, aircraft systems, weather reports, navigation, and the FARs. Students will demonstrate acquired flight skills in a state of the art flight simulator. Second semester students will learn the importance of good communication and teamwork required by Air Traffic Control. They will learn airspace, weather, and equipment requirements, and will experience an advanced air traffic control tower simulator. Students will also learn about lighting, signage and markings required for various types of airports, and will be introduced to the demands of funding, designing, constructing and maintaining an airport. All knowledge areas will encompass the requirements of the FAA written exam. There is some overlap of information between semesters.

Students will develop a scholarship folder, prepare a résumé and learn job skills as they visit a variety of aviation-related job sites. Second semester students may be eligible to participate in job-shadowing. Community service will be strongly encouraged.

Job entry opportunities:
Entry level position/cargo operations, entry level position/fixed based operations (fbo), line/ramp personnel, customer service/front desk personnel

Body/Fender Repair ................................. 841300
Grade Level 11-12. One semester.
May be taken 4 times with a grade of “C” or better to advance.
Body/Fender Repair OJT .............................. 841700
One semester
Students in Body/Fender will learn metal straightening, plastic filler application, body panel replacement, sectioning, minor frame repair, auto body alignment, and glass replacement. Shop refinishing practices include surface preparation, mixing and applying paint, complete vehicle refinishing and blending. Second through fourth semester students will be expected to complete course work and projects at an advanced level and to demonstrate competencies in skill areas not covered in the previous semesters. Qualified advanced students may be eligible for OJT in the third and fourth semesters. Students must purchase safety glasses.

Job entry opportunities:
Lot attendant, car wash, shop clean up, paint delivery person, paint mixer, bodyman’s helper, repair technician helper, painter’s helper, apprenticeship

Business Technology ................................. 854800
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.
Prerequisite: Successful completion of at least one semester of computer keyboarding.

Business Technology OJT .............................. 855000
One semester. May be taken 2 times.

The need for qualified office workers continues to increase annually. In Business Technology students learn to use network computer systems, various software packages such as the Microsoft Office Bundle, Adobe Web Standard CS3, Adobe Photoshop Elements and Premier and other office equipment. In addition, they learn to prepare a perfect résumé, dress professionally, and conduct themselves in a businesslike manner. During the first semester students will become familiar with Microsoft Office at the specialist level as well as learning photo manipulation and basic web design. Students will have the opportunity to earn University of Alaska Anchorage credits while they are in class through the Tech Prep program for a minimal fee. It is possible to earn 10 credits if a student takes Business Technology for two semesters.

Second semester students may earn one-half English elective credit to be applied toward graduation by completing numerous projects, newsletters, spelling drills and word usage. Students will have the opportunity to present visually, on hard copy, and by audio various projects using the different Microsoft Office programs such as Word, PowerPoint, Excel, Access, and Publisher, merging both computer and English skills. The second semester student will learn Microsoft Office at the expert level, rebuild, edit, add, and maintain web pages with multimedia capabilities.

Industry certification is becoming more and more important each year. Business Technology is able to test for two different, world recognized, certifications at the King Career Center for a minimal fee. Microsoft Office Specialists (MOS) and Internet Computer Core Certification (IC²) certifications will be offered to students.

Job entry opportunities:
Court clerk, typist/word processor, general office clerk, customer service representative, insurance clerk, file clerk, order clerk, library assistant, personnel clerk, credit and loan clerk, data entry operator, office machine operator, receptionist, telephone operator, hotel desk clerk, mail clerk, basic web designer

Carpentry ............................................. 841800
Grade level 11-12. One semester.
May be taken 3 times with a grade of “C” or better to advance.
Carpentry OJT ........................................ 842100
One semester.

Students will receive primary training in residential and light commercial construction methods. The course is taught using the recognized Occupational Skill Standards for the National Center for Construction Education and Research (NCCER). The first section covers Core Construction Curriculum with the second section covering Carpentry Level One Curriculum. Training is accomplished with the latest in power tools, materials and technology available in the construction industry.

Carpentry OJT
Students will complete written tests and performance evaluations on certain aspects of the trade. Passing these evaluations may earn certification and national registry with NCCER. Second and third semester students need to show self-motivation and will be expected to work independently on advanced carpentry projects, while also keeping a journal with daily work records. Second semester students will aid in tool and machine demonstrations. Purchase of safety glasses is required.

Job entry opportunities:
Carpentry—residential and commercial, roofing, materials distribution and sales, building maintenance, union apprenticeship programs

**Computer Electronics Technology** 824500 824900
Grade level 11-12. One semester.
May be taken 4 times with a grade of “C” or better to advance.
Prerequisite: Algebra with a grade of “C” or better.

**Computer Electronics Technology OJT**
One semester.

This course integrates extensive hands-on activities with math and interactive computer programs to emphasize basic electronics theory and application. Each semester the subject matter is different and cumulative and can be used for science, math and elective credit. Students can earn college credits.

1st semester: Personnel skills to include careers, business ethics, and dealing with customers. Basic D.C. electricity which includes safety, soldering, schematics, series and parallel circuits, tools, components, cabling and test equipment. Also includes computer basics, building and troubleshooting. 2nd semester: Complex D.C. circuits, digital electronics, introduction to A.C., home theater and sound systems, robot building and introduction to computer networking. 3rd semester: Advanced A.C., wireless communication, advanced audio and video systems and advanced computer troubleshooting. 4th semester: Usually OJT and/or special advanced projects.

Job entry opportunities:
Cable/satellite TV installer, computer sales, personal computer setup and repair, network troubleshooting, electrical apprenticeship

**Computer Science** 854100
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.
Prerequisite: Type 30 w.p.m. Good math skills necessary.

**Computer Science OJT** 854300
One semester. May be taken 2 times.

The computer science program gives students the opportunity to develop a broad range of computer skills. The first semester program provides an integrated approach to attainment of the nationally recognized certification known as A+ Certification which incorporates maintaining, troubleshooting and repairing computer hardware and software.

Second semester students will explore various hardware and software topics such as Net+ Certification (a nationally recognized certification in networking fundamentals), HTML and web design, and beginning programming. Independent studies can be explored with instructor’s approval. Second semester students should be able to work independently and be self-motivated to achieve their course goals. Computer Science has a Tech Prep agreement with UAA for students to earn college credits.

Job entry opportunities:
Help desk support specialist, computer installer, computer repair specialist

**Construction Electricity** 843000
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.

**Construction Electricity OJT** 843200
One semester.

The first part of this course covers the Core Construction Curriculum established by the National Center for Construction Education and Research (NCCER). Six areas of construction covered include basic safety, introduction to construction math, introduction to hand tools, introduction to power tools, introduction to blueprints and basic rigging. Using the Electrical Trainee Guide for NCCER, students will then cover electrical safety, electrical fasteners and anchors, electrical theory one and two with the course then focusing on residential house wiring. Second semester students will cover electrical test equipment, introduction to the National Electrical Code, conduit bending, wiring for raceways, boxes and fittings, and both commercial and advanced residential wiring. Purchase of safety glasses is required.

Job entry opportunities:
Electrical counter sales, intern electrician, IBEW apprenticeship (after graduation), small appliance repair

**Cosmetology** 881000
Grade Level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance

**Cosmetology OJT** 881400
One semester.

Cosmetology is a job-oriented course of instruction with all hours accumulated toward the 2,000 hours required for Alaska state licensing for students who choose to have their hours and operations documented. The hours and operations earned are transferable if they should transfer to another school within Alaska.

In the second through fourth semesters, students focus for the state board exams by increasing their speeds and accuracy on the practical subjects learned in the first semester. They begin to learn about chemicals used in the salon and will be learning hair coloring, hair lightening, permanent waving, hair straightening (relaxing), hair cutting, fingerwaving and salon management.

If student desires hours and operations to be recorded for Alaska State Certification, a fee is required.

Job entry opportunities:
Cosmetologist, cosmetic sales, make-up technician, color technician, perm specialist, hair cutting specialist, esthetician, manicurist, salon receptionist

**Culinary Arts** 831100
Grade level 11-12. One semester.
May be taken 3 times with a grade of “C” or better to advance
Culinary Arts OJT .......................... 831400
One semester.

This program is designed to introduce students to the skills necessary for success in a career in the art of preparing fine cuisine. Cooking instruction includes American regional, European and Asian cuisines. Students are expected to prepare and serve lunch daily in the KCC cafeteria. Students can earn college credits.

Baking instruction includes basic, advanced and classical pastry. Production includes scratch rolls, pastry and desserts.

The use and care of state-of-the-art tools and equipment are part of the curriculum. Qualified students will be eligible for on-the-job training. Second semester students are sous chefs for their respective stations and, as part of a team, are required to plan, organize and cook foods from specific world and American regions. Third semester students are sous chefs responsible for all production and must present American region dishes solo.

Students must purchase their own cook's hats from the KCC financial data control clerk.

Job entry opportunities:
Cook, baker, camp/lodge cook, caterer, food server; host/hostess

Early Childhood Education ..................... 830300
Grade Level 11-12. One semester. Second semester may be taken with a grade of “C” or better to advance. ................. Prerequisite: None, however course work in Child Development and/or Psychology is helpful. Students are required to complete a physical and background check within first week of enrollment.

Early Childhood Education OJT ................... 830500*
One semester. May be taken 2 times.

The Early Childhood Education Program provides students an opportunity to work and learn about young children. Students work in a nationally accredited early childhood preschool under the supervision of two early childhood instructors. Municipal licensing law requires all students to have a current physical and background check. Students are also required to complete an application signed by their parents stating they have not committed a crime of “moral turpitude.” Students learn child development and classroom skills in supervising and teaching young children ages 3-5 years. The first semester curriculum includes: health and safety, guidance and parenting. Students enrolled in the second semester will continue their study of child development focusing on setting up a quality learning environment and creative development of young children. Students can earn college credits.

Job entry opportunities:
ASD kindergarten teacher assistant, ECE teacher aide, pre-K teacher aide, special education aide, recreational leader, after-school program assistant

Emergency Medical Technology .................. 895000
Grade level 11-12. One semester.

Emergency Medical Technology OJT ............. 895100
One semester. May be taken 2 times.

Emergency Medical Technology (EMT) students learn to work as part of a professional pre-hospital medical team. This is a state health department approved course in which qualifying students can test for EMT-1 certification following the course. Students also have the option of receiving college credits through the University of Alaska Anchorage by successfully completing the program and paying the required UAA fees.

Students in this program are evaluated on the basis of written test scores, mastery of skills, professionalism, and participation in internship opportunities. The internship component involves participation in 22 hours of activities related to emergency services outside of class. Internship opportunities are coordinated through the instructor and can be scheduled to fit students’ schedules. These experiences are critical because of the difficulty to demonstrate real-life situations in the classroom and emergency service careers all involve public service.

Job entry opportunities:

Professional ski patrol, EMT private ambulance service, EMT volunteer fire department, emergency room technician

Health Occupations ............................. 891000
Grade level 11-12. One semester.

Prerequisite: Biology with a “C” or better is recommended
May be taken 2 times with a grade of “C” or better to advance

Health Occupations OJT ......................... 891200
One semester. May be taken 2 times.

Health Occupations is designed to familiarize students with the wide varied careers in the medical, dental, veterinary and mental health professions. Students will learn skills necessary for employment in entry level health care professions. Coursework includes instruction in anatomy and physiology, medical terminology, medical ethics and liability, OSHA blood borne pathogens standards, HIPAA regulations, CPR and first aid certification, medical office procedures and medical laboratory skills.

Second semester students will expand their understanding of human anatomy and medical terminology. Students will then learn medical assisting skills specific to patient examination, diagnostic procedures, specimen collection, laboratory procedures, infection control, medical asepsis and the extensive clerical duties of the medical office.

Job entry opportunities:

Physician’s office, hospitals, extended care facilities, home health care, dental clinic, veterinary clinic, first care clinics

Horticulture & Landscape Design .................. 897500
Grade Level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.

Horticulture & Landscape Design OJT ........... 897700
One semester. May be taken 2 times.

Horticulture provides training in the fields of landscaping, floriculture, turf, garden center, nursery and greenhouse operations, tree service work, and athletic field maintenance. Also included is plant identification, physiology, propagation and computerized landscape design. Students will also be responsible for operating and maintaining a commercial greenhouse located on school grounds.

First semester students will explore various fields within horticulture, study and explore play physiology, landscape design principles, and complete guided projects and experiments. Second
semester students will study plant physiology and reactions to greenhouse environments in-depth, horticulture fields of personal interest, complete independent projects and experiments as well as research cultural requirements of crops grown in the school greenhouse. Students also visit local sites to gain knowledge in area educational and employment opportunities.

**Job entry opportunities:**
Retail floral shops, wholesale floral houses, landscaping, garden centers, lawn care operations, golf course grounds maintenance, tree service companies, amusement park grounds maintenance, greenhouse operations

**Masonry** .......................... 844000
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.

**Masonry OJT** .......................... 844200
One semester.

The first part of this course covers the Core Construction Curriculum established by the National Center for Construction Education and Research (NCCER). Six areas of construction covered include basic safety, introduction to construction math, introduction to hand tools, introduction to power tools, introduction to blueprints and basic rigging. The masonry program then provides instruction on the proper layout, preparation and finishing of concrete footings and block foundations. Students will practice building block walls and corners as well as working with concrete forms, slabs and cement finishing techniques. Drywall installation, taping, finishing and texturing with minor drywall repair may also be covered. Second semester students will be required to use the masonry skills acquired first semester to complete projects and assignments on an advanced level. Purchase of safety glasses is required.

**Job entry opportunities:**
Concrete laborer, concrete finisher, block mason, brick and tile setter, journeyman mason, drywall apprentice, drywall contractor, drywall finisher

**Natural Resources Management** .......................... 871000
Grade level 11-12. One semester.
Fall semester: Alaska Resources.
Fall Alternative credits: ½ Physical Science maximum and ½ social studies elective credit (can be earned concurrently). Not repeatable.
Spring Semester: Management of Alaska Resources.
Spring Alternative credits: ½ Physical Science maximum and ½ social studies elective credit (can be earned concurrently). Not repeatable.
NOTE: ½ Alaska Studies credit awarded in lieu of social studies elective credit at the completion of two concurrent semesters only (12 credit maximum).

**Natural Resources Management OJT** .......................... 871200
Learn about and experience the beauty and mystery of Alaska while exploring careers that manage the natural resources of our state. Through classroom and outdoor skill building activities students will examine soil and water conservation, wildlife and fisheries management, and forestry and recreation in both historical and contemporary contexts. This course examines the geography, history, political and economic forces that have shaped contemporary Alaska. Course content is organized around five themes of population, land, resources, governance, and cultural landscape. The NRM program offers career pathways to Alaska resource development and conservation career fields by offering Tech Prep college credits toward degrees and opportunities for paid summer natural resource career internships.

This course is an integration of social studies and physical science with career field exploration. ASD’s Alaska Studies curriculum is taught when fall and spring semesters are taken consecutively. This course includes a review of the history and the political and economic forces that determine contemporary Alaska resource development decisions and other issues confronting the state.

**Job entry opportunities:**
Landscaping, tree service companies, greenhouse operations, forestry aide, environmental specialist, environmental interpreter, guide assistant, campground and park aides

**Photography** .......................... 885200
Grade Level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.

**Photography OJT** .......................... 885400
One semester.

The Photography program is an intensive semester-based program which will take the student from the basics of black and white photography to advanced color theory, digital applications and portrait technique. Students taking the second semester will explore further the advanced applications necessary to enter a career in photography, or further their studies at the college level.

**Job entry opportunities:**
Photographer’s assistant; newspaper stringer (photographer); custom black & white technician, publications assistant, photographer, photo counter clerk, fast photo technician

**Public Safety and Security** .......................... 821700
Grade Level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.

Certification: CPR; First Aid; others as age appropriate

Students will study the history of the criminal justice system, the three components and how they work together as well as the various role expectations within the criminal justice system. In addition to legal terminology, students will also study basic interview techniques, basic report writing, and basic firearms safety. Second semester students will be exploring the juvenile justice system, learning and conducting traffic collision investigation, a more challenging crime scene investigation and learning how to work in an emergency dispatch center. In addition, students will have a research project and oral presentation to give to first semester students.

Public Safety and Security students learn to work as part of a professional criminal justice team. Students in this program are evaluated on the basis of written test scores, master of skills, professionalism, daily progress and internship participation. Community work service is a requirement with 15 hours of activities related to law enforcement, law, corrections or security.
Community work service is coordinated through the instructor and can be scheduled to fit student's schedules.

**Job entry opportunities:**
- Private security, corporate security, school security, military police, police records clerk, court clerk.

### Radio and Television Production 885500
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.

**Radio and Television Production OJT 885700**
One semester.

Creative students will explore broadcast radio and television while learning how to produce, direct and star in movies. This fun and exciting class will prepare students interested in working in front of or behind the camera. Other students will learn how to “DJ” and play songs from a playlist. OJT students gain added experience by working at Anchorage’s top TV and radio stations.

Returning students will be in charge of managing and overseeing various radio and TV productions. These students will also be responsible for independent community media projects. Returning students will also act as professional role models in all aspects of radio/TV production and are assigned to new students as supervisors for evaluation purposes.

**Job entry opportunities:**
- TV producer, TV director, camera operator, editor, production assistant, special effects designer, tape operator, disc jockey, record producer, recording engineer, sound technician, radio producer, radio board operator, producer, director, screenwriter, camera or sound operator, actor

### Rescue Technology 895500
Grade level 11-12. One semester.

**Rescue Technology OJT 895600**
One semester. May be taken 2 times.

The goal of rescue is to locate and access injured or trapped victims, stabilize the emergency situation, and transport the patients to safety while managing any injuries and avoiding additional risk or injury to the patients, rescuers or the public. The goal of this course is to provide the skills and knowledge necessary to participate in a wide variety of rescue operations while insuring safety.

Types of rescues discussed will include water rescue, vehicle crashes, high-angle technical rescues, fire rescues, hazardous materials, rescues from confined spaced and collapsed structures, and rescues at large scale disaster scenes. Students will follow guidelines set forth by the International Fire Service Training Association, OSHA, FEMA, and the National Incident Management System (NIMS) while training.

Teamwork and professionalism are essential parts of this class, as they are at real-life rescue scenes. It is primarily a practical course that emphasized the importance of hand-on training and skills. The skills-based learning will be supplemented by lectures, discussions, and online coursework.

Students can receive three college credits through the University of Alaska Anchorage for Rescue Practices which can be applied towards a degree in Fire and Emergency Services. Successful completion of this course can also be applied toward admission to the Ironworkers Apprenticeship Program. Assistance in placement into jobs and/or advanced training programs is available through the class.

**Job entry opportunities:**
- Security personnel, volunteer firefighter, emergency dispatcher

### Retail Merchandising 867000
Grade level 11-12. One semester.
May be taken 2 times with a grade of “C” or better to advance.

**Retail Merchandising OJT 867200**
One semester.

As a member of DECA (an international association of marketing students) you participate in community service, develop leadership skills and become eligible for over $250,000 in scholarships! As an owner/employee of two businesses, students can earn exciting rewards for achievements. National certification in customer service with the National Retail Federation is available.

**Job entry opportunities:**
- Sales associate, visual merchandiser, window dresser, manufacturer’s representative, advertising representative, stock clerk, assistant buyer, receiving clerk, event management assistant, floor manager, event planner assistant

### Small Engines 846000
Grade level 11-12. One semester.
May be taken 3 times with a grade of “C” or better to advance.

**Small Engines OJT 846300**
One semester.

Small Engines students will learn how to repair gasoline engines used in power boats, motorcycles, ATVs, snowmobiles, chainsaws and garden equipment. Instruction includes locating the source of trouble with engines, using appropriate hand tools and instruments, dismantling of engines and drive systems for examination of parts (such as rings and bearings) and using the proper tools. Adjustments of carburetors, magneto’s and ignition systems are also included. Students will be expected to learn how to maintain appropriate business records and parts inventory and to determine the cost of materials and labor charges. Second and third semester students will advance to two cylinder engines, and then continue to work on four wheelers, snow machines and outboard motors. All advanced students need to be motivated and able to work independently on engine troubleshooting and making repairs according to industry standards. Purchase of safety glasses and coveralls is required.

**Job entry opportunities:**
- Small engine shops, motorcycle/snowmobile shops, department service centers
Tourism....................................................... 865000
Grade level 11-12.
Fall semester: Hotel industry. Not repeatable.
Spring semester: Airline industry. Not repeatable.
Tourism OJT.................................................. 865200
One semester. May be taken 2 times.

The Tourism program uses curriculum that is developed for professional certification by the American Hotel and Lodging Association. It is designed for high school students to acquire skills necessary for entry level hotel and lodging careers. Students will also study destination geography, communication and customer service skills, public speaking, marketing and job search skills. Additionally, spring semester students will study the travel-related tourism industries: airline, rail, tour companies and cruise lines.

Fall Semester: Instruction in hotel operations, theory, industry vocabulary, computer reservations and rooms managements.

Spring semester: Exploration of the tourism transportation industries such as airline, railroad and cruise travel as well as related career opportunities. Hospitality industry-banquet and meeting room sales. Leadership, teambuilding and management skills.

Job entry opportunities:

- Hotel reservations, hotel front desk, hotel housekeeping, hotel gift shop, car rental agent, agency courier, agency receptionist, airline reservations, airline receptionist, airline ticket agent, airline baggage agent, tour guide, customer service representative for a tour company

Welding....................................................... 846600
Grade Level 11-12. One semester.
May be taken 3 times with a grade of “C” or better to advance.
Welding OJT.................................................. 846900
One semester.

The welding program provides training in the fundamentals of welding processes used to fabricate metal. Instruction is given in the areas of oxy-fuel cutting (OFC), shielded metal arc welding (SMAW), MIG and TIG welding, blueprint reading, fabrication of weldments, welding symbols, plus experience using a plasma arc cutter, grinder, drill, arc welding machines and other shop-related equipment. Second and third semester students will be learning advanced fabrication and welding along with aluminum welding using the GTAW and GMAW processes. Student assignments will require the use of all the various welding skills learned during first semester and these advanced projects are to be completed using accepted fabrication and welding industry standards. Students can earn college credits.

Safety glasses, leather boots and gloves are required. Welding helmets and cutting goggles are supplied.

Job entry opportunities:

- Tack welder, production welder, welder/fitter, robotic technician, inspector, welding foreman, welding technician, job or fabrication shop owner, equipment sales

Co-op Work Experience.................................. 899000
Grade Level 11-12. One semester.
May be taken 4 times with a grade of “C” or better to advance.
Prerequisite: 16 years of age

This program is for students attending the King Career Center (KCC) who have part-time jobs after school that relate directly to their current KCC class. A coordinator may be able to assist students in finding employment relating to the program in which they are enrolled. Students must provide their own transportation or be willing to ride the People Mover and must be paid at least state minimum wage. Students earn one elective credit per semester for the work experience in addition to one-and-one-half credits for their KCC class. A minimum of 225 hours of verified work experience per semester (at least 15 hours a week for the entire semester) and successful completion of the related KCC course is required. A KCC coordinator will supervise students.

Work Readiness/
Vocational Assessment Program......................... 980400
Grade Level 10-12. One semester.
Alternative Credits: .5 English 9-12; 1.0 Elective

The Work Readiness/Vocational Assessment Program is for students with Individual Education Plans who are ready to begin the transition from school to work. Being “work ready” requires preparation, practice, exploration, and work experience in order to be successful in reaching their employment and vocational goals. Students have an opportunity to indicate a need or desire for a vocational assessment during their three-year evaluation of their Individual Education Plan (IEP). Transportation by bus to the King Career Center is arranged. For additional details, see your school counselor or transition coordinator.

On-the-Job Training

Students in grades 11 or 12 must have completed one or more semesters of a KCC class and must meet the following criteria: 5 or less absences for the entire semester, 3 or less tardies, a grade of “A” or “B,” and a teacher recommendation for “professionalism.”

Upon teacher recommendation, students may fill out appropriate paper-work with the OJT Coordinator and begin the application process. Students go to work each day instead of coming to KCC and will earn KCC credit.

Most OJT positions are non-paid. Students will receive training that they normally would pay for in a technical school or college.
## Appendix A

### Common paths in Science and Social Studies for Incoming Freshmen

#### Science

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
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</thead>
<tbody>
<tr>
<td>Integrated Science 9</td>
<td>Biology</td>
<td>Astronomy/Oceanography</td>
<td>KCC Science Course</td>
</tr>
<tr>
<td>Integrated Science 9</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
</tr>
<tr>
<td>Biology</td>
<td>Chemistry</td>
<td>AP or Elective Sci. Courses</td>
<td>AP or Elective Sci. Courses</td>
</tr>
</tbody>
</table>

#### Social Studies

<table>
<thead>
<tr>
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<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>World History 9-1, 9-2</td>
<td>U.S. History 10-1, 10-2</td>
<td>Alaska Studies/Economics</td>
<td>U.S. Gov’t/S.Studies Elective</td>
</tr>
<tr>
<td>World History 9-1, 9-2</td>
<td>U.S. History 10-1, 10-2</td>
<td>Alaska Studies/Economics</td>
<td>AP Course/U.S. Gov’t</td>
</tr>
<tr>
<td>Honors World History 9-1, 9-2</td>
<td>Honors U.S. History 10-1, 10-2</td>
<td>Alaska Studies and AP U.S.History or AP European Studies</td>
<td>AP Gov’t/AP Comp. Gov.</td>
</tr>
</tbody>
</table>
ASD English/Language Arts Graduation Requirements

4 credits

Graduation requirements are obtained by successfully completing one course among several options at each grade level. All courses are standards based and each addresses the needs of the student through appropriate curriculum and multi-modal delivery. Arrows indicate recommended sequence.

The following courses are reserved for students who are unable to participate in one or more of the above options, or who are in need of credit recovery. Counselor and/or administrator approval is required.

The following courses are for students who seek credit recovery or additional elective credit required for graduation. Counselor and/or administrator approval is required.

See ASD High School Program of Studies for a description of each grade level course.
ASD Mathematics Graduation Requirements

Graduation requirements are obtained by successfully completing two and a half math credits and fulfilling the Algebra requirement.

Options to satisfy the Algebra requirement:

**Option 1**
- Algebra I, 1-2
- ESL Algebra I, 1-2

**Option 2**
- Algebra A, 1-2

**Option 3**
- PreAlgebra, 1-2
- ESL PreAlgebra, 1-2
- PreAlgebra 9-12, 1-2

After the algebra requirement is fulfilled, students may choose courses to complete their two and a half credits and to seek additional credits. See *ASD High School Program of Studies* for a description and prerequisite of each course.

The following courses are for students who seek credit recovery or additional elective credit required for graduation. Counselor and/or administrator approval is required.

- Geometry, 1-2
- Informal Geometry, 1-2
- Algebra II, 1-2
- Analyzing and Displaying Data
- Integrated Math
- PreCalculus, 1-2
- AP Statistics
- Calculus AB
- AP Statistics
- Calculus BC
- Calculus C

**Online Courses**

- HSGQE MATH (Elective Credit)
- PLATO Credit Recovery
Appendix D

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

Participation in high school athletics is a privilege. All students are expected to comply with local, state, and federal laws and the rules and regulations of the Anchorage School District. Students will be subject to denial of 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, are in violation of the drug and alcohol rule, or commit criminal acts as defined in the ASD Statement of Student Rights and Responsibilities. In all cases the Superintendent or his designee retains the right to review and revise any disciplinary action.

Enrollment Rules
1. To be eligible:
   a. All first semester freshmen are immediately eligible at the beginning of the school year. At the end of the 1st quarter, they must have a 2.0 GPA to remain eligible for the remainder of the semester.
   b. All freshmen, all sophomores, all juniors, as well as seniors who are not on track to graduate and/or who have not passed all parts of the High School Graduation Qualifying Exam (HSGQE) must be enrolled in a minimum of five (5) semester units of credit, or the equivalent* that lead to granting of credit toward graduation from the school district.
   c. Seniors who are on track to graduate and who have passed all parts of the HSGQE must be enrolled in a minimum of four (4) semester units of credit, or the equivalent,* in the district or supervised by the School of Eligibility or its school district that lead to granting of credit toward graduation from the school district or the School of Eligibility. Full time seniors who are not required to take the HSGQE, and who are on track to graduate, must be enrolled in a minimum of four (4) semester units of credit, or the equivalent,* at their School of Eligibility.
   * (UAA and APU courses may be used in determining the number of courses for enrollment. Non-ASD correspondence courses do not count in determining number of courses for enrollment. King Career Center courses will be counted as three (3) semester courses.
   d. Students who did not pass 5 classes the previous semester may regain eligibility by retaking and completing the course failed prior to the next eligibility check (which is at the beginning of each school year and at the end of each quarter/semester). For purposes of this section, academic deficiencies may be made up through correspondence courses or summer school.
   e. Second-semester freshmen, all sophomores, all juniors, and all seniors must have an overall 2.0 GPA during the previous semester. Students who do not meet the GPA portion of this requirement may regain eligibility during the current semester by achieving and maintaining an overall 2.0 GPA at the end of the quarter or semester using the grades earned during the nine-week grading period.
   f. Student eligibility is checked on the first day of the fall sports season. During the remainder of the school year, all students are eligible after school on the final student day of the quarter/semester until eligibility is checked on the second Monday of the new grading period. Students regaining eligibility may practice, but not play, until eligibility is formally determined on that second Monday.
2. To be eligible a student must be in regular attendance at school classes in which enrolled. A student athlete who is truant for one or more classes or who is in attendance for less than half of the school day cannot practice or play in a contest on that day, unless excused by the principal. Student athletes who are truant the day of a practice or who are truant the day of a game yet still participate will be suspended for two games on the first offense and will be removed from the team on the second offense.

IN ORDER TO PARTICIPATE:
1. A physician's clearance to play must be on file at the school. This clearance is good for one year but must not expire during the season of the sport in which the student is participating.
2. A High School Athletic Activity Participation form must be signed and on file, and participation guidelines must be acknowledged.
3. All records must be in order and forms must be on file in the Activity Office before the student is eligible to participate in any athletic programs.
4. a. All players must have ten (10) separate days of physical practice in the same sport activity prior to the first day of competition.
   b. When a student is participating in a recognized high school sport activity that overlaps the beginning of another recognized sport season, the AASA Executive Director may waive up to five (5) practices. Students may not have practices waived for entering the sports activities of football, gymnastics, hockey, wrestling (see exception for returning Alaska high school wrestlers who are also football players) or cheerleading due to safety considerations and to the nature of these sports.
   c. If a student has completed the required practices but has not competed for whatever reason for less then two weeks, no additional practices are required before returning to competition. If a student misses between 2 and 4 weeks of practice and competition, 5 additional days of practice and the concurrence of the coach are required before returning to competition. If more than 4 weeks have been missed, the student must have ten (10) additional days of practice and concurrence of the coach before returning to competition.
   d. Member schools permitting a student to participate in interscholastic competition without meeting the practice requirements of this section will be considered to be using an ineligible player and will be subject to penalty under Article 12, Section 1 of the ASAA handbook.
Conditions of Student Participation
A. ELIGIBILITY RULES
2. Violation of the eligibility rules shall result in denial of participation.

B. DENIAL OF PARTICIPATION
1. An athlete who is removed from a team for disciplinary reasons will not be eligible to practice or play another sport during the season of that sport.
2. An athlete who is suspended from the regular school program for any reason will not be eligible to practice or play any sport during the period of suspension. A suspension ends at midnight of the final day of the suspension.
3. Any sanction imposed under these Conditions of Participation is separate and distinct from any sanction which may be proposed for violation of any other school disciplinary requirement.
4. During an appeal process the student shall not participate in the group's activities until the appeal process is completed.

C. DENIAL OF PARTICIPATION FROM TEAM ACTIVITIES FOR SPECIFIC CIRCUMSTANCES
1. An athlete with a truancy for one or more classes or in attendance for less than half of the school day cannot practice or play on that day without principal permission. Students in violation will be suspended for two games on the first offense, removed from the team on the second offense.
2. Equipment issued to an athlete is his/her responsibility for return or replacement. If the equipment is not returned, replaced or paid for, no letter shall be awarded nor shall the student be permitted to participate in any sport.
3. Denial from participating with the team for a period of time to be determined by coach/principal/and District administrators may result from the following:
   a. Insubordination; b. Obscene gestures; swearing; c. Provocation; d. Fighting; e. Stealing/Theft; f. Hazing/Initiation; g. Other disciplinary situations which may arise
4. With administrative approval, the coach may establish additional participation rules.

D. TOBACCO RULES—Violations of tobacco rules cumulative throughout school year. Students who violate the tobacco rules will be subject to the following sanctions:
   a. FIRST OFFENSE FOR POSSESSION OR USE - Loss of practice and athletic participation for ten activity days.
   b. SECOND OFFENSE FOR POSSESSION OR USE - Loss of practice and athletic participation for forty-five activity days.
   c. Students who violate the tobacco rules while under school jurisdiction are subject to suspension in accordance with Anchorage School District regulations and cannot participate during the length of the suspension.

E. DRUG/ALCOHOL RULES—Cumulative for three years from date of most recent offense. The actual or attempted sale of, use of, possession of tobacco, alcohol, inhalants, illegal drugs, substances designed to look like illegal drugs, substances purported to be illegal drugs, or drug paraphernalia shall subject the athlete to loss of practice and athletic participation.

Under School Jurisdiction
Students who violate the drug/alcohol rules will be subject to:
   a. FIRST OFFENSE FOR POSSESSION OR USE - Suspension or expulsion in accordance with Anchorage School District Regulations. Loss of practice and athletic participation during the suspension or expulsion, or for ten activity days, whichever is greater.
   b. SECOND OFFENSE FOR POSSESSION OR USE, OR FIRST OFFENSE FOR SELLING, DISTRIBUTING, OR ATTEMPTING TO SELL - Suspension or expulsion in accordance with Anchorage School District Regulations - Loss of practice and athletic participation during the suspension or expulsion.

Not Under School Jurisdiction
Students who violate the drug/alcohol rules while not under school jurisdiction:
   a. FIRST OFFENSE FOR POSSESSION OR USE - Loss of practice and athletic participation for ten activity days.
   b. SECOND OFFENSE FOR POSSESSION OR USE, OR FIRST OFFENSE FOR SELLING, DISTRIBUTING, OR ATTEMPTING TO SELL - Suspension or expulsion in accordance with Anchorage School District Regulations - Loss of eligibility for the duration of Anchorage School District attendance.
   c. THIRD OFFENSE FOR POSSESSION OR USE, OR SECOND OFFENSE FOR SELLING, DISTRIBUTING OR ATTEMPTING TO SELL - Loss of eligibility for the duration of Anchorage School District attendance.

F. CRIMINAL ACTS
Students who commit criminal acts as defined in the ASD Statement of Student’s Rights and Responsibilities will be removed from the team for the remainder of the season.
   1. The school will conduct an investigation independent of the Police.
   2. The student may appeal the finding of the investigation to the school principal.
   3. The student shall not participate in the team’s activities until the appeal process is completed.
   4. Students pay an activity fee per ASAA sport or apply for a fee waiver based on financial hardship through the school activity office.

This is not a complete list of all eligibility rules and regulations. If you have questions, please contact your activities principal.

See ASAA manual for definition of a bona fide move of parents or guardian.
The NCAA initial-eligibility rules have changed. If you plan to enroll in any Division I or Division II college or university in fall 2005 or after, please read this information carefully.

For students entering any college or university on or after August 1, 2005, your NCAA initial eligibility will be evaluated under the new rules as described on this sheet.

For students entering any Division I college or university on or after August 1, 2008, your NCAA initial eligibility will be evaluated under the 16 core-course rule as described on this sheet.

THE NEW RULE:
- **INCREASES** the number of core courses from 13 to 14. This additional core course may be in any area: English, mathematics, natural/physical science, social science, foreign language or nondoctrinal religion/philosophy. The breakdown of core-course requirements is listed below.
- **CHANGES** the Division I initial-eligibility index, or sliding scale. See the reverse side for the Core GPA/test score sliding-scale index.
- The 16 core-course rule **INCREASES** the number of core courses from 14 to 16 for Division I only. Students must complete three years of mathematics (Algebra I or higher), and four years of additional core courses. The additional core course may be taken in any area: English, mathematics, natural/physical science, social science, foreign language or nondoctrinal religion/philosophy. The breakdown of the requirements is listed below.

### DIVISION I

#### 2005-2007

- **14 Core Courses:**
  - 4 years of English.
  - 2 years of mathematics (Algebra I or higher).
  - 2 years of natural/physical science (1 year of lab if offered by high school).
  - 1 year of additional English, mathematics or natural/physical science.
  - 2 years of social science.
  - 3 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

#### 2008 and after

- **16 Core Courses:**
  - 4 years of English.
  - 3 years of mathematics (Algebra I or higher).
  - 2 years of natural/physical science (1 year of lab if offered by high school).
  - 1 year of additional English, mathematics or natural/physical science.
  - 2 years of social science.
  - 4 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

### DIVISION II

#### 2005 and after

- **14 Core Courses:**
  - 3 years of English.
  - 2 years of mathematics (Algebra I or higher).
  - 2 years of natural/physical science (1 year of lab if offered by high school).
  - 2 years of additional English, mathematics or natural/physical science.
  - 2 years of social science.
  - 3 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

**PLEASE NOTE:** For students entering college on or after August 1, 2005, computer-science courses may only be used for initial-eligibility purposes if the course receives graduation credit in mathematics or natural/physical science and is listed as such on the high school’s list of NCAA-approved core courses.
OTHER IMPORTANT INFORMATION

• In Division II, there is no sliding scale. The minimum core grade-point average is 2.000. The minimum SAT score is 820 (Verbal and Math sections only) and the minimum ACT sum score is 68.

• Students first entering a Division I or Division II collegiate institution on or after August 1, 2005, must meet the new 14 core-course rule.

• Students first entering a Division I collegiate institution on or after August 1, 2008, must meet the 16 core-course rule.

• The SAT combined score is based on the Verbal and Math sections only. The new writing section will not be used.

For more information regarding the new rule, please go to www.ncaa.org. Click on “Student-athletes and Parents” in the “Custom Home Pages” section. You may also visit the clearinghouse Web site at www.ncaaclearinghouse.net.

IF YOU HAVE QUESTIONS ABOUT NCAA ELIGIBILITY, PLEASE CALL THE NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE TOLL-FREE AT 877/262-1492. YOU MAY ALSO CALL THE NCAA AT 317/917-6222.
History 10-1: U.S. History (Circa 1763-1900) 44
History 10-2: U.S. History (20th Century) 44
History 9-1: World History (Circa 500 BC-500 AD) 43
History 9-2: World History (Circa 500 AD-1800) 44
Holocaust and Human Behavior 48
Honors English 10 19
Honors English 9 19
Honors Group vii
Honors History 10-1: U.S. History (Circa 1763-1900) 44
Honors History 10-2: U.S. History (20th Century) 44
Honors History 9-1: World History (Circa 500 BC-500 AD) 44
Honors History 9-2: World History (Circa 500 AD-1800) 44
Honor Roll vii
Horticulture & Landscape Design (KCC) AF 43, 67
Housing/Living Environments 13
How to Read A Course Description xii
HSGQE: vi
HSGQE Math 27
HSGQE Reading 21
HSGQE Writing 21
Humanities 21
Humanities of Western Civilizations 48
Human Anatomy/Physiology 40
IB Biology 16
IB Chemistry 17
IB Computer Design Higher Level 16
IB Environmental Systems 17
IB French ab initio 16
IB French B 16
IB Further Mathematics 16
IB German ab initio 15
IB German B 15
IB History of Europe 16
IB History of the Americas 16
IB Info Technology in a Global Society 16
IB Language A1 English 15
IB Language A2 15
IB Mathematics Higher Level 16
IB Mathematics Standard Level 16
IB Mathematics Studies 16
IB Music 17
IB Physics 17
IB Russian ab initio 16
IB Russian B 16
IB Spanish ab initio 15
IB Spanish B 15
IB Theatre Arts 17
IB Theory of Knowledge 17
IB Visual Arts 17
Independent Study 58
Individualized Reading 21
Individualized Writing 21
Individual Recreational Activities 33
Informal Geometry 27
Informal Geometry 9-12 27
Integrated Math 27
Integrated Sciences 9 40
Integrated Sciences 9-12 40
Interactive Media 4
INTERNATIONAL

BACCALAUREATE (West H.S.) 15
International Relations 47
Introduction to Advertising, Art & Design 4
Introduction to Automotive Maintenance 4
Introduction to Body and Fender 4
Introduction to Business Technology and Web Design 4
Introduction to Construction Electric 4
Introduction to Cosmetology 4
Introduction to Culinary Arts 5
Introduction to Early Childhood Education 4
Introduction to Electronics (Robots and Robots) 5
Introduction to Emergency Services / Disaster Response 5
Introduction to Marketing 2
Introduction to Natural Resources 40
Introduction to Percussion 31
Introduction to Radio & Television Production 5
Introduction to Small Engines 5
Introduction to Welding 5

J
Japanese for Fluent Speakers I 55
Japanese for Fluent Speakers II 55
Japanese for Fluent Speakers III 55
Japanese for Fluent Speakers IV 55
Japanese I 54
Japanese II 54
Japanese III 54
Japanese IV 55
Japanese V 55
Jewelry 52
Journalism 22
JROTC 17
AFJROTC I 17
AFJROTC II 17
AFJROTC III 17
AFJROTC IV 17
Army JROTC I 17
Army JROTC II 17
Army JROTC III 18
Army JROTC IV 18
Naval Science/Leadership I 18
Naval Science/Leadership II 18
Naval Science/Leadership III 18
Naval Science/Leadership IV 18

K
KCC
Construction Electricity 66
Retail Merchandising 69
King Career Center (KCC) v, 61, 63, 64
Advertising, Art & Design 24, 64
Alaska Railroad Tour Guide Training Program 64
Automotive Maintenance Technology 64
Aviation Maintenance Technology 28, 41, 64
Aviation Technology 41, 65
Body/Fender Repair 65
Business Technology 3, 24, 65
Carpentry 28, 65
Co-op Work Experience 70
Computer Electronics Technology 28, 42, 66
Computer Science 28, 66
Construction Electricity 29
Cosmetology 66
Culinary Arts 15, 42, 66
Early Childhood Education 15, 67
Emergency Medical Technology 42, 67
Health Occupations 37, 67
Horticulture & Landscape Design 43, 67
Masonry 29, 68
Natural Resources Management 43, 68
Photography 68
Public Safety & Security 68
Radio and Television Production 25, 69
Rescue Technology 43, 69
Retail Merchandising 51
Small Engines 69
Tourism 51, 70
Welding 70
Work Readiness/Vocational Assessment Program 70

L
LANGUAGE ARTS 18
Latin America Studies 47
Latin I 55
Latin II 55
Latin III 56
Latin IV 56
Law Studies 48
Lead Facilitator for Transitions 39
Lifetime Personal Fitness 34
Life Science 9-12 40
Literature of the North 22
LS 2 Math 9-12 27
LS 2 Social Studies 9-12 46

M
Mandarin Chinese I 56
Mandarin Chinese II 56
Mandarin Chinese III 56
Mandarin Chinese IV 56
Mandarin Chinese V 56
Marine Science: Biology 38
Marine Science: Oceanography 38
Marketing Operations & Advertising 3
Masonry (KCC) 29, 68
Mass Media 22
Materials Fee 1
Material Science & Construction I 5,
7, 40
Material Science & Construction 2 7, 40
MATHEMATICS 25
Math Peer Tutor 99
Math Skills Workshop 27
McLaughlin v
Mentorship 59
Meteorology 40
Micro Biology 38
Middle East Studies 47
Minority Groups and Ethnic Cultures 49
Model Facilitator for Transitions 59
Modern American Fiction 22
Motion Picture 22
Multicultural Literature 22
Multimedia Design 52
MUSIC 29, 31
Music Appreciation 31
Music Keyboard 31
Music Theory & Composition I 31
Music Theory & Composition 2 31
Mystery & Sports Literature 22

N
Native Games 34
Natural Resources Management (KCC) 43, 51, 68
Natural Science of Alaska 41
NCAA xi
NCAA Eligibility 76
Newcomers’ Center v
Newspaper 1 22
Newspaper 2 23
Non-resident Tuition vi
Non-fiction: Real Life in Literature 23
North America Studies 47
Nutrition/Food Preparation 14

O
Office Technology 1, 2 3
On-the-Job Training 64, 70
Oral Interpretation 23
Orchestra, Chamber I 30
Orchestra, Chamber II 30
Orchestra, Concert 30
Orchestra, String Technique 30
Orientation and Mobility 59
Other Requirements 1

P
Pacesetter Spanish 57
Pacific Rim Studies 47
Painting 52
PASCAL 1 6
PASCAL 2 6
Philosophy 49
Photography (KCC) 68
Photography 1 7
Photography 2 7
PHYSICAL EDUCATION/ HEALTH 32
Physical Sciences 41
Physics 41
Physiology of Wellness 40
Pickle Ball 34
Play Production 52
Poetry 23
Polaris K–12 School v
Pottery 33
Power Reading/Writing for College 25
Pre-Algebra 27
Pre-Calculus with Trigonometry 27
Principles of Technology 1, 2, 3, 4 7, 41
Printmaking 53
ProStart 1 14
ProStart 2 14
ProStart 3 14
ProStart 4 14
Psychology I-1 50
Psychology I-2 50
Public Safety & Security (KCC) 68

R
Racquet Sports 34
Radio and Television Production (KCC) 25, 69
Reading Foundations I I 51
READ 180 23
Recreational Games 34
Rescue Technology (KCC) 43, 69
Retail Merchandising 69
Retail Merchandising (KCC) 68
Rillery 59
Romanticism 23
Rugby 34
Running, Cross-Country 35
Russian I 56
Russian II 57
Russian III 57
Russian IV 57
Russian V 57
SAVE v
School Government 60
SCIENCE 37
Science Fiction and Fantasy 23
Sculpture 53
SEARCH v
Secondary Alternative Programs/Schools iv, 74, 76
Service High, AVID Program v
Service High, The Seminar School vi
Service Learning for Student Facilitators 60
Shakespeare 23
Skating/Hockey 35
Skiing, Cross-Country 35
Small Engines (KCC) 69
Soccer 35
SOCIAL STUDIES 43
Sociology 30
Softball 35
Solo and Small Ensembles 31
Spanish for Fluent Speakers I 58
Spanish for Fluent Speakers II 58
Spanish I 57
Spanish II 57
Spanish III 57
Spanish IV 57
Spanish V/VI 57
Special Education
Affective Skill Development 9-12 47
Alaska Studies 9-12 45
Basic Math 9-12 26
Comp, Skill Blind 58
Consumer Economics 9-12 45
Cooperative Work Experience 58
English 9-12 – 1, 2 19
English 9-12 – 3, 4 19
English 9-12 – 5, 6 19
English 9-12 – 7, 8 19, 22, 23
Global Geography 9-12 47
Healthy Life Skills 9-12 33
Life Science 9-12 40
L1 Science 9-12 40
L1 Communicate 9-12 59
L1 Econ 9-12 49
L1 English 9-12 19
L1 Health 9-12 33
L1 Math 9-12 27
L1 On Your Own 9-12 49
L1 Physical Education 9-12 34
L1 Social Studies 9-12 46
L1 Work Experience 9-12 59
L2 Communicate 9-12 59
L2 Econ 9-12 49
L2 English 9-12 19
L2 Health 9-12 33
L2 Math 9-12 27
L2 On Your Own 9-12 49
L2 Physical Education 9-12 34
L2 Science 9-12 40
L2 Social Studies 9-12 46
L2 Work Experience 9-12 59
On Your Own 9-12 49
Peer Tutor/Fitness Special Populations 34
Physical Education 9-12 34
Physical Science 9-12 41
Pre-Algebra 9-12 27
Pre-Voc 9-12 49
Study Skills 9-12 60
Survey of Algebra 9-12 28
U.S. History 9-12 44
Work Experience 9-12 60
Speech Communication 23
Stagecraft 52
Stellar Secondary School vi
Survey of Algebra 28
Survey of British Literature 23
Survey of World Literature 24
Swimming, Aquatic Games 35
Swimming and Diving 35

T
Team Handball 53
Tech Prep xi
Teen Issues in Literature 24
Tennis 36
Tennis—Table 36
Textile Technology 1 14
Textile Technology 2 14
Textile Technology 3 14
Textile Technology 4 14
Theatre Arts 51
Tlingit I 53
Tourism (KCC) 51, 70
Transcripts vii
Transitions 36
Transportation 1 8
Transportation 2 8
Twentieth Century American Eras 50

U
United Nations 47
United States Government 45
United States Government 9-12 45
United States Military History 50
United States Regional Studies 47

V
VISUAL ARTS 52
Vocal Technique 1 31
Vocal Technique 2 31
Volleyball 36

W
Water Safety and Rescue 36
Weight Training—Advanced 36
Weight Training—Basic 36
Welding (KCC) 70
Westward Movement 50
West High, International Baccalaureate vi
West High, Kanaknaq vi
West High, School through the Arts vi
Wilderness Recreation 36
Winter Sports 36
Women’s History 50
Women’s Literature 24
Work Experience 9-12 60
Work Readiness/Vocational Assessment Program (KCC) 70
World History 9-12 44
WORLD LANGUAGES 53
World Languages Immersion Programs vi
World Mythology 24

Y
Yearbook 60
Yup’ik I 53