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**2010-2011
COURSE OF STUDY
HANDBOOK**

“MESSAGE FROM YOUR SCHOOL BOARD: “EXPECT CHANGE”

Change is being driven by increased expectations for our schools and our students. Expect significant change in your lifetime and be prepared for transformation and higher expectations in your school.

Order and Discipline. You may expect order and discipline in your classrooms and hallways. Currently, a small percentage of students threaten the safety and disrupt the order of our students and staff. Please read carefully the policies on weapons, group fighting, disruptive students, gang activity, and student conduct. This information can be found in your student handbook. You may expect that students who do not control their behavior within these parameters will be removed for the benefit of those who do.

Standards. Increasingly, grade level standards of what you must know, remember, and be able to do are being developed. You can expect more rigorous instruction in the classroom with an emphasis on your knowledge of this grade level or subject standards, not seat time. In addition to passing 21 specified credit hours for a high school diploma, you will also be required to pass the WASL (Washington Assessment of Student Learning).

Students who are significantly below grade level in language arts, mathematics, and science will take more course work in those areas. Currently, high school students read on as many as ten grade levels. While we encourage grade-level performance, tolerance for below-grade-level performance is vanishing. You must have skills and long term retention of basic information to survive in a global economy. The world that you face will be much different than that of your parents.

Those who do well on tests and demonstrate excellent performance will experience a much greater variety of academic options in their last two years of high school. These opportunities include taking classes for future career interest areas. It could also involve taking high school and college classes concurrently. Some students will graduate with a high school diploma and an Associate Arts degree at the same time.

Flexibility/Relevance/Freedom to Choose. The Kennewick School Board continues to modify policies and procedures that will allow you more flexibility in challenging particular high school classes for credit. The Board is open to the granting of individual waivers of some requirements for students who are taking a full load of rigorous classes and need the time for course work more relevant to their career path or course of study.

We are encouraging more variety and breadth in all academic, performing/visual arts, and career/technical areas. We encourage juniors and seniors who have mastered the basics to explore classes which can lead to improved health/wellness, economic self-sufficiency, and career awareness.

Your Kennewick School Board

The Kennewick School District No. 17 complies with federal rules and regulations and does not discriminate on the basis of race, color, national origin, sex or handicap. This holds true for all students who are interested in participating in educational programs and/or extra-curricular school activities. Inquiries regarding compliance procedures may be directed to the School District's IX and/or Section A 504 Coordinator. This Registration Guide was produced under the supervision of Darrylin Osborn, Assistant Principal at Kamiakin High School.

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COUNSELING SERVICES

There are four specially trained counselors at Kamiakin High School whose primary role is to assist students toward better self-understanding and wise decision making. Each counselor is responsible for working within the school's educational program to help individual students develop a High School and Beyond Plan (HSBP). The HSBP, mandated by the State of Washington, is a plan reflecting an individual student's program that meets high school graduation requirements, is parallel to his/her interests and results in satisfying his/her educational objectives for post-high school opportunities. Copies of each student's HSBP are on file in the Kamiakin Career Center. The counseling office encourages student and parent initiated contact by contacting the Counseling Office, 222-7010.

COUNSELORS

| | | |
|------------------|---------------|---|
| Sharon Fontana | Students A-E | Testing Coordinator, Advanced Placement Coordinator |
| Erika Mendoza | Student F-L | College Admissions, Scholarships, Running Start Coordinator |
| Phil Jones | Students M-R | Foreign Exchange Students, Tri-Tech Liaison |
| Mark Falkner | Students S-Z | Special Services, NCAA |
| Virginia Rathbun | Career Center | |

CAREER GUIDANCE SERVICES

Career exploration and career guidance are important components of a comprehensive guidance program that assists students in understanding the workplace and the importance of work. Our career curriculum, including Career Cruising and Tribe career activities are designed to assist students in preparing for the future and the demands of a changing workplace as well as getting students "College Ready" for whatever kind of college they may choose to pursue. An emphasis for our career education activities, including Tribe and Student Led-Conferences, are the three "Essential Questions"; Who am I?, Where am I Going, and How Am I Going to Get There?". Career exploration is a "work in progress" that allows each student to take information about themselves, organize it, and uses it to learn about the world-of-work, what level of education they wish to pursue and careers that might be right for them. This dictates what high school courses to complete in order to prepare for their post-high school plans. This is reflected in each student's High School and Beyond Plan typically completed in Tribe. Career decision making is a lifelong process. It is important to remember that few people ever stop "going to school," no occupation is exclusively male or female, and that the workplace is changing so rapidly that most people, will change jobs six to ten times during their forty-five working years. College graduates will average ten jobs before retiring and people will change entire careers every five to seven years.

What is a Career Cluster?

Beginning in middle school and continuing on each year, students take career interest assessments and can select a Career Cluster that matches their personality, interests and future plans. Career Clusters group specific occupations or careers together based on the interests, strengths, skills of those employed in these areas. All Clusters include a variety of occupations that require different levels of education and training ie. entry-level, skilled level or professional-level.

ENTRY-LEVEL - These jobs generally require a high school diploma. Most don't pay well and only 15% of tomorrow's jobs will be available with only a high school diploma.

SKILLED-LEVEL

The education and training required for these jobs is two or more years of advanced education beyond high school obtained in an apprenticeship, vocational / technical college, community college or the military. Over 65% of tomorrow's jobs will require skilled-level training.

PROFESSIONAL-LEVEL

These jobs require at least a Bachelors degree and perhaps beyond for a Masters or Doctorate degree. 20% of tomorrow's jobs require a four-year college degree.

16 CAREER CLUSTERS:

- Agriculture, Food and Natural Resources
- Architecture and Construction
- Art, A/V Tech and Communication
- Business, Management and Administration
- Education and Training
- Finance
- Government and Public Administration
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections and Security
- Manufacturing
- Marketing, Sales and Service
- Science, Technology, Engineering, and Math
- Transportation, Distribution and Logistics

HIGH SCHOOL GRADUATION REQUIREMENTS

A total of twenty-one (21) credits in grades 9 through 12 shall be required for graduation from high school. For 1.0 credit a class must meet for a minimum of 150 hours of planned instructional activities. All students must meet this minimum requirement (including specific required courses) to participate in the commencement exercises. Students transferring into the Kennewick School District during their junior or senior year may be required to satisfy the requirements of their previous school district in order to obtain a diploma from the Kennewick School District.

A high school student, currently enrolled in Kennewick School District, may challenge particular courses for credit by toward graduation by making application and successfully completing a comprehensive assessment of the course being challenged.

Each student has developed a High School and Beyond Plan (**HSBP**) and successfully completed an instructional program appropriate to his/her interests and needs shall be awarded a diploma at fitting graduation ceremonies. The board of directors shall award a regular high school diploma to every student enrolled in the district who meets the requirements of graduation established by the district. Only one diploma will be awarded with no distinctions being made between the various programs of instruction which have been pursued.

The requirement for graduation shall be the completion of work and studies representing the instructional program assigned to grades 9-12. The minimum subject areas and credits therein shall be as follows.

Courses Required for Graduation

| <u>Course Title</u> | <u>Credits Required</u> Through the graduating class of 2012 | <u>Credits Required</u> Beginning with the class of 2013 |
|----------------------------|---|---|
| English | 4.0 Credits | 4.0 Credits |
| Mathematics | 2.0 Credits | 3.0 Credits |
| Social Studies | 3.0 Credits | 3.0 Credits |
| Science (1.0 Lab Science) | 2.0 Credits | 2.0 Credits |
| Occupational Education | 1.0 Credit | 1.0 Credit |
| Health and Fitness | 2.0 Credits | 2.0 Credits |
| Arts | 1.0 Credit | 1.0 Credit |
| Electives | 6.0 Credit | 5.0 Credits |
| Total | 21 Credits | 21 Credit |

Additional Non-Credit Graduation Requirements: All students are required to complete a Culminating Project, a High School and Beyond Plan and demonstrate computer competence. Students must also successfully pass the High School Proficiency Exam or other state required assessment.

CULMINATING PROJECT

The Culminating Project shall provide students an opportunity to use their academic skills and content knowledge to gain new, deeper levels of understanding, and shall challenge students to extend their learning. Projects shall be aligned to the student's High School and Beyond Plan (HSBP) and provide an experience that relates to their academic studies, to future education and career preparation. Students shall either enroll in a course that has been identified as meeting the requirements of the Culminating Project. During their sophomore year, students shall identify the option they intend to pursue to complete the Culminating Project. Students shall be in their junior or senior year to commence the Culminating Project. Culminating Project courses are identified as such in the Kamiakin Course of Study Handbook.

COMPUTER COMPETENCE

Students must demonstrate computer competency by either passing a competency assessment or successfully completing Computer Applications 1&2 or Computer Science 1&2 sometime prior to graduation. The competency assessment is a web-based program which tests the student's ability to perform basic competencies in the Microsoft Office Applications of Word, Excel and PowerPoint. The assessment is scheduled for three hours. Students will not be allowed to use any resource materials. A student must pass with a minimum 70% to pass the computer competency assessment. Student scores will be recorded with the students application form at the testing site and sent to the high school's counseling office to be recorded. Students who successfully pass will fulfill the graduation requirement. This will be documented on the student's transcript. High school credit is not awarded for passing the assessment. Students who do not pass the as-assessment may wait one year and take the entire assessment again or complete Computer Applications 1 & 2. Computer Competency Assessment dates and times will be made available to students throughout the school year.

HIGH SCHOOL PROFICIENCY EXAM (HSPE)

Students take the HSPE for the first time as 10th-graders.

OCCUPATIONAL EDUCATION CREDIT

Occupational Education credit is also known as career and technical education or CTE. CTE courses are taught in the following departments: Agriculture, Business and Marketing, Family Consumer Science, Photography, Technology Education, Tri-Tech Skills Center, and designated courses in Unique Program Offerings.

RETAKING COURSES TO IMPROVE GPA

As per Washington Administrative Code (WAC) 392-415-055 (4), a **non-recurring** course may be retaken to improve the grade previously earned in order to improve the student's grade point average. The ability to retake a course to improve a student's grade point average does not apply to recurring courses. Recurring courses are those courses, generally classified as elective courses, that students may take repeatedly because of interest, to improve skill or broaden knowledge, for enjoyment, or to acquire elective credits. When retaking a course, the grade and credit earned will be handled in one of two ways: (1) Credit earned from the retaken course will count toward meeting the number of credits needed for graduation AND the grade received in the previous course will be included with the new grade in the grade point average calculation; or (2) The lower of the two grades will not be included in the grade point calculation AND credit earned from the lower of the two grades will not count toward meeting the number of credits needed for graduation. The necessary form for retaking a course is available from the counseling office.

WAIVERS OF GRADUATION REQUIREMENTS

Kennewick School District procedures permit high school graduation requirements to be waived for the following reasons, provided that all state statutory requirements are met:

Medical Reasons: A student with a continuing medical condition verifiable by a doctor's written statement may immediately waive the P.E. requirement. A student with a temporary medical condition verifiable by a doctor's written statement may delay the timing for fulfilling the P.E. requirement. Medically delaying the P.E. requirement is not a waiver process. **THE 0.5 HEALTH CREDIT PORTION OF THE P.E. REQUIREMENT MAY NOT BE WAIVED FOR MEDICAL REASONS.**

Religious Reasons: Students with religious reasons verifiable by a minister's written statement may immediately waive the P.E. requirement.

Academic Reasons: Students may not waive state graduation requirements except as provided under WAC 180-51. See your high school counselor or principal for additional information. Academic waivers are granted only in the spring of the junior year and only by the principal.

KENNEWICK SCHOOL DISTRICT GRADING POLICY

All students will be graded according to the following scale:

| <u>Grade</u> | <u>GPA</u> | <u>Credit Earned</u> | <u>Grade</u> | <u>GPA</u> | <u>Credit Earned</u> |
|--------------|------------|----------------------|--------------|----------------|----------------------|
| A | 4.0 | Yes | D | 1.0 | Yes |
| A- | 3.7 | Yes | F | 0 | No |
| B+ | 3.3 | Yes | NC | No Credit | No |
| B | 3.0 | Yes | S | Satisfactory | Yes |
| B- | 2.7 | Yes | U | Unsatisfactory | No |
| C+ | 2.3 | Yes | AUD | Audit | No |
| C | 2.0 | Yes | INC | Incomplete | No |
| C- | 1.7 | Yes | WF | Withdraw F | No |
| D+ | 1.3 | Yes | W | Withdraw | No |

Satisfactory/Unsatisfactory Grading Option:

This option is provided to encourage students to explore high interest areas of study which they might otherwise avoid because of fear of low grades within traditional letter grading system. It is also used for all student assistant grades as directed by School Board Policy 2412.

A Statement of Understanding form will be required for communication and for proper record keeping. (Forms are available from your counselor.) The following conditions must be met:

1. Students may choose only those advanced elective courses with S/U grading options as listed in the Course of Study Handbook.
2. Students may request no more than one S/U grading option per semester.
3. The S/U grading option must be requested within the first 4 ½ weeks (23 school days) of each semester.
4. Regular letter grades will not be given after the STATEMENT OF UNDERSTANDING is made.
5. Students are expected to maintain a high level of effort and performance even though letter grades will not be given. "C" or better work is recommended for the "S" grade. The teacher of record will establish minimum performance criteria for receipt of the "S" grade.
6. Honor Roll recognition requires five academic letter grades for all students.
7. College admissions officers/scholarship committees may view S/U grades with some degree of skepticism.

F – No Credit = 0 points:

This occurs when a student registers for a course, but:

1. Withdraws without following prescribed withdrawal procedures.
2. Withdraws after the deadline.
3. Does not meet minimum standards due to unexcused absences.
4. Attends class, but fails to meet minimum standards.
5. Is suspended from the course.

NC- No Credit = 0 points:

This occurs when the student:

1. Completes a course and has made an effort to complete course requirements but minimum standards have not been met due to extenuating circumstances. The NC may be converted to a passing grade for the course (if work is completed by a prescribed deadline.)
2. Withdraws from a course following prescribed withdrawal procedures or by teacher recommendation and parent consent.

GRADE LEVEL ASSESSMENTS AND TESTING OF STUDENTS

A wide variety of tests are used to evaluate all Kamiakin students. They are designed to measure competencies, facilitate academic placement, assess interest, and assist students in career exploration and post-high school planning.

Ninth Grade Assessment Program:

Required: MAP testing in reading, writing, mathematics, and science. Practice WASL testing in reading and math.

Tenth Grade Assessment Program:

Required: High School Proficiency Exam (HSPE) measures the areas of reading, writing, mathematics, and science. Students are required to meet the assessment standards (Certificate of Academic Achievement) to receive a high school diploma. MAP testing in reading, writing, mathematics and science.

Optional: The COMPASS test is given in the early spring of each year and must be passed by students considering participation in the Running Start program of their junior year.

Optional: The Preliminary Scholastic Aptitude Test (PSAT) is given in October and is a must for students planning to attend four year colleges and universities.

Eleventh Grade Assessment Program:

Required: Retake of the HSPE for students who did not pass the tenth grade assessment.

Optional: The Preliminary Scholastic Aptitude Test (PSAT) is given in October and is a must for students planning to attend four year colleges and universities.

Optional: American College Test (ACT) and Scholastic Aptitude Test (SAT) is each given several times during the school year. Students who are hoping for college scholarship assistance need to consider taking these tests. Be sure to check which colleges use which tests.

Optional: The COMPASS test is given in the early spring and must be passed by students considering participation in the Running Start program.

Optional: The Armed Services Vocational Aptitude Battery (ASVAB) is administered to juniors and seniors interested in military careers by the Department of Defense. The Tri-Cities Military Recruiting Officers administer it periodically at the local high schools at no cost.

Twelfth Grade Assessment Program:

Required: Retake of the HSPE for students who did not pass the tenth grade assessment.

Optional: American College Test (ACT) and Scholastic Aptitude Test (SAT) is each given several times during the school year. Students who are hoping for college scholarship assistance need to consider taking these tests. Be sure to check which colleges use which tests.

Optional: The COMPASS test is given in the early spring of each year and must be passed by students considering participation in the Running Start program of their senior year.

Optional: The Armed Services Vocational Aptitude Battery (ASVAB) is administered to juniors and seniors interested in military careers by the Department of Defense. The Tri-Cities Military Recruiting Officers administer it periodically at the local high schools at no cost.

WORK SITE LEARNING PROGRAMS

Work site learning programs integrate classroom instruction with productive, structured work site learning experiences that are directly related to a sequence of courses and aligned with the student's career path.

Eligibility Criteria for Work Site Learning Experience

To be eligible to qualify for a work site learning experience, students must have taken a series of courses within an approved program and be enrolled in that program during their senior year. Students may earn up to 1.0 credit per year for successful completion of a full year (2 semesters) of work site learning experience. Students who enroll in work site learning experience must be concurrently enrolled in a designated school program (class). Students shall comply with all Department of Labor and Industries rules and guidelines for employment of minors. This includes the rule that a student under the age of 18 may not work more than four (4) hours per day preceding a school day and a maximum of twenty (20) hours per week. Students who work in violation of the standards as set forth by the Department of Labor and Industries will receive no credit for the grade period in which the violation occurred.

TECH PREP DIRECT CREDIT

The Tech Prep Direct Credit program provides students the opportunity to earn college credit for courses taken in high school. Direct credit provides the students with college credit after the completion of the course in high school. Course competency equivalencies and vocational certification reciprocity allow the college to honor the direct credit agreement. For Additional Information: Contact the teacher of a specific program or visit the CBC website at <http://www.columbiabasin.edu/>

Which students are eligible to receive college credit?

Students are eligible for college credit in articulated courses when they have achieved a 3.0 GPA (equivalent to an 85%) or higher. For full year courses, the students must maintain a 3.0 GPA (85%) for both semesters.

How much does the credit cost through Direct Credit? We are very excited that beginning this school year, students eligible to earn Tech Prep Direct Credit may do so for ***NO FEE!!*** This opportunity will provide ALL students who meet the minimum criteria the chance to earn college credit while in high school.

How do students register?

Students register, with the assistance of the high school program teacher, just prior to the completion of the class. Upon completion of the class, the teacher identifies the students who have achieved the minimum grade requirement and should receive articulated credit and sends that information to the Columbia Basin College Tech Prep Director. Students will be able to access their CBC transcript through the campus kiosk or by contacting the registrar's office.

Is this credit transferable?

The receiving institution determines transferable credit - students must contact the institution of their choice for specific information. Most institutions allow for 15 elective credits. Tech Prep Direct Credit may meet elective course criteria.

Tech Prep Direct Credit Courses Offered at Kamiakin High School

Accounting 1-2
Child Psychology 1-2
Introduction to Marketing 1-2
PC Trouble shooting Internship
Photo 3-4

Careers In Education
Entrepreneurship 1-2
Sports & Entertainment Mkt 1-2
PC Trouble-shooting
Web Page Design 1-2

Computer Applications 1-2
Fashion Marketing 1-2
Marketing Management 1-2
Marketing Operations 1-2

EDUCATION AND TRAINING OPPORTUNITIES AFTER HIGH SCHOOL

College/University(4-5 years)

Bachelor's Degree - Educational programs in areas such as Accounting, Architecture, Arts, Business, Education, Engineering, English, Psychology, Mathematics, Medicine, Science, and Music.

Advanced Degree - (Masters / Doctorate) (4-8) – Advanced studies for subject areas listed above and many other educational programs.

Community College(1-2 years) – offer 3 types of programs

Certificate Programs (Six months to one-year programs).

Examples of training programs: Business Administration, Bookkeeping, Cosmetology, Dental Assistant, Diesel Technology, EMT/Paramedic, Interior design, Office/Clerical, licenses Practical Nurse, Photography, Receptionist, Small Engine Repairs, and Travel Agent.

Associate of Arts Degree (Two-year transfer programs)

A general studies degree that may be transferable to universities depending on entrance requirements.

Associate of Applied Science Degree (Two-year program)

Educational training programs for specific careers. Some examples of AAS degrees offered: Agriculture, Auto-motive, Computer Science, Electronics, Engineering, Fire Science, Nursing, Office Tech, Welding, and Early Childhood Education, Criminal Justice, Paralegal, Hospitality and Food Service Management.

Technical College (1-2 years)

Technical Colleges prepare you to enter the workforce after training, or to upgrade skills for advancement. The five public technical colleges in Washington state offer approximately 400 training programs with curriculum designed and monitored by business/labor advisory committees, technical colleges are part of the state's community and technical college system.

Vocational School/Technology Institutes (1-2 years)

Over 30,000 students in Washington are served annually in over 300 private career schools and colleges. Programs are short-term, intensive training and education with frequent starting dates. Wide varieties of programs and job placement assistance as well as financial aid are available.

Apprenticeship Programs (2-5 years)

Training programs are where you earn money while you learn a skilled trade or craft working on the job. Some Washington State Apprenticeship Programs are Electricians, Carpenters, Millwright, Plumbers/Steamfitters, Painters, Sheet Metal workers, and Ironworkers.

Military (2-4 years)

Training is available for many jobs. Enlistees receive pay, room & board, 30 days of vacation per year, and benefits. A high school diploma is required. During a four-year enlistment, a person may receive the equivalent of a 2-year college education in specific occupation. ROTC or Academy appointments go through local recruiters.

MINIMUM REQUIREMENTS FOR WASHINGTON UNIVERSITIES

The following is a list of minimum high school College Academic Distribution Requirements (CADR) course requirements for the Public Baccalaureate Institutions in the State of Washington. The Higher Education Coordinating Board has recommended changes to these requirements. Please check with your counselor regarding the most current and up to date HEC Board requirements.

| <u>COURSE</u> | <u>REQUIRED YEARS</u> |
|--|------------------------------|
| ENGLISH | 4 YEARS |
| SOCIAL STUDIES | 3 YEARS |
| WORLD LANGUAGE | 2 YEARS |
| MATHEMATICS | 3 YEARS |
| SCIENCE (At least one year must be laboratory science) | 2 YEARS |
| ARTS | 1 YEAR |
| SENIOR YEAR MATH BASED COURSE (Class of 2012 and beyond) | 1 YEAR |

ENGLISH REQUIREMENTS:

Four years of English study are required, at least three of which must be in composition and literature. One of the four years may be satisfied by courses in drama as literature, public speaking, debate, journalistic writing, business English, or a course in English as a Second Language (ESL). Courses that are not generally acceptable include those identified as remedial or applied (e.g., developmental reading, remedial English, basic English skills, review English, yearbook/annual, newspaper staff, acting, and library).

MATHEMATICS REQUIREMENTS:

Three years of mathematics are required. 1 math credit during senior year unless they have completed math through Pre-Calculus or by completing a math based quantitative course like statistics, applied math or appropriate career and technical courses or completing an algebra-based science course e.g. Chemistry, Physics or other science course that incorporated knowledge of algebra. An algebra course taken in the eighth grade may satisfy one year of the requirement if second year algebra is completed in high school.

SOCIAL STUDIES REQUIREMENTS:

Three years of study are required in history or social studies, e.g., contemporary world problems, geography, government, psychology, sociology. Credit awarded for student government, leadership, community service or other applied or activity courses will not satisfy this requirement.

SCIENCE REQUIREMENTS:

Two years of science are required. One full year of basic principles of biology, chemistry or physics must be completed with a laboratory experience (e.g. both semesters in the same field). The second year of science may be completed in any course that will satisfy the high school graduation requirement in science. It is strongly recommended that students planning to major in science or science related fields complete at least three years of science, including at least two years of laboratory science. Beginning with the graduating class of 2012, 2 years of lab science will be required and one of those years must be an algebra based lab science curriculum and one year must be in biology, chemistry or physics.

WORLD LANGUAGE REQUIREMENTS:

Two years of study in a single world language are required. A course in foreign language or study in American Sign Language taken in the eighth grade may satisfy one year of the requirement if the second year course is completed in high school. Two years of study in American Sign Language will satisfy the world language requirement. The world language requirement will be considered satisfied for students from non English-speaking countries who entered the United States educational system at the eighth grade or later.

ARTS:

One year of study is required in the fine, visual, and performing arts. The fine, visual, and performing arts include study in art appreciation, ceramics, band, choir, dance, dramatic performance and production, drawing, fiber arts, graphic arts, music appreciation, music theory, orchestra, painting, photography, pottery, sculpture, and web page design.

ADVANCED PLACEMENT PROGRAM

Advanced Placement (AP) courses can enable students to earn college credit and/or recognition. Nationwide examinations are given every spring (usually in May) to high school students who can demonstrate that they have already learned what colleges expect students finishing college courses to know. High school students who score well on the AP exams can be granted college credit according to each participating university's established practices. Students interested in taking AP courses are encouraged to talk with teachers and counselors prior to enrolling in AP courses to schedule appropriate courses, sequences, and to minimize problems associated with overloading. **Students** planning on taking AP courses are encouraged to talk with teachers and counselors about appropriate course selections to best prepare for the AP classes. Additionally, Kamiakin High School participates in the Advanced Placement's special recognition program for students taking multiple AP courses.

RUNNING START

Running Start is a legislatively created program enabling Kamiakin juniors and seniors to simultaneously earn high school and college credit. Washington law states "Eleventh and twelfth grade students...may apply to a community college or vocational technical institute to enroll in courses or programs....". Students, without having to pay the cost of tuition, may take classes which will earn both high school and college credit. Kamiakin sophomores and juniors interested in participating in this program will need to take the COMPASS Test in early spring. Students in the Running Start Program are limited to six Kamiakin credits per year. For additional information contact the Kamiakin Guidance office at 222-7010.

ACADEMIC COMPETITION

The Kamiakin Academic Competition program is open to all Kamiakin students and includes Academic Competition Math and Academic Competition Knowledge Bowl. It offers students with academic interests opportunities to compete with the high school students not only in Eastern Washington but also throughout the state and the entire nation. The two classes are taught as separate courses and are outside the regular school day. Students may receive up to 0.5 credits each year for participation in each course for the entire year. Depending on the competitive success, academic competition participants may be expected to participate in fund raising to assist paying for regional, state, and national competition expenses.

NCAA DIVISION I, II, AND COLLEGE FRESHMAN ELIGIBILITY

All student-athletes wishing to participate in a Division I or II athletic program must register with the NCAA initial Eligibility Clearinghouse at the end of their junior year and meet NCAA eligibility requirements. **See your counselor for registration information and deadlines. Log on to www.ncaaclearinghouse.net for your most reliable source of current NCAA rules and answers to your questions for potential Division I and II student athletes.**

AGRICULTURE

(These courses meet the graduation requirement for Occupational Education credit.)

The curriculum in agriculture is composed of a combination of academic courses and vocational agriculture judged most suitable to prepare high school students for specific agricultural or agri-business employment. Recognition is given to the need for some students to enroll in academic courses required for admission to college and prepare for the HSPE.

8101-8102 AG SCIENCE 1&2

Year 1.0 Credits

Prerequisite: None. Entry at semester with teacher permission.

Grad Req: Satisfies lab science requirement, occupational education requirement, or elective requirement

Content: This course will emphasize chemistry and biology in a rigorous “hands-on” agricultural environment.

Students will understand scientific concepts and principles; conduct scientific investigations; apply their science knowledge and skills to solve problems in agriculture identify challenges and evaluate solutions; and develop effective communication skills.

Course Style: Lecture, demonstrations, hands-on applications, discussions, lab, team and individual projects, research projects and presentations, guest speakers, and field trips.

8103-8104 AG SHOP 1&2

Year 1.0 Credits

Prerequisite: None

Grad Req: Satisfies occupational education requirement or elective requirement.

Content: A course designed to teach student shop skills necessary to work in an agricultural shop. Students are given instruction on tool identification, welding, basic carpentry, plumbing, and basic electricity.

Students are required to provide protective clothing.

Course Style: Lecture, individual and group projects, demonstrations, guest speakers, and a hands-on emphasis.

8105-8106 AG SHOP 3&4

Year 1.0 Credits

Prerequisite: Ag Shop 1&2

Grad Req: Satisfies occupational education requirement or elective requirement.

Content: Students are given instruction advanced on tool identification, welding, basic carpentry, plumbing, and electricity. **Students are required to provide protective clothing.**

Course Style: Lecture, individual and group projects, demonstrations, guest speakers, and a hands-on emphasis.

8117-8118 AG SHOP 5&6 DESIGN & FABRICATION

Year 1.0 Credits

Prerequisite: Ag Shop 1&2 and Ag Shop 3&4 (preferred)

Grad Req: **Satisfies Culminating Project requirement**, occupational education requirement or elective requirement.

Content: Students are given instruction on CAD and CNC technology to design and create artistic 3D metal projects.

Students learn advanced welding, grinding, and coloring of metal. **Students are required to provide protective clothing.**

Course Style: Lecture, individual and group projects, demonstrations, guest speakers, and a hands-on emphasis.

8107-8108 FORESTRY 1&2

Year 1.0 Credits

Prerequisite: None. Entry at semester by teacher permission.

Grad Req: Satisfies occupational education requirement or elective requirement.

Content: This course is designed for students wishing to pursue an interest in forest related careers. This course includes studies of forest protection and production, recreation, wildlife and range management, water conservation, and fish production. Students raise 1000 rainbow trout while learning about natural resources. A year-end mountain field trip allows students to practice what they have learned.

Course Style: Lecture, discussion, individual and group assignments, labs, and a yearlong project in fish production.

8111-8112 HORTICULTURE SCIENCE 1&2

Year 1.0 Credits

Prerequisite: None. Entry at semester by teacher permission.

Grad Req: Satisfies non-lab science requirement, occupational education requirement, or elective requirement.

Content: This course is designed to provide an understanding of the career opportunities in plant production and the flower industry. The course includes studies in plant identification, plant biology and growth habits, soil types, and landscape design. This is a hands-on class, requiring work in the commercial greenhouse on campus. Students are encouraged to become involved in activities such as the Kamiakin Flower Shop and the Mother’s Day plant sale, and are required to participate in the annual greenhouse plant sale.

Course Style: Lecture, labs, discussion, individual and group assignments, and a yearlong project in the campus greenhouse.

8113-8114 HORTICULTURE SCIENCE 3&4

Year 1.0 Credits

Prerequisite: Horticulture 1-2 and Junior/Senior status.

Grad Req: **Satisfies Culminating Project requirement**, occupational education requirement, or elective requirement.

Content: It is designed to provide an understanding of the career opportunities in plant production and the flower industry. The course includes studies in plant identification, greenhouse design and management, pesticide management, turf management, golf course design and advanced floral design. This is a hands-on class, requiring work in the commercial greenhouse on campus. This class offers opportunities for work-based learning at a commercial golf course or nursery. Students are encouraged to become involved in activities such as the Kamiakin Flower Shop and the Mother's Day plant sale, and are required to participate in the annual greenhouse plant sale.

Course Style: Lecture, labs, discussion, individual and group assignments, and a yearlong project in the campus greenhouse.

8115-8116 FLORAL DESIGN 1&2

Year 1.0 Credits

Prerequisite: None. Entry at semester by teacher permission.

Grad Req: Satisfies occupational education requirement, art, or elective requirement.

Content: Students will learn to apply the artistic principles of design to create corsages, centerpieces, sprays, and boutonnieres using a variety of plant medium (dried, silk, paper, and live flowers). Students will also learn how to receive, store and market floral materials; select appropriate materials for a given occasion; identify tools and materials used; and select and tie a variety of ribbons and bows. Finally, they will learn to create various arrangements for holidays and special occasions that will be marketed through a student run floral shop.

Course Style: Lecture, labs, discussion, individual and group assignments, and a yearlong project in the campus greenhouse.

ART

It is essential for all young adults to experience art as a basic form of expression and as a response to life. Therefore, all Kamiakin students will be provided with opportunities to participate in visual art expression according to their individual interests, differences, and needs. The Art Department courses are arranged in two groups: Drawing-Painting (two-dimensional) and Ceramics (three-dimensional).

DRAWING AND PAINTING COURSES

7121 BASIC ART

Semester 0.5 Credits

Prerequisite: None

Grad Req: Satisfies arts requirement or elective requirement.

Content: An introductory and exploratory class for beginning students and for those who have had some art experience. Shading, proportion, perspective, and composition are covered. Students will use pencil, colored pencils, charcoal, pastels, pen and ink, tempera paint, and watercolors. Subject matter includes still life, land and seascapes, portraits, objects from home and magazine photos.

Course Style: Series of projects demonstrating knowledge, and application. Instruction includes demonstration, discussion, visual presentation, hands-on work, and the development of a portfolio

7122 DRAWING AND PAINTING

Semester 0.5 Credits

Prerequisite: Basic Art

Grad Req: Satisfies arts requirement or elective requirement.

Content: This course builds on the knowledge gained in Basic Art and broadens a student's drawing and painting skills. Students will create with graphite, charcoal, pastels, colored pencils, markers, scratch board pens, brushes, and pen and ink. Students will paint with watercolor, colored inks, acrylics, and oils. The computer and airbrush will be explored.

Course Style: A succession of projects based drawing and painting techniques. Instruction includes demonstration, discussion, visual presentation, hands-on work, and the development of a portfolio.

7341 COMMERCIAL ART

Semester 0.5 Credits

Prerequisite: Basic Art and Drawing & Painting **and teacher permission**

Grad Req: Satisfies arts requirement or elective requirement.

Content: This course is designed for the advanced student who is interested in the field of commercial art. Students will be introduced to the techniques of illustration, airbrushing, screen printing, and computer design. Some of the projects include logo design, T-shirt design, greeting card design, yearbook advertisement design, and sports and fashion illustration.

Course Style: A succession of commercially oriented projects exposing the student to the world of graphic art and marketing. Instruction includes demonstrations, discussions, visual presentations, the development of a portfolio, and critiques to guide learning.

7101-7102 STUDIO ART 1&2

Year 1.0 Credits

Prerequisite: Basic Art & Drawing and Painting

Grad Req: Satisfies arts requirement or elective requirement.

Content: This course is offered for the serious minded and academically mature art student. Students will choose their own area of interest in either drawing, painting, or commercial art. Students will complete 10-20 slides for a visual portfolio of their best work. The student will complete projects in drawing, painting, airbrush, canvas, art history, wire, computer graphics, printmaking, watercolor, and figure drawing. Students will commit to a timeline for completing large, lengthy projects. This course is intended to develop the serious art student's exploration and growth in artistic problem solving in broad variety of two-dimensional media.

Course Style: Series of high level projects that challenge expressive and imaginative artistic problem solving.

Exhibition of work is required. Instruction includes demonstrations, discussions, visual presentations, and critiques to guide learning.

7301-7302 AP STUDIO ART 1&2

Year 1.0 Credits

Prerequisite: 4 semesters of visual art classes.

Grad Req: Satisfies arts requirement or elective requirement.

Content: AP Studio Art 1&2 is a course intended for the serious art student who wishes to explore art at the college levels. Students are expected to work independently as an adult member of the class. Students are expected to complete either one design portfolio, or one drawing portfolio. The course curriculum follows the guidelines of the Advanced Placement College Board. The fee will be by the student when submitting the portfolio for the College Board examiners. The student will be expected to purchase slide film and materials beyond normal art supplies.

Course Style: Students will develop a quality portfolio to submit to the AP College Board. Instruction includes demonstrations, discussions, visual presentations, and critiques to guide learning.

CERAMICS COURSES

7131 CERAMICS 1

Semester 0.5 Credits

Prerequisite: None

Grad Req: Satisfies arts requirement or elective requirement.

Content: Introduction to ceramic form with emphasis on the hand-building techniques of pinch, coil, and slab as well as glaze application. This course familiarizes students with the basic skills and techniques of clay arts.

Course Style: Series of projects based on knowledge, comprehension, and application. Discussion, demonstrations, and visual presentations support the primary goal of "hands-on" exploration.

7132 CERAMICS 2

Semester 0.5 Credits

Prerequisite: Ceramics 1

Grad Req: Satisfies arts requirement or elective requirement.

Content: Builds on knowledge base of Ceramics 1 with primary content focusing on wheel thrown forms. Develops a sense of process with introduction into clay making, glaze mixing, kilns, and firing techniques.

Course Style: Series of projects based on introductory techniques of the wheel throwing process. Discussion, demonstrations, and visual presentations support the primary goal of "hands-on" exploration.

7221-7222 CERAMICS 3&4

Semester 0.5 Credits

Prerequisite: Ceramics 1&2 **and teacher permission.**

Grad Req: Satisfies arts requirement or elective requirement.

Pathways: Arts

Content: Students will create a series of projects both wheel thrown and hand-built that is based on skills and

knowledge acquired from Ceramics 1&2. They will focus on the creative process through "hands-on" exploration supported by discussion, demonstration, visual presentations, and individual instructor assistance. This course allows the serious art student to explore and grow in the ceramic medium while continuing to develop creative thinking skills and art appreciation through analysis, application, and evaluation.

Course Style: Series of independently developed projects supported by critique and group discussion. Exhibition of student work and portfolio required.

7223-7224 CERAMICS 5&6

Semester 0.5 Credits

Prerequisite: Ceramics 3&4 **and teacher permission.**

Grad Req: Satisfies arts requirement or elective requirement.

Content: Students will create a series of projects both wheel thrown and hand-built that is based on skills and knowledge acquired from Ceramics 3&4. They will focus on the creative process through "hands-on" exploration supported by discussion, demonstration, visual presentations, and individual instructor assistance. This course allows the serious art student to explore and grow in the ceramic medium while continuing to develop creative thinking skills and art appreciation through analysis, application, and evaluation.

Course Style: Series of independently developed projects supported by critique and group discussion. Exhibition of student work and portfolio required.

7323-7324 AP ART HISTORY 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior, or senior status. Students who have a strong interest in history & art, and willingness to face academic challenge.

Grad Req: Satisfies arts or elective requirement.

Content: AP Art History 1&2 is a course intended to provide students with a learning experience equivalent to that of an introductory college art history survey. AP Art History offers a chronological survey of Western Art from the antiquity to present time. In this course students will examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures, including drawing, prints, painting, sculpture, photography, and architecture. The course curriculum follows the guidelines of the Advanced Placement College Board.

Course Style: Lecture, visual presentations, discussions, reading (textbook and supplemental), research/exams.

BUSINESS EDUCATION

(These courses meet the graduation requirement for Occupational Education credit.)

Business education develops knowledge in these areas:

1. Education to prepare individuals with the computer skills to live in our technological, business-oriented society.
2. Education for individuals who seek employment in office administration and management, secretarial, clerical, accounting, data processing, and word processing fields.

A work site learning experience is available to students during their senior year. Students are placed in local businesses where they can receive 0.5 credits each semester for 180 hours of successful work site learning experience. A teacher coordinator will work with each student, parent, counselor, and employer to establish a good working relationship. DECA activities are integrated into the business curriculum. These activities promote leadership skills, career opportunities in business, community service, and personal growth.

TECH PREP IN BUSINESS EDUCATION

The Tech Prep program in Business Education allows students to earn college credits at Columbia Basin College through an articulation agreement with the area high schools. More information is available through the Kamiakin High School counseling office and the Business Department.

8127-8128 ACCOUNTING 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior, senior status

Grad Req: Satisfies occupational education requirement or elective requirement or .5 Occupational Ed and .5 Math.

Content: This course is designed to provide the skills and knowledge necessary for employment in accounting and related business occupations. First semester includes instruction in accounting procedures for a sole proprietorship and partnership including payroll accounting and an introduction to computerized accounting. Second semester accounting includes procedures for a corporation and computerized accounting. This course is a must for student planning to major in business at the college

level. Realistic simulations and projects create an active, involved learning environment. Students who meet the requirements may earn credit through the Tech Prep Direct Credit program.

Course Style: Lecture and simulations.

8131-8132 ACCOUNTING 3&4

Year 1.0 Credits

Prerequisite: Accounting 2 with a passing grade.

Grad Req: Satisfies occupational education requirement or elective requirement or 0.5 Occupational Ed and 0.5 Math.

Content: This course is designed to provide advanced skills and knowledge necessary for employment in accounting and business occupations and includes instruction in management accounting, cost accounting and not-for-profit accounting and financial systems. Students who meet the requirements may earn Tech Prep Direct Credit.

Course Style: Lecture and simulations.

8129-8130 BUSINESS ENGLISH 1&2

Year 1.0 Credits

Prerequisite: English 1-4 and Computer Applications 1-2;

Grad. Req. Satisfies occupational education requirement or English elective requirement.

Content: This course focuses on verbal and nonverbal communication skills as they pertain to the workplace. Technical writing skills are emphasized. Students participate in a variety of activities designed to improve leadership skills as well as team and individual work habits. Note: This course may not meet English admission requirements to some colleges/universities or the NCAA.

Course Style: Lecture, discussion, and in-depth writing.

8247-8248 FINANCIAL MANAGEMENT 1&2 Pending Approval

Year 1.0 Credits

Prerequisite: Junior, senior status

Grad. Req. Satisfies occupational education requirement or math elective requirement.

Content: This course is designed to provide students with opportunities to develop skills for solving real-world problems. It focuses on areas of study that address problem solving through applications in personal finance including financial planning, personal investing, budgeting, tax planning, real estate financing, credit management, insurance protection, retirement and estate planning, payroll, pricing, interest and discount, commission, taxes, and other pertinent uses of mathematics in the field of business.

8121-8122 COMPUTER APPLICATIONS 1&2

Year 1.0 Credits

Prerequisite: None

Grad. Req: Satisfies occupational education and elective credit. This course meets the computer competency requirement for graduation.

Content: Students will learn functions and shortcuts from Microsoft Windows, Word, PowerPoint, Excel, and Access software to format documents. Prepare the foundation for your future by learning how to use word processing, presentation, spreadsheet, and database software. Improve your keyboarding rate and learn the 10 key numeric pad. Learn to research and document Internet information. Enhance projects with digital tools. Students who meet the requirements may earn college credit through the Tech Prep Direct Credit program.

Course Style: Lecture and hands-on typing skill development.

8215-8216 MULTIMEDIA DESIGN 1&2

Year 1.0 Credits

Prerequisite: Computer Applications 1&2 OR Computer Science 1&2 or Computer Competency Assessment.

Grad. Req: Satisfies occupational education requirement, arts requirement, or elective requirement.

Content: Animation, digital video, graphic design and editing, audio production-where can you learn all the tools to create fantastic multimedia projects? Take Multimedia Design. Learn to use a wide variety of interactive multimedia tools to create projects such as podcasts, interactive DVD's, and on line exhibits. This course emphasizes conception and planning, solving challenges, personal artistic expressions and communication through multimedia technology.

8173-8174 WEB PAGE DESIGN 1&2

Year 1.0 Credits

Prerequisite: Computer Applications 1-2 recommended; sophomore, junior, or senior status.

Grad. Req: Satisfies occupational education requirement, arts requirement, or elective requirement.

Content: A picture says three words, "I created that!" Turn your digital creations into web-based multimedia using the basics of text, links, and graphics. Then dazzle your viewers by adding animation, sound, and video. We will also explore: good web design principles, how to manage sites, basic HTML, basic CSS, using Fireworks and Dreamweaver to create web pages, how to

use Library Items and Templates to save time. During the two semesters of this class, you will create your own web site and a customer/client site. Students who meet the requirements may earn college credit through the Tech Prep Direct Credit program.

8175-8176 WEB PAGE DESIGN 3&4

Year 1.0 Credits

Prerequisite: Web Page Design 1-2; junior or senior status.

Grad. Req: **Satisfies Culminating Project requirement**, occupational education requirement, arts requirement, or elective requirement.

Content: Amp up your web design skills with advanced techniques including: advanced CSS, advanced graphics, add video to your web page and animation with ActionScript. Beat “static page” despair with data-driven content, which updates on the fly. Learn to create interactivity using ActionScript, databases, and ASP. During the two semesters of this class, you will create a digital portfolio of your creations and a customer/client site.

8153-8154 WORK SITE LEARNING 1&2

Year 1.0 Credits

Prerequisite: Junior or senior status; concurrently enrolled in an advanced business or marketing course.

Grad. Req: Satisfies occupational education requirement or elective requirement.

Content: Work-site learning integrates classroom instruction with productive, structured work experiences that are directly related to a sequence of courses and are aligned to the students’ career path and education plan. This experience uses on-the-job training to provide the student a beneficial learning experience within a business under the supervision of a mentor. Credit is earned by working in approved job and completing all required documentation and learning objectives. Students must work a minimum of 180 hours to earn a .5 credit. Students must commit to two semesters and if a student withdraws from work-site learning after the building withdrawal deadline and prior to the completion of the semester, the student shall receive a failing grade for the work-site learning and may be withdraw from the concurrent class and receive a failing grade.

Course Style: Actual work experience in the business world.

FAMILY AND CONSUMER SCIENCE

(These courses meet the graduation requirement for Occupational Education credit.)

The Family and Consumer Science curriculum is focused on the entire area of personal and family living, and the needs, interests, and capabilities of the students. Our program provides experiences that will help students develop skills and judgments to better serve them in a changing society. The Fiber Arts and Interior Design course meets the Fine Arts requirements for universities in Washington. Materials may be required for some courses.

8181-8182 CHILD PSYCHOLOGY 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior, or senior status.

Grad. Req: Satisfies occupational education requirement or elective requirement.

Content: Why do children behave the way they do? Learn basic human development and behavioral characteristics of the individual within the context of the family. Areas of focus will include principles of human growth and development, factors that impact human growth and development, and strategies that promote human growth and development across the life span. Students will evaluate the impact of parenting roles and responsibilities on strengthening the well being of individuals and families and develop skills to work with young children. Hands on activities will include a pre-school and tutoring young children. Upon successful completion of this course, student may earn college credit through the Tech Prep Direct Credit program.

Course Style: Discussion, group work (play school), and independent assignments.

8187 FOODS AND NUTRITION

Semester 0.5 Credits

Prerequisite: Sophomore, junior, or senior status.

Grad. Req: Satisfies occupational education requirement or elective requirement.

Content: Learn the basics of nutrition and healthy cooking. The class will address factors that influence food safety, wellness and nutritional needs. Lab activities will include the preparation of a variety of foods stressing measuring techniques, terminology and use of equipment.

Course Style: Discussions, demonstrations, individualized assignments, food analysis, and some tests.

8185-8186 FOOD SCIENCE 1&2

Year 1.0 Credits

Prerequisite: Junior or senior status

Grad. Req: Non-lab science requirement or elective requirement. Satisfies occupational education requirement,

Content: Have you ever wondered what the shelf life of a Twinkie is? In this class students will learn about the producing, processing, preparing, evaluating, and preservation of foods. Lab activities will demonstrate the close relationship between food and the scientific world as students explore all the fun in the field of Food Science.
Course Style: Lecture, individual assignments, and cooperative lab work.

8189-8190 INTERIOR DESIGN 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior or senior status.

Grad. Req: Satisfies occupational education requirement, arts, or elective requirement.

Content: Designers Challenge and Trading Spaces have just moved into the classroom. Find the designer in you as you learn about the skills needed to redecorate, select furniture, and design color schemes. Activities will involve analyzing, planning, designing, furnishing and equipping personal, work and leisure spaces. An applied decorating project in class and at home will be completed. Materials will be required.

Course Style: Individual projects, group work, speakers, demonstrations, and written assignments.

8188 INDEPENDENT LIVING

Semester 0.5 Credits

Prerequisite Freshman, sophomore, junior, or senior status.

Grad. Req: Satisfies occupational education requirement or elective requirement.

Content: How will you survive in *the real world*? This is a hands-on class that focuses on life after high school. Living on your own requires: knowing about yourself, exploring housing options, discovering how to make money work for you, creating simple healthy meals and caring for your clothes and car. You will be surviving on your own sooner than you think and this class will help you prepare for independence!

Course Style: Individual projects, group work, speakers, demonstrations, and written assignments.

8192 CAREER AND CONSUMER CONNECTIONS

Semester 0.5 Credits

Prerequisite: Junior or senior status.

Grad. Req: **Satisfies Culminating Project requirement (50 hours of outside classroom time required)**, occupational education requirement, or elective requirement.

Content: This class will connect you as a consumer to your future community. What does your financial future look like? What post-secondary training are you headed for? What career interests will you pursue? Discover the answers to these questions while also learning how to budget your money, set goals and make wise decisions.

Course Style: Individual projects, group work, speakers, demonstrations, and written assignments.

8183-8184 FIBER ARTS 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior, or senior status.

Grad. Req: Satisfies arts requirement, occupational education requirement or elective requirement.

Content: Sew What? Students will learn about textile, read and understand patterns, the characteristics of fabrics, consumer skills and career opportunities in the fabric and apparel industry. Historical, cultural, economic, and influences on wardrobe choices and fashion will be examined. Materials will be required for projects.

Course Style: Individual projects, group work, speakers, demonstrations, and written assignments.

8191 PERSONAL CHOICES

Semester 0.5 Credits

Prerequisite: Freshman, sophomore, junior, or senior status.

Grad. Req: Satisfies occupational education requirement or elective requirement.

Content: Make wise decisions! Students will learn about understanding themselves, how to create healthy relationships with the people around them and how to manage a variety of resources including time, energy and money. Decision making, goal setting and problem solving skills will be developed.

Course Style: Individual projects, group work, speakers, demonstrations, and written assignments.

6401 FOOD AND FITNESS 1

Semester 0.5 Credits

Prerequisite: Sophomore, junior, or senior status.

Grad. Req: Satisfies occupational education requirement, elective requirement, or PE requirement.

Content: Learn how everyday foods and the latest exercise trends can help maintain a healthy body weight and enjoyable lifestyle. Course time is divided between the foods lab and fitness lab. In the foods lab, you will learn how to eat healthy and to prepare easy, quick, low calorie foods. The fitness lab will focus on vigorous aerobic and strength exercises.

Course Content: Lecture, discussion, individual assignments, tests, and physical participation.

8197-8198 TEAM READ 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior, or senior status; WA State Patrol background check required; parent permission.

Grad. Req: Satisfies occupational education requirement or elective requirement.

Content: 7th hour only. You must have transportation and parent permission to be off campus. A background check is required. A minimum 2.0 GPA is required. Students learn about the importance of community service and giving to their community through participating in Team Read. High School students are mentors to elementary school students and provide tutoring in reading. Students are trained in workplace skills, leadership community service, mentoring, and children's literacy.

Course Style: This is an application course involving the learning about and the practice of teaching reading. Students are required to do outside-the-classroom work. Some expenses may be involved.

LANGUAGE ARTS

The English curriculum at Kamiakin is a comprehensive, sequential program that seeks to provide essential literary knowledge and communication skills while providing intellectual challenges based on need and interest. Required courses provide the foundation for more advanced study.

FRESHMEN are required to take English 1&2.

SOPHOMORES are required to take English 3&4. Students must pass either English 1 or English 2 before taking English 3& 4.

JUNIORS should take 0.5 credit writing elective and 0.5 credit literature elective.

SENIORS take two 0.5 English elective courses.

FRESHMAN AND SOPHOMORE REQUIRED ENGLISH CLASSES

1101-1102 ENGLISH 1&2

Year 1.0 Credits

Prerequisite: None

Grad. Req: Satisfies English requirement.

Content: **Reading:** Fiction, non-fiction, drama, and poetry. **Writing:** Paragraphs and multi paragraph essays.

Communication: Speeches and classroom discussion. This course is an introduction to high school English. It emphasizes basic concepts of composition and literature in order to prepare students for upper division courses. Passing the course is required for enrollment in English 3&4.

Course Style: Lecture, essay writing, reading, and discussion.

1201-1202 ENGLISH 3&4

Year 1.0 Credits

Prerequisite: Passing grade in either English 1 or English 2.

Grad. Req: Satisfies English requirement.

Content: **Reading:** Fiction, non-fiction, drama, and poetry. **Writing:** Persuasive, expository and analytical essays.

Communication: Speeches and classroom discussion. English 3-4 reinforces the basic skills introduced in English 1-2. The primary components include literary analysis, individual work, and group participation. Persuasive and research writing are also taught.

Course Style: Lecture, essay writing, reading, discussion, and career exploration.

1221-1222 PRE AP ENGLISH 3&4

Year 1.0 Credits

Prerequisite: Sophomore status and successful completion of English 1-2.

Grad. Req: Satisfies sophomore English requirement.

Content: **Reading:** Fiction, non-fiction, drama, and poetry. **Writing:** Persuasive and analytical essays.

Communication: Speeches and classroom discussion. Pre-AP English 3-4 course covers material similar to English 3&4, but emphasis is placed on students developing their abilities to analyze literature at various interpretive levels. This course will also introduce students to more complex literary strategies, including rhetorical and grammatical concepts.

Course Style: Lecture, essay writing, reading, discussion, and career exploration.

JUNIOR/SENIOR YEAR REQUIRED LITERATURE & WRITING OPTIONS

1311-1312 AMERICAN LITERATURE 1&2

Year 1.0 Credits

Prerequisite: Junior or senior status.

Grad. Req: Satisfies English literature and writing requirement. A two-semester enrollment is required to earn writing credit. If you take one semester only, the class will count as a literature credit.

Content: **Reading:** Fiction and non-fiction, novels, short stories, drama, and poems. **Communication:** Class discussion and presentations. This is a survey course of major American writers through modern times. A textbook and outside novels are featured.

Course Style: Lecture, discussion, individual assignments, tests, and projects.

1371-1372 Jr/Sr COMPOSITION /COMMUNICATION 1&2

Year 1.0 Credits

Prerequisite: Junior, senior status.

Grad. Req: Satisfies writing requirement.

Content: **Reading:** Examples of student writing and published works of all types assigned. **Writing:** Expository, research, and persuasive essay; reviews; personal and business writing. Writing skills for college and the work place will be strengthened through a variety of report, essay, and narrative writing assignments.

Communication: Research, prepare and deliver speeches.

Course Style: Discussions, reading, essays, and speeches. Listening and working cooperatively with others, writing well, and speaking articulately are skills employers and colleges are requiring.

1451-1452 ENGLISH FOR COLLEGE 1&2

Year 1.0 Credits

Prerequisite: Junior, senior status

Grad. Req: Satisfies writing requirement.

Content: **Reading:** Novels, plays, non-fiction essays, and classics. **Writing:** Essays: college application, research paper, and literary analysis. This course prepares students for college level reading, writing, and speaking. It also focuses on SAT preparation, test taking strategies, vocabulary and reading comprehension skills, vocabulary, and college selection processes.

Course Style: Lecture, discussion, and individualized assignments.

1462 MYTHOLOGY

Semester 0.5 Credits

Prerequisite: Junior, senior status

Grad. Req: Satisfies literature requirement.

Content: **Reading:** Myths, epic poetry, nonfiction, excerpts from the literature of the great religions. **Writing:** analytical and interpretative writing. **Communication:** Class discussion and presentations. Myth and the Bible are the root of Western Literature.

Course Style: Lecture, discussion, individual assignments, and tests.

1482 CLASSICS

Semester 0.5 Credits

Prerequisite: Junior, senior status. Recommended for skilled readers.

Grad. Req: Satisfies literature requirement.

Content: **Reading:** Fiction and non-fiction, novels, short stories, drama, and poems. **Writing:** Analytical and interpretative essays. **Communication:** Class discussion and presentations. Great works of literature will be studied. Authors may include Sophocles, Dante, Shakespeare, Voltaire, Dickens, Rostand, and others. The course contains challenging reading for motivated students.

Course Style: Lecture, discussion, individual assignments, and tests.

1481 WORLD LITERATURE

Semester 0.5 Credits

Prerequisite: Junior, senior status.

Grad. Req: Satisfies literature requirement.

Content: **Reading:** Fiction and non-fiction, novels, short stories, drama, and poems. **Writing:** Analytical and interpretative writing. **Communication:** Class discussion and presentations. Students analyze short stories, plays, poetry, and novels(s) from different cultures and times. Emphasis is on increasing multi-cultural awareness.

Course Style: Lecture, discussion, individual assignments, and tests.

1441 CREATIVE WRITING 1

Semester 0.5 Credits

Prerequisite: Junior, senior status.

Grad. Req: Satisfies writing requirement.

Content: **Reading:** Poems, stories, personal essays (both student and published example).

Writing: Poems, stories, and personal essays. This course develops abilities and techniques in writing poetry, personal essays, and short stories. Major goals include developing a sense of discovery, deepening understanding of the writing process, and doing extended revision. Projects often are published in class booklets.

Course Style: Series of projects, usually based on personal experience; frequent starters-selection-revision and development; some reading aloud of own work; group work.

1321-1322 AP ENGLISH LANGUAGE AND COMPOSITION 1&2

Year 1.0 Credits

Prerequisite: Senior or junior status. A student is expected to earn a B or higher in all high school English classes. exceptions are by teacher permission only.

Grad. Req: Satisfies literature and writing requirement when 1.0 credit is earned.

Content: **Reading** a wide variety of literary works with emphasis on essay and other nonfiction pieces. Most selections are by American authors. **Writing** analytical, narrative, and argumentative essays, often time restricted, test like settings. Assignments are aimed at preparing students for college-level writing expectations. Students taking AP English Language and Composition will prepare themselves for college level English coursework as well as the AP Exam. A score of three or higher on the AP Exam may qualify students to receive college credit at entrance.

Course Style: Emphasis on class discussion and on college-level writing assignments. Grades will be based primarily on writing assignments and on AP style exams.

1411-1412 AP ENGLISH LITERATURE AND COMPOSITION 1&2

Year 1.0 Credits

Prerequisite: Senior or junior status. A student is expected to earn a B or higher in all high school English classes. exceptions are by teacher permission only.

Grad. Req: Satisfies literature and writing requirement when 1.0 credit is earned

Content: **Reading:** Longer literary pieces of all genres; short excerpts of difficult materials examined in depth.

Writing: Interpretive and analytical essays, often in time-restricted, test-like settings; preparation for the advanced placement tests. **Communication:** Oral presentations, seminar expectations to lead, discuss, and defend ideas. Students taking AP English Literature and Composition will prepare themselves for college level English coursework as well as the AP Exam. A score of three or higher on the A.P. Exam may qualify high school students to receive college credit at entrance.

Course Style: Emphasis upon independent study, collegial responsibility, and grading through examination.

ELECTIVE ENGLISH OPTIONS

1471 DEBATE 1

Semester 0.5 Credits

Prerequisite: Junior, senior status.

Grad. Req: Satisfies elective English requirement.

Content: **Reading:** Research of current events. **Writing:** Persuasive speeches.

Communication: Present prepared and impromptu persuasive speeches. Think clearly using reasoning models. This speech class is an introduction to two major types of high school debate: policy debate and Lincoln-Douglas debate. Thinking skills, research, and organization are emphasized.

Course Style: Project oriented, discussion, speeches, research, written cases.

1351-1352 JOURNALISM 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior or senior status.

Grad. Req: Satisfies elective English writing requirement for juniors and seniors or elective requirement for Freshmen or Sophomores.

Content: **Writing:** Advanced writing skills are strengthened through study and practice of journalistic writing style. This is a production oriented class where students will write and edit stories for the school newspaper. A professional job atmosphere is promoted as part of the working as a team member, meeting deadlines, selling advertising, and learning publishing skills such as word processing and layout design. Page editors also gain experience in supervising reporters and meeting publishing deadlines.

Course Style: Lecture, discussion, individual assignments, tests, and projects.

1491-1492 JOURNALISM 3&4

Year 1.0 Credits

Prerequisite: Junior, senior status and Journalism 1&2.

Grad. Req: **Satisfies Culminating Project requirement (50 hours of outside classroom time required),**

Satisfies elective English writing requirement for juniors and seniors, also

Content: The primary purpose is the production of the school newspaper. More challenging and complex assignments and story ideas will be pursued.

Course Style: Lecture, discussion, individual assignments, tests, and projects.

7191-7192 DRAMA PRODUCTION 1&2

Year 1.0 Credits

Prerequisite: None

Grad. Req: Junior and seniors English elective credit, freshmen and sophomore general elective credit, and meets Arts credit. The course may be repeated, but only 0.5 credit may be applied to the English requirement.

Content: **Reading:** Dramas, scripts, and play roles. **Communication:** Interpreting roles and playing a variety of character parts. Dramatics gives experienced students in depth training in aspects of acting and technical procedures. A class play will be produced.

Course Style: Project focused including reading assignments, doing hands-on theatre work, focusing on acting, and learning through participation.

ENGLISH LAB PROGRAM

1171-1172 READING LAB 1&2

Year 1.0 Credits

Prerequisite: Teacher referral only.

Grad. Req: Satisfies elective credit.

Content: This class is for students who show a pattern of significant underachievement in reading. Course objectives for students include developing grade level reading skills and success in content area classes through individualized diagnosis and instruction in reading, completing computer assisted reading practice and review of basic skills. Independent and assisted study opportunity is directed for work assigned in other classes and independent self selected reading. Course Style: Lecture, discussion, individual assignments, tests, and projects.

1271-1272 READING LAB 3&4

Year 1.0 Credits

Prerequisite: Teacher referral only.

Grad. Req: Satisfies elective credit.

Content: This class is for students who show a pattern of significant underachievement in reading. Course objectives for students include developing grade level reading skills and success in content area classes through individualized diagnosis and instruction in reading, completing computer assisted reading practice and review of basic skills. Independent and assisted study opportunity is directed for work assigned in other classes and independent self selected reading. Course Style: Lecture, discussion, individual assignments, tests, and projects.

MARKETING EDUCATION

DECA

Association of Marketing Students

(These courses meet the graduation requirement for Occupational Education credit.)

The Marketing Education program balances three important parts:

1. The classroom: Where a student is able to study the marketing field.
 2. The job training station (Marketing Work Experience): Where a student is able to apply what has been learning in the classroom, and develop practical skills.
 3. DECA is where a student is able to develop leadership, professional, and social skills. Students will be able to participate in related DECA activities.
- Students first enroll in either Marketing, Fashion Marketing, Sports and Entertainment Marketing, or Student Store Operations. Students wishing applied experience follow up with Marketing Work Experience and advanced courses of Marketing/Management, Entrepreneurship, or Advanced Sports and Entertainment Marketing.

8135-8136 INTRODUCTION TO MARKETING 1&2

Year 1.0 Credits

Prerequisite: None

Grad. Req: Satisfies occupational education requirement or elective requirement.

Content: This course is designed for students who would like to go into the marketing and business fields. Students learn the fundamentals of marketing and basic business principles, including promotion, distribution, economics, human relations, financial management, and entrepreneurship. Student leadership opportunities are available through DECA, an international association of marketing students. Eligible students may receive college credit through the Tech Prep Direct Credit program.

8139- 8140 MARKETING MANAGEMENT 1&2

Year 1.0 Credits

Prerequisite: Junior or senior status; satisfactory completion of any other marketing class. Exceptions made with teacher permission.

Grad. Req: Satisfies occupational education requirement or elective requirement.

Content: Do you have a business management potential? This course looks at business from the manager's eyes and includes job search, selling, economics, advertising and promotion, human relations, and management training. Hands-on and project based activities are emphasized and include presentations to outside groups, role-playing, teaching business concepts to elementary students and working with a local business to develop a promotion plan. Students are active participants in DECA. Students who meet the requirements may earn college credit through the Tech Prep Direct Credit program.

8145-8146 ENTREPRENEURSHIP 1&2

Year 1.0 Credits

Prerequisite: Senior status; satisfactory completion of any other marketing class. Exceptions made with teacher permission.

Grad. Req: **Satisfies Culminating Project requirement**, occupational education requirement or elective requirement

Content: Are you interested in starting your own business? This project based course will include risk taking, creativity, and basic steps to start any type of business. Students learn product development, marketing and management functions associated with owning and operating a business. Students will complete their culminating project in this class. Students are active in DECA and leadership, competitive events, and working with the community. Students who meet the requirements may earn college credit through the Tech Prep Direct Credit program.

8137-8138 SPORTS/ENTERTAINMENT MARKETING 1&2

Year 1.0 Credits

Prerequisite: None

Grad. Req: Satisfies occupational education requirement or elective requirement.

Content: This class is designed for students with an interest in the sports and entertainment industry. Topics emphasized include: business communication, job attainment skills, economics, the 4P's (produce, price, place, and promotion), networking, leadership, management, business ethics, sales, advertising, and experience gained by working in student businesses. Concepts will be delivered through projects involving local sports and entertainment businesses. An integral part of the program is participation in student leadership through DECA. Students who meet the requirements may earn college credit through the Tech Prep Direct Credit program.

8147-8148 ADV. SPORTS/ENTERTAINMENT MARKETING 1&2

Year 1.0 Credits

Prerequisite: Senior status and completion of two semesters of Sports & Entertainment Marketing.

Grad. Req: **Satisfies Culminating Project requirement**, occupational education or elective requirement.

Content: Students will apply what they learned in their Sports and Entertainment Marketing 1&2 class through various projects and partnerships with local sports and entertainment organizations. Students are involved in job shadow and internship experiences. Students are active participants in DECA. Students who meet the requirements may earn college credit through the Tech Prep Direct Credit program. Interested students may participate in work-based learning.

8149-8150 FASHION MARKETING 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior, or senior status

Grad. Req: Satisfies occupational education requirement, arts or elective requirement.

Content: This course prepares students for the fashion and marketing industry. Students will learn about the history of fashion, trends and the fashion cycle, advertising and promotion, terminology, display, wardrobe planning. Students will study the economics of the fashion industry, design, buying and visual merchandising. Student leadership opportunities are available through DECA, an international association of marketing students. Students who meet the requirements may earn college credit through the Tech Prep Direct Credit program.

8141-8142 MARKETING OPERATIONS 1&2

Year 1.0 Credits

Prerequisite: None

Grad. Req: Satisfies occupational education requirement or elective requirement.

Content: This class will help to prepare students for the global retail market by being involved in the operation of the student store, Students will work in the student store and will be trained in the following areas: loss prevention, customer service, human relations, team building, advertising, promotion, selling, merchandising, entrepreneurship, and through participation in individual projects. Student leadership opportunities are available through DECA, an international association of marketing students. Students who meet the requirements may earn college credit through the Tech Prep Direct Credit program. Interested students may participated in work-based learning.

8143-8144 MARKETING OPERATIONS 3&4

Year 1.0 Credits

Prerequisite: Successful completion of Marketing Operations 1-2 and teacher permission

Grad. Req: Satisfies occupational education requirement or elective requirement.

Content: Students are involved with in the daily operation and management of the school store. Students learn about all aspects of managing a business.

Students are involved in student leadership through DECA.

8153-8154 WORK SITE LEARNING 1&2

Year 1.0 Credits

Prerequisite: Junior or senior status; concurrently enrolled in an advanced business or marketing course

Grad. Req. Satisfies occupational education requirement or elective requirement

Content: Work-site learning integrates classroom instruction with productive, structured work experiences that are directly related to a sequence of courses and are aligned to the students' career path and education plan. This experience uses on-the-job training to provide the student a beneficial learning experience within a business under the supervision of a mentor. Credit is earned by working in approved job and completing all required documentation and learning objectives. Students must work a minimum of 180 hours to earn a .5 credit. Students must commit to two semesters. If a student withdraws from work-site learning after the building withdrawal deadline and prior to the completion of the semester, the student shall receive a failing grade for the work-site learning and may be withdraw from the concurrent class receiving a failing grade.

MATHEMATICS

STANDARD MATHEMATICS COURSES

2101-2102 ALGEBRA 1&2

Year 1.0 Credits

Prerequisite: Algebra readiness

Grad. Req: Satisfies math requirement.

Content: This is a first year algebra course.

The student will understand process, the use and interpretation of symbols, fundamental algebraic operations, evaluation of algebraic expression. And the use of exponents solving and graphing equations, and factoring. Success in this course is required for students to proceed on to Geometry.

Course Style: Lecture, discussion, and individualized problems.

2201-2202 GEOMETRY 1&2

Year 1.0 Credits

Prerequisite: Satisfactory completion Algebra 1-2

Grad. Req: Satisfies math requirement.

Content: This is a course basic to the study of higher mathematics. It is a rigorous course. Emphasis will be placed on polynomial, logarithmic, exponential, matrices, algebraic and trigonometric functions.

Course Style: Lecture, discussion, and individualized problems.

2301-2302 ALGEBRA 3&4 Year 1.0 Credits

Prerequisite: Satisfactory completion of Algebra 1-2 and Geometry 1-2 or equivalents

Grad. Req: Satisfies math requirement.

Content: Emphasis will be on polynomial, logarithmic, exponential, algebraic, and trigonometric functions. Enrichment

topics will include analytic geometry, matrices, probability and statistics, and number theory.
Course Style: Lecture, discussion, and individualized problems.

2307-2308 ALGEBRA 3 ENRICHED 1&2 Year 1.0 Credits (11th grade level course)

2309-2310 ALGEBRA 4 ENRICHED 1&2 Year 1.0 Credits (12th grade level course)

Prerequisite: Satisfactory completion of Algebra 1-2 and Geometry 1-2 or equivalents and teacher recommendation.

Grad. Req: Satisfies math requirement.

Content: This is a two year math program. Emphasis will be on polynomial, logarithmic, exponential, algebraic, and trigonometric functions. Enrichment topics will include analytic geometry, matrices, probability and statistics, and number theory.

Course Style: Lecture, discussion, and individualized problems.

2401-2402 PRE-CALCULUS 1&2

Year 1.0 Credits

Prerequisite: Satisfactory completion of Algebra 3-4 and teacher recommendation.

Grad. Req: Satisfies math requirement. Generally a 12th grade course.

Content: This course offers to the student the study of trigonometry, analytic geometry, mathematical induction with emphasis on formal proof. Other topics are the real number properties, vectors, polynomial functions, complex numbers, and matrices. This course is intended to develop the student's abstract and numeric thinking skills.

Course Style: Lecture, discussion, and individualized problems.

8221-8222 APPLIED MATH 1&2

Year 1.0 Credits

Prerequisite: teacher recommendation and senior status.

Grad. Req: Satisfies math requirement

Content: This course teaches algebra and geometry concepts in the context of occupational settings. Students are engaged through cooperative teams, allowing them to participate in laboratory-centered, hands on activities that make mathematical concepts practical and relevant. This is a competency based curriculum that emphasizes problem solving, decision making, and hands-on learning..

2361-2362 SEGMENTED MATH 1&2

Year 1.0 Credits

Prerequisite: teacher recommendation, junior or senior status.

Grad. Req: Satisfies math requirement

Content: The Segmented Mathematics course is an alternative for students who have not met standard on the mathematics portion of the high school HSBP It provides a segmented instructional approach. The course will assist students to improve competencies and meet standard by increasing mathematics instruction time. The course provides intensive GLE aligned instruction.

HONORS MATHEMATICS COURSES

The honors program is a rigorous curriculum designed for the better than average student with a strong interest and aptitude in mathematics. The students will be expected to master material at a faster than normal pace and the home-work demands are extensive. This program is directed toward college bound students with an interest in fields requiring a solid background in mathematics such as applied or theoretical mathematics, any area of science, and/or engineering. In order to enter and then to continue in the Honors Program, students must maintain a quarter grade of B-. Exceptions may be made with teacher permission.

2121-2122 HONORS ALGEBRA 1&2

Year 1.0 Credits

Prerequisite: Middle school teacher recommendation.

Grad. Req: Satisfies math requirement.

Content: Standard Algebra topics will be explored in greater depth. Some emphasis will be given to direct and inverse variation, radical expressions, and linear and quadratic equations and inequalities.

Course Style: Lecture, discussion, and individualized problems.

2221-2222 HONORS GEOMETRY 1&2

Year 1.0 Credits

Prerequisite: Satisfactory completion of Honors Algebra 1-2 and teacher recommendation

Grad. Req: Satisfies math requirement.

Content: This course includes non-Euclidean geometry, symbolic logic, and an overall dedication to the analytical and/or formal structure of geometry. It is intended to develop the student's abstract and numeric thinking skills.

Course Style: Lecture, discussion, and individualized problems.

2321-2332 HONORS ALGEBRA 3&4

Year 1.0 Credits

Prerequisite: Satisfactory completion of Honor Geometry 1-2 and teacher recommendation.

Grad. Req: Satisfies math requirement.

Content: Emphasis will be on polynomial, logarithmic, exponential, algebraic, and trigonometric functions. Enrichment topics will include analytic geometry, matrices, probability and statistics, and number theory.

Course Style: Lecture, discussion, and individualized problems.

2403-2404 HONORS PRE-CALCULUS 1&2

Year 1.0 Credits

Prerequisite: Satisfactory completion of Honors Algebra 3-4 and teacher recommendation.

Grad. Req: Satisfies math requirement. Generally a 12th grade course.

Content: This course offers to the serious math student a thorough study of trigonometry, analytic geometry, mathematical induction with emphasis on formal proof. Other topics are the real number properties, vectors, polynomial functions, complex numbers, and matrices. This course is intended to develop the student's abstract and numeric thinking skills.

Course Style: Lecture, discussion, and individualized problems.

2421-2422 AP CALCULUS AB 1&2

Year 1.0 Credits

Prerequisite: Satisfactory completion of Honors Algebra 3-4 and teacher recommendation.

Grad. Req: Satisfies math requirement.

Content: This is a college level course covering the standard topics of limits, derivatives, integrals, infinite series, and the introduction to difference equations. Applications of these concepts will be developed using transcendental functions, analytic geometry, algebra, and other mathematical concepts.

Course Style: Lecture, discussion, and individualized problems.

2431-2432 AP CALCULUS BC 1&2

Year 1.0 Credits

Prerequisite: Satisfactory completion of A.P. Calculus AB 1-2 and teacher recommendation.

Grad. Req: Satisfies math requirement.

Content: This is a college level single variable calculus course covering the standard topics of limits, derivatives, integrals, infinite series, and the introduction to differential equations. Applications of these concepts will be developed using transcendental functions, analytic geometry, algebra, and other mathematical concepts. This covers the first and second semester of college calculus. It allows you to take the Advanced Placement Calculus test.

Course Style: Lecture, discussion, and individualized problems.

2451-2452 AP STATISTICS 1&2

Year 1.0 Credits

Prerequisite: Satisfactory completion of Honors Pre-Calculus 1-2 or AP Calculus 1-2.

Grad. Req: Satisfies math requirement.

Content: This course will enable student to construct, draw inferences, and make inferences from charts, tables, graphs that represent collected data, and the curve of best fit. It will develop and apply the concepts of measure of central tendency, variability, and correlation; experimental and theoretical probabilities through different counting theories, including permutations and combinations; and random variables to interpret probability distributions.

Course Style: Lecture, discussion, and individualized problems.

9311 ACADEMIC COMPETITION MATH

Year 0.5 Credits

Prerequisite: None

Grad. Req: Satisfies elective requirement.

Note: This course meets for a total of 90 days out of the full 180 day school year. The students receive the 0.5 semester math credit at the end of the school year. There may be some financial expenses for travel related costs.

Content: Content: Students will have the opportunity to study mathematics above and beyond that found in the regular math curriculum. They will prepare themselves to participate in local, regional, state, and national competitions. The students will be members of the Kamiakin Math Club and have the opportunity to join a national honors group called Mu Alpha Theta. This course is intended to provide students with the opportunity to sharpen their math skills in competition. There are no tests and no oral presentations.

Course Style: Practice competition practice, introduction of math short cuts, discussion, and team play.

MATHEMATICS LAB PROGRAM

The Math Lab Program is designed to help students catch up who are behind in math. Students will be placed in the program by their high school counselor and math department representative based on their previous math standardized achievement test scores and math class grades. This placement will occur if the student's middle school math grades do not meet a certain level and his/her standardized math achievement test scores do not meet the expectations for entering ninth graders.

The instructor will work with them on strengthening basic skills, reviewing key concepts, and providing the time and assistance to stay up to date on their Integrated Math assignments. Students will use computer-based instruction to practice basic skills and new concepts that they learn.

2291-2292 MATH LAB 1&2

2391-2392 MATH LAB 3&4

Year 1.0 Credits

Prerequisite: Teacher recommendation.

Grad. Req: Satisfies elective requirement.

MUSIC

DEPARTMENT PHILOSOPHY: Because music has aesthetic benefits and serves to enrich, the Kamiakin Music Department believes that all student should be provided with successful and positive educational and performance experiences in the area of listening, analysis, performance, creativity, and conducting that will pro-mote continued musical growth throughout adulthood.

THE INSTRUMENTAL MUSIC PROGRAM

EXPECTATIONS:

1. All classes have performance expectations with participation requirements.
2. Extra rehearsals for performance preparation may be required.
3. Grades are determined partly by performance participation.
4. Participation in fund-raisers for tours and festivals is expected.
5. Dress codes are used and uniforms may be required for performances.
6. School uniforms need to be annually cleaned at family expense.
7. Fines and/or discipline are assessed for damaged, dirty, or late return of equipment, uniforms, or music.
8. The school is not responsible for the security of student instruments.
9. School instruments are available for nominal rental fees.
10. Specific requirements are described in the individual course expectations.

7421 MARCHING BAND

Fall Semester 0.5 Credits

Prerequisite: No audition.

Class Time: **This class meets outside the regular school day.** Instruction begins in August and concludes in early November.

Grad. Req: Satisfies arts requirement or elective requirement.

Content: Marching Band is comprised of instrumentalists, percussionists, and the Color Guard. It performs a choreographed musical presentation at home football games and three regional competitions.

Course Style: Students organized in sectional groups under the leadership of peer leaders. Curriculum centers on competitive performance of a 12 minute choreographed instrumental and dance presentation.

Why: Intended for students who enjoy competitive music and dance program

7451-7452 MUSIC THEORY 1-2

Semester 0.5 Credits

Prerequisite: Teacher permission

Grad. Req: Satisfies arts requirement or elective requirement.

Content: A study of the basic structural tools used in creating music. Practical skills in analysis and ear training will be included. Individual composition is welcomed. This is an excellent class for students preparing for future musical training or for those prompt, accurate homework assignments.

Course Style: Independent study under teacher guidance. Reading, discussion, and related projects

7411-7412 JAZZ ENSEMBLE 1&2

Year 1.0 Credits

Prerequisite: Teacher permission. Auditions may be required. Students should be concurrently enrolled in either Symphonic Band, Wind Ensemble, or Orchestra.

Class Time: **This class meets 0 Hour.**

Grad. Req: Satisfies arts requirement or elective requirement.

Content: A course for the serious instrumentalist who wishes to perform and study literature in the field of jazz.

Emphasis will be on Improvisational Techniques and Performance Skills. Students will supply a predetermined performance outfit.

Course Style: Performance based class; sight reading and instrumental skill development; some tests.

7261-7262 STRING ENSEMBLE 1&2

Year 1.0 Credits

Prerequisite: No audition. This course is designed for string players. Students should be concurrently enrolled in Symphony Orchestra unless there is a conflict with graduation requirements or the student's ISGP.

Grad. Req: Satisfies arts requirement or elective requirement.

Content: The class goals are to develop knowledge of basic elements of individual music and ensemble performance skills. Regular attendance is mandatory at all class meetings, extra rehearsals, and performances. This class is intended for the student who enjoys string instruments, musical growth, and polished performance. Attendance will be used as a partial basis for evaluations.

Course Style: Performance based class; sight reading and instrumental skill development; some tests (playing and written) and student projects.

7171-7172 SYMPHONIC BAND 1&2

Year 1.0 Credits

Prerequisite: None.

Grad. Req: Satisfies arts requirement or elective requirement.

Content: The Symphonic Band performs a variety of musical literature and is designed to improve individual musicianship and provide an appreciation for all kinds of music. The band performs public concerts each semester plus other appearances. Extra rehearsals may be required. Membership in Marching Band and Pep Band is strongly recommended. Student participation in all rehearsals and performances is essential.

Course Style: Performance based class; sight reading and instrumental skill development; some tests (playing and written) and projects.

7422 SYMPHONY ORCHESTRA

Spring Semester 0.5 Credits

Prerequisite: Open to all string players who are concurrently enrolled in String Ensemble. Also open to selected wind players and percussionists by director approval. Students who have a conflict with the concurrent enrollment requirement may participate with director approval.

Grad. Req: Satisfies arts requirement or elective requirement.

Class Time: **Tuesday night, 7-9 PM, Early November through June.**

Content: Advanced orchestra literature is performed in school concerts and other performances. This class offers an opportunity for advancement in performance skills and ensemble and orchestral training. Performance dress requirements for male and female students are outlined in the class expectations. This class is taught outside the normal school day. It is intended for the student who enjoys orchestrated musical growth and polished performance. Full Symphony Orchestra begins following Marching Band season. *Students register for second semester.*

Course Style: Performance based class; sight reading and instrumental skill development; some tests.

7251-7252 WIND ENSEMBLE 1&2

Year 1.0 Credits

Prerequisite: Audition, teacher permission.

Grad. Req: Satisfies arts requirement or elective requirement.

Content: Wind Ensemble provides the more advanced instrumental student with the opportunity to perform music that is more varied and demanding than is available in the Symphonic Band. It is intended for the student who enjoys wind instrument musical growth and polished performance. Admission to this course requires an audition and the permission of the instructor. Students will attend all performances and extra rehearsals as required by the instructor.

Course Style: Performance based class; sight reading and instrumental skill development; some tests (playing and written) and student projects.

THE VOCAL MUSIC PROGRAM

7151-7152 CONCERT CHOIR 1&2

Year 1.0 Credits

Prerequisite: None

Grad. Req: Satisfies arts requirement or elective requirement.

Content: This choir is open to all students without audition. Students will learn fundamentals of proper singing, breath control, tone production, diction, basic music theory, and the ability to become a strong singer.

Course Style: Group participation and performance oriented. Tests on music skills, knowledge, and performance materials. Students expected to participate in concerts. Provides opportunities for students with general vocal music interest and preparation for Treble Choir, Scarlet & Gold and Jazz choirs.

7161-7162 TREBLE CHOIR 1&2

Year 1.0 Credits

Prerequisite: Audition and Teacher permission

Grad. Req: Satisfies arts requirement or elective requirement.

Content: For singers whose voice range falls in the treble clef. Stress is put on voice training; breathe control, tone production, diction, music fundamentals, sight-reading, and developing strong ensemble singing. A variety of music will be learned ranging from pop tunes, songs from Broadway musicals, folk songs, and traditional choral music.

Course Style: Group participation and performance oriented. Tests on music skills, knowledge, and performance materials. Students expected to participate in concerts. Students will need to purchase a performance outfit.

7231-7132 SCARLET AND GOLD CHOIR 1&2

Year 1.0 Credits

Prerequisite: Audition/Teacher permission.

Grad. Req: Satisfies arts requirement or elective requirement.

Content: Advanced choir for experienced singers. This is a Soprano, Alto, Tenor, Bass choir that will continue the serious music student in voice training, music theory, and ensemble singing. Trains students for college level choral participation. Music studied and performed will be at a higher difficulty level and will be more in the traditional choral literature style.

Course Style: Group participation and performance oriented. Tests on music skills, knowledge, and performance materials. Students expected to participate in concerts.

7401-7402 JAZZ CHOIR 1&2

Year 1.0 Credits

Prerequisite: Audition and participation in Scarlet and Gold Choir unless there is a conflict with graduation requirements or the student's HSBP.

Class Time: This class meets zero hour.

Grad. Req: Satisfies arts requirement or elective requirement.

Content: A yearlong opportunity for the highly motivated choir student to experience choral music in the jazz idiom and in a smaller choir limited to 18 voices. It is intended for serious music study and to prepare a student for college level vocal music experiences. Grades are determined by participation, music knowledge, and improvement. Students will need to purchase a performance outfit.

Course Style: Group participation and performance oriented. Tests on music skills, knowledge, and performance materials. Students expected to participate in concerts.

PHOTOGRAPHY

(These courses meet the graduation requirement for Occupational Education credit.)

The photography program offers an assortment of courses which range from introductory skill development to digitized computer photography and photojournalism. The courses below are arranged from basic to most challenging.

8211-8212 PHOTOGRAPHY 1&2

Year 1.0 Credits

Prerequisite: Senior or junior status.

Grad. Req: Satisfies occupational education requirement, arts or elective requirement.

Content: This course is an introduction to photographic visualization and the mechanics of photography. Students will learn the basic rules of photographic composition, basic and advanced operational features and functions of digital cameras, the required skills for quality picture taking, and how to prepare for an exhibition.

Course Style: Lecture and activity mix; students work individually and on team projects.

8213-8214 PHOTOGRAPHY 3&4

Year 1.0 Credits

Prerequisite: Successful completion of Photo 1-2.

Grad. Req: Satisfies occupational education requirement, arts requirement, or elective requirement.

Content: This course is a self-directed continuation of Photography 1-2, but provides a wider and deeper experience.

Computer image manipulation and advanced techniques are explored. Students will create a portfolio and will prepare

An exhibition of their work. Students who meet the requirements may earn college credit through the Tech Prep Direct Credit program.

Course Style: Lecture and activity mix; students work individually and on team projects.

PHYSICAL EDUCATION HEALTH AND WELLNESS

Health and wellness is that integral part of the total educational process, which contributes to the progressive growth and development of the student primarily through selected movement experiences and physical activities. It consists of a planned sequence of learning experiences designed to meet those needs. **All students will provide appropriate gym clothing, gym shoes, as well as locks for gym lockers for all physical education classes.**

The graduation health requirement is fulfilled in physical education classes through discussions, demonstrations, projects, classroom work and guest speakers. The health curriculum includes units on communication skills, self-esteem, stress, nutrition, sexuality, diseases, drug education, emergency care, goal setting/problem solving, and wellness. Students will provide proper classroom materials when required.

PHYSICAL EDUCATION OPTIONS

(These courses DO NOT fulfill the health requirement)

6101-6102 SPORTS AND PERSONAL FITNESS 1&2

Year 1.0 Credits

Prerequisite: None

Grad. Req: Satisfies physical education requirement.

Content: A beginning level sport and fitness class in which a student participates in daily conditioning and team sports activities. The state and district required fitness CBA will be taught in this class.

Course Style: Lecture, discussion, individual assignments, tests, and physical participation.

6121-6122 WEIGHTS AND PERSONAL FITNESS 1&2

Year 1.0 Credits

Prerequisite: None

Grad. Req: Satisfies physical education requirement.

Content: A strength and conditioning class which introduces proper weight lifting techniques through the use of both free weights, weight machines, plyometrics, aerobics, and assorted cardiovascular exercise. Strength work is alternated with conditioning workouts that may include plyometrics, aerobics, and assorted cardiovascular exercise. The state and district required fitness CBA will be taught in this class.

Course Style: Lecture, discussion, individual assignments, tests, and physical participation.

6281-6282 WEIGHT TRAINING 3&4

Year 1.0 Credits

Prerequisite: Sophomore, junior, or senior status.

Grad. Req: Satisfies physical education requirement.

Content: A strength and fitness class that provides students the opportunity to develop and practice individual strength plans to meet personal goals through the use of both free weights and weight machines. The course will continue to expand students' skeletal and muscle knowledge as related to weight training. Strength work is alternated with conditioning workouts that may include plyometrics, aerobics, and assorted cardiovascular exercise. The state and district required fitness CBA will be taught in this class.

Course Style: Lecture, discussion, individual assignments, tests, and physical participation.

6283-6284 PERFORMANCE WEIGHT TRAINING 3&4

Year 1.0 Credit

Prerequisite: Successful completion of two semesters of weight training and sophomore, junior or senior status

Grad. Requirement: Satisfies physical education requirement

Content: This course is designed for students that are working to achieve a higher level of strength & fitness with specific goals in mind. Strength & performance programming will provide the student with the opportunity to greatly enhance their

conditioning for a variety of activities. Students will also be provided with personalized programs based on their performance needs.

Course Style: Lecture, discussion, individual performance assessments, tests, and physical participation.

6300 WELLNESS FOR LIFE

Semester 0.5 Credit

Prerequisite: Junior, or senior status, successful completion of entry level PE

Grad. Req: **Satisfies Culminating Project requirement** and physical education requirement.

Content: Students will learn the principles of lifetime wellness and apply them through participating in game activities. Activities include ping-pong, tennis, badminton, pickle-ball, volleyball, basketball, soccer, softball, gym games and etc. Students will also complete the components of a culminating project based on lifetime wellness: the project, the project summary, and the project presentation. Students will be required to complete a minimum 30 hours of outside work on their culminating project.

6191-6192 0 HOUR PE 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior, or senior status.

Grad. Req: Satisfies physical education requirement.

Class Time: **6:35 to 7:30 a.m.**

Content: A strength and fitness class that provides students the opportunity to develop and practice individual strength plans to meet personal goals through the use of both free weights and weight machines. The course will continue to expand students' skeletal and muscle knowledge as related to weight training. Strength work is alternated with conditioning workouts that may include plyometrics, aerobics, and assorted cardiovascular exercise. The state and district required fitness CBA will be taught in this class.

Course Style: Lecture, discussion, individual assignments, tests, and physical participation.

6301-6302 LIFETIME SPORTS 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior, or senior status.

Grad. Re: Satisfies physical education requirement.

Content: A class designed for co-educational activities that have life time sport benefits. It will include many traditional team and individual sport activities as well as various gym and fitness activities.

Course Style: Lecture, discussion, individual assignments, tests, and physical participation.

6103-6104 CROSS TRAINING 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior, or senior status.

Grad. Re: Satisfies physical education requirement.

Content: This course is a toning and flexibility class designed for the individual who enjoys cardiovascular activities such as step aerobics, fit ball, and Tae Bo. Training work is alternated with a weight lifting program through the use of free weights and weight machines. This class can be repeated for credit.

Course Style: Lecture, discussion, individual assignments, tests, and physical participation.

6331-6332 ADAPTIVE PHYSICAL EDUCATION 1&2

Year 1.0 Credits

Prerequisite: Instructor approval.

Grad. Req: Satisfies physical education requirement.

Content: This class is designed for student who physically cannot participate in the regular P.E. program because of either health related, medical, or injury problems, or a handicapping condition. The course is comprised of modified and/or individual programs designed to meet the needs of students' particular health situations. A physician's statement or school health specialist's recommendation may be requested for course entrance. The state and district required fitness CBA will be taught in this class.

Course Style: Lecture, discussion, individual assignments, tests, and physical participation.

6401 FOOD AND FITNESS 1

Semester 0.5 Credits

Prerequisite: Sophomore, junior, or senior status.

Grad. Req: Satisfies occupational education requirement, elective requirement, or PE requirement.

Content: Learn how everyday foods and the latest exercise trends can help maintain a healthy body weight and enjoyable lifestyle. Course time is divided between the foods lab and fitness lab. In the foods lab, you will learn how to eat healthy and to prepare easy, quick, low calorie foods. The fitness lab will focus on vigorous aerobic and strength exercises.

Course Content: Lecture, discussion, individual assignments, tests, and physical participation.

8201-8202 SPORTS MEDICINE 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior, or senior status. Co-requisite of Sports Medicine Clinical Experience.

Grad. Req: Satisfies Occupation Education requirement or elective requirement, or physical education requirement.

Content: This course is designed to broaden the knowledge and experiences of students in the field of Sports Medicine. Students will combine course work and hands-on participation in the following areas: anatomy and physiology of sports injuries, taping/wrapping of sports injuries, first aid and emergency care, rehabilitation of injuries, sports nutrition, psychology of sports and careers in sports medicine. Students who meet the requirements for Tech Prep have the opportunity to earn college credit. Tech Prep Direct Credit is pending.

8203-8204 SPORTS MEDICINE 3&4

Year 1.0 Credits

Prerequisite: Junior, or senior status. Sports Medicine 1-2.

Grad. Req: Satisfies Occupation Education requirement or elective requirement, or physical education requirement.

This class builds upon the competencies introduced in Sports Medicine 1-2. The class combines the hands-on experiences of the medical field and the knowledge that students have gained themselves in the field of Sports Medicine. The advanced nature of Sports Medicine is emphasized as students are prepared to assist future employers in all medical fields.

8205-8206 SPORTS MEDICINE CLINICAL 1&2

Year 1.0 Credit

Prerequisite: Sophomore, junior, or senior status. Co-requisite of Sports Medicine.

Grad. Req: Satisfies Occupation Education requirement or elective requirement.

Note: This is an after-school experience that requires transportation to off-campus internship sites. Students must provide own transportation.

Content: This Work-Based Learning experience takes the knowledge that the student has learned in the classroom and applies it in a practical or clinical setting. Students participate in a professional medical experience which includes 180 hours of observation for .5 credit or 360 hours for 1.0 credit. The hours of the clinical experience occur outside of the regular school day. Sites include, but are not limited to, health and fitness, physical therapy, and athletic training fields.

Course Style: Individual participation in clinical health fitness and athletic training experiences.

PHYSICAL EDUCATION/HEALTH OPTIONS

6201-6202 SPORTS AND FITNESS / HEALTH 1&2

Year 1.0 Credits

Prerequisite: Freshmen, sophomore, junior, or senior status.

Grad. Req: Satisfies physical education and health requirement.

Content: Students will participate in a daily program of activities. Emphasis will be placed on individual and dual sports, basic physical fitness, testing, conditioning, and rhythms. Time will be spent on health and health related activities. The completion of one year of this class fulfills the district health requirement. The state and district required health and fitness CBA will be taught in this class.

Course Style: Lecture, discussion, individual assignments, tests, and physical participation.

6211-6212 WEIGHT TRAINING / HEALTH 1&2

Year 1.0 Credits

Prerequisite: Freshmen, sophomore, junior, or senior status.

Grad. Req: Satisfies physical education and health requirement.

Content: A strength and fitness class to practice and develop proper weight lifting techniques through the use of both free weights and weight machines. The class will develop basic skeletal and muscle knowledge and introduce the concept of individual strength plans. The course also teaches health and health related activities. The successful completion of one year of this class fulfills the district health requirement. The state and district required health and fitness CBA will be taught in this class.

Course Style: Lecture, discussion, individual assignments, tests, and physical participation.

6232 HEALTH

Semester 0.5 Credit

Prerequisite: Sophomore, junior, or senior status.

Grad. Req: Satisfies Health requirement

Content: This class is designed to teach about aspects of health including personal health, injury prevention, community health, nutrition/fitness, personal development, family living, and alcohol, tobacco, and drugs. A variety of teaching methods will be used, and students will need to supply writing utensils, paper and a notebook. The state and district

required health CBA will be taught in this class.
Course Style: Lecture, discussion, individual assignments, tests.

SCIENCE

CREDITS: Students are required to have two credits in science, one of which must be a laboratory science. All of the courses below fulfill the laboratory science requirement. Other courses for which students may obtain science credits are noted in courses that provide such options. Students applying for college freshman admission beginning in the Fall 2010 will need to complete a minimum of two years of laboratory science, including one year of algebra based biology, chemistry or physics. Three years of science is recommended for college bound students.

INTEGRATED SCIENCE COURSES

4211-4212 INTEGRATED SCIENCE 3&4

Year 1.0 Credits

Prerequisite: Biology 1-2 or teacher recommendation.

Grad. Req: Satisfies lab science requirement.

Content: This course covers emphasis on physics, chemistry and incorporating selected topics from earth science. This is an algebra based curriculum.

Course Style: Lecture, demonstrations, discussions, labs. Students will work with partners in the labs.

8103-8104 AG SCIENCE 1&2

Year 1.0 Credits

Prerequisite: None. Entry at semester with teacher permission.

Grad Req: Satisfies lab science requirement, occupational education or elective requirement.

Content: This course will emphasize chemistry and biology in a rigorous “hands-on” agricultural environment. Students will understand scientific concepts and principles, conduct scientific investigations, apply their science knowledge and skills to solve problems in agriculture, identify challenges and evaluate solutions, and develop effective communication skills.

Course Style: Lecture, demonstrations, hands-on applications, discussions, lab, team and individual projects, research projects and presentations, guest speakers, and field trips.

BIOLOGICAL SCIENCE COURSES

4101-4102 BIOLOGY 1&2

Year 1.0 Credits

Prerequisite: Teacher recommendation based on reading ability.

Grad. Req: Satisfies lab science requirement.

Content: A beginning high school class consisting of an introduction to sciences with a major emphasis on biology.

Course Style: Lecture, demonstrations, discussions, labs. Students will work with partners in the labs.

4111-4112 HONORS BIOLOGY 1&2

Year 1.0 Credits

Prerequisite: Previous science grades of “A” or “B” and **recommended for college bound.**

Grad. Req: Satisfies lab science requirement.

Content: An alternative biology course with more emphasis on cell and molecular biology. Recommended for the College bound science student. This class is intended for the interested student who wants to deepen scientific Understanding.

Course Style: Lecture, demonstration, discussion, labs, and research and writing.

4421-4422 AP BIOLOGY 1&2

Year 1.0 Credits

Prerequisite: Chemistry or Honors Chemistry, or teacher recommendation.

Grad. Req: Elective, lab science.

Content: This course of study is patterned closely to the suggested syllabus of the Advanced Placement program including the laboratory work. The course is designed to be the equivalent of first year college biology. This class is intended for the interested science student who wants to specifically prepare for the AP EXAM. This is an algebra based curriculum.

Course Style: Lecture, demonstration, discussion, labs, and research and writing.

4451-4452 AP ENVIRONMENTAL SCIENCE 1&2

Year 1.0 Credits

Prerequisite: Two years of Lab Science; junior or senior status or teacher permission.

Grad. Req: Elective, lab science.

Content: This course of study is patterned closely to the AP program syllabus designed to be the equivalent of a first year college environmental science course. This class is intended for the student who wants to specifically prepare for the AP EXAM. This is an algebra based curriculum.

Course Style: Lecture, demonstration, discussion, labs, field work, research and writing.

4341-4342 ANATOMY AND PHYSIOLOGY 1&2

Year 1.0 Credits

Prerequisite: Biology 1-2 and Integrated Science 3-4, or Honors Biology and Physics or Chemistry.

Grad. Req: Elective, lab science

Content: This is the science of the structure and function of the most wonderful of all structures the human body. This course offers an introduction into the major systems of the human body. The course is intended for students who have above average capabilities in science and want to develop an understanding of human body in preparation for a career interest in health related fields. It will consist of participation in the classroom and laboratory.

Course Style: Lecture, demonstration, discussion, lab, research, and written and oral presentations.

4351-4352 FORENSIC SCIENCE 1&2

Year 1.0 Credits

Prerequisite: Successful completion of one year of Chemistry or one year of Physics, junior or senior status.

Grad. Req: Elective.

Content: This is a course of "old" and "new" genetics, integrating biotechnology and recombinant DNA labs in studies of heredity. During the course students will study and use basic scientific concepts and technology related to solving crimes. It is intended to help students develop an understanding of genetics and career interest in biologically related fields.

Course Style: Lecture, demonstration, discussion, lab, research, and written and oral presentations.

CHEMICAL SCIENCE COURSES

4201-4202 CHEMISTRY 1&2

Year 1.0 Credits

Prerequisite: Sophomore standing and A or B grade previous math and science class.

Grad. Req: Satisfies lab science requirement.

Content: A chemistry course designed for the general, main stream college bound student. The course includes application of chemistry in daily lives. It is intended to help students develop an understanding of chemistry and create a career interest in health science fields. This is an algebra based curriculum.

Course Style: Lecture, demonstration, discussion, lab, and individualized assignments.

4221-4222 HONORS CHEMISTRY 1&2

Year 1.0 Credits

Prerequisite: Honors Algebra 1-2 and A or B grade in previous science class.

Grad. Req: Satisfies lab science requirement.

Content: A more rigorous introductory course. Students will use math skills and do problem solving in class work centers on problem sets. This course is intended to develop chemistry understanding for students entering science and engineering fields and is recommended for college-bound students interested in science and engineering careers. This is an algebra based curriculum.

Course Style: Lecture, demonstration, discussion, lab, and individualized assignments.

4431-4432 AP CHEMISTRY 1&2

Year 1.0 Credits

Prerequisite: A or B grade in Honors Chemistry 1-2 or teacher permission.

Grad. Req: Elective

Content: This class is designed as a second year chemistry course. Students will follow a syllabus to prepare for the A.P. examination. Laboratory experiments will involve quantitative analysis with spectrophotometer and instrumental analysis. It is intended for the interested student who wants to specifically prepare for the A.P. test. This is an algebra based curriculum.

Course Style: Lecture, demonstration, discussion, labs, and research and writing.

PHYSICAL SCIENCE COURSES

4251-4252 PHYSICS 1&2

Year 1.0 Credits

Prerequisite: Algebra 1-2 or Honors Algebra 1-2.

Grad. Req: Satisfies lab science requirement.

Content: A course designed for college bound students but not emphasizing math and analytical techniques. This course will survey a broad range of topics in physics and is intended to help students develop an understanding of physics and a career interest in science fields. This is an algebra based curriculum.

Course Style: Lecture, demonstration, discussion, labs, and problem solving.

4301-4302 HONORS PHYSICS 1&2

Year 1.0 Credits

Prerequisite: Honors Geometry 1-2.

Grad. Req: Satisfies lab science requirement. This is an algebra based curriculum.

Content: This course provides an introduction to the basic laws describing the physical universe. This course is particularly suited for careers in engineering, chemistry, physics, and mathematics. If a student is not comfortable with mathematics at the honors level, then it is recommended that Physics 1&2 be taken first.

4441-4442 AP PHYSICS B 1&2

Year 1.0 Credits

Prerequisite: Successful completion of two semesters of honors physics with A or B grade or teacher permission.

Grad. Req: Satisfies lab science requirement.

Content: This course is for those wishing to prepare for the A.P. physics examination or those wishing to study areas of physics not dealt with in Physics 1-2. This is an algebra based curriculum.

Course Style: Lecture, demonstration, discussion, lab, problem solving, individualized assignments.

8225-8226 PRINCIPLES OF TECHNOLOGY 1&2 (Applied Physics)

Year 1.0 Credits

Prerequisite: Sophomore status.

Grad. Req: Satisfies occupational education requirement, lab science requirement, or elective requirement.

Content: This course relates basic physical science and applied physics to the technological world. Students will participate in hand-on labs and projects to learn the concepts of physical science and physics.

Course Style: Discussion, lectures, written tests, quizzes, group and team oral presentations, videos, field trips, assignments, multiple texts, the internet, and individual and team study groups.

9312 ACADEMIC COMPETITION SCIENCE BOWL

Year 0.5 Credits

Prerequisite: Teacher permission.

Grad. Req: Satisfies elective requirement.

Content: Students will practice, discuss, and develop projects for various science competition events, at the local, regional, state, and national levels. They will learn to think and integrate experience and knowledge into reasonable judgments and problem solving processes. No tests; some oral presentations.

Course Style: Practice competition procedures, work with groups, teamwork, and problem solving. Note: This course meets at irregular times outside the regular school day for a total of 90 days out of the full 180 day school year. The student receives the 0.5 semester elective credit at the end of the school year. There may be some financial expense for travel related costs.

SOCIAL STUDIES

The Social Studies Department courses fall into required and elective categories and are organized in the manner below. The required courses are locked together in yearlong arrangements and will be presented as a single entry with two course titles.

REQUIRED SOCIAL STUDIES COURSES

FRESHMAN YEAR

3101 WORLD GEOGRAPHY

Fall Semester 0.5 Credit

3102 WORLD HISTORY

Spring Semester 0.5 Credits

Prerequisite: None

Grad. Req: Satisfies Social Studies credit.

Content: World Geography and World History comprise a yearlong study. The first semester is based upon a study of the world's regions, addressing such topics as physical characteristics, climates, cultures, governments, and politics. The second semester is a survey of World History developments since the Renaissance. Units of study include The Age of Exploration (1450 to 1770), The Age of Revolution (1750 to 1914), The causes and Consequences of International Conflict (1870 to present), Challenges to Democracy and Human Rights (1900 to Present) and The Emergence and Development of New Nations (1945 to present).

Course Style: Lecture, discussion, reading, video, unit and final examinations.

3112 WASHINGTON STATE HISTORY

Spring Semester 0.5 Credits

Prerequisite: None

Grad. Req: Satisfies Washington State History in grades 7-12

Content: The State of Washington is examined through its natural history, native peoples, immigration patterns, modern economics, and government.

Course Style: Lecture, discussion, reading, video, unit and final examinations.

JUNIOR YEAR

3301-3302 U.S. HISTORY 1&2

Fall Semester 0.5 Credits

Spring Semester 0.5 Credits

Prerequisite: Junior or senior status or teacher permission

Grad. Requirement: Satisfies Social Studies credit

Content: These two courses comprise a yearlong study. First semester begins with a review of the critical period then focuses on Reconstruction through the Progressive era. The second semester begins with Imperialism and continues to contemporary America. Special emphasis is placed on the social, economic, and political forces that have shaped the American character.

Course Style: Lecture, discussion, reading, video, research, and unit and final examinations.

SENIOR YEAR

3401-3402 GOVERNMENT / CONTEMPORARY WORLD PROBLEMS 1&2

Fall Semester 0.5 Credits

Spring Semester 0.5 Credits

Prerequisite: Senior status.

Grad. Req: Satisfies Social Studies credit.

Content: These two courses comprise a yearlong study over the structure and function of the American political system, including a study of the U.S. Constitution. It also examines major political, economic, and social issues that impact society today.

Course Style: Lecture, discussion, reading, video, writing, unit and final examinations.

ELECTIVE SOCIAL STUDIES COURSES

9321 ACADEMIC COMPETITION KNOWLEDGE BOWL

Year 0.5 Credits

Prerequisite: Teacher permission

Grad. Req. Satisfies elective credit.

Note: This course meets an average of every other day for a total of 90 days out of the full 180 day school year. The student receives the 0.5 semester elective credit at the end of the school year. There may be some financial expenses for travel related costs.

Content: This course offers the motivated, high achiever student the opportunity to compete in contests such as

Knowledge Bowl, Quiznet, monthly twenty-questions, and Knowledge Master Open. Various individual essay and speech contests are offered. Class sessions are practices in the various team competitions.

Course Style: Practice competition procedures, develop social science knowledge, discussion, and team play.

3111 ADVANCED PLACEMENT HUMAN GEOGRAPHY 1

Semester 0.5 Credits

Prerequisite: Student must have a strong interest and be willing to do substantial nightly homework. Students should have a strong interest in world history, geography, and current events. The student must have a good record of attending class, meeting due dates, and being prepared for tests.

Grad. Req: Satisfies Freshman social studies graduation requirements. AP Human Geography prepares the student to take the AP test given in the spring by the Educational Testing Service. Students are strongly encouraged to take this test. If they pass the test, they receive college credit at most colleges.

Content: The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organizations and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Multiple choice test taking skills and essay writing skills will be emphasized and used in evaluation to prepare the student for the AP test

Course Style: Lecture, discussion, textbook reading, supplemental reading, data research, drawing conclusions, electronic media, and testing will be the course style.

3411-3412 AP U.S. GOVERNMENT AND POLITICS 1&2

Year 1.0 Credits

Prerequisite: Senior status. A student is expected to have a B in all high school Social Studies and English classes.

Exceptions are by teacher permission only.

Grad Req: Satisfies Social Studies credit requirement for graduation.

Content: The major content areas covered by the AP U.S. Government and Political test are Constitutional Underpinning of U.S. Government (5-15%), Political Beliefs and Behaviors (10-20%), Political Parties, Interest Groups, and Mass Media (10-20%), Institutions of national Government: The Congress, the Presidency, the Bureaucracy, and the Federal Courts (35-45%), Public Policy (5-15%), and Civil Rights and Civil Liberties (5-15%). Multiple choice test taking skills and essay writing skills will be emphasized to prepare the student for the AP test.

Course Style: Lecture, discussion, reading, research, and essay examinations.

3311-3312 AP U.S. HISTORY 1&2

Year 1.0 Credits

Prerequisite: Junior or senior status. A student is expected to have a B in all high school Social Studies and English classes. Exceptions are by teacher permission only.

Grad Req: Satisfies Social Studies credit.

Content: Advanced Placement American History is a course for honors juniors and seniors. This class prepares students to take the A.P. test in American History and receive college credit. This course place primary emphasis upon the development of critical thinking and evaluation skills. The course covers Colonial America through the twentieth century. Qualifications for this course include satisfactorily completed teacher recommendation forms from one or more academic (English, Social Studies, Math, and Science) teachers and/or a strong interest in history and a willingness to face academic challenge.

Course Style: Lecture, discussion, reading, research, and essay examinations.

3441-3442 AP PSYCHOLOGY 1&2

Year 1.0 Credits

Prerequisite: Senior status. A student is expected to have a B in all high school Social Studies and English classes. Exceptions are by teacher permission only.

Grad Req: Satisfies Social Studies credit.

Content: Advanced Placement Psychology is a senior level. This class prepares students to take the A.P. test in Psychology and receive college credit. The course provides instruction in each of the 14 content areas outlined in the AP Psychology Course Description. It will cover history and approaches, research methods, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion.

Course Style: Lecture, discussion, reading, research, and essay examinations.

SPECIAL SERVICES

PLACEMENT: Admittance to the Special Services programs is by Individualized Education Plan only. Students must be qualified under federal and state special education laws. Enrollment is by referral and testing only.

LANGUAGE ARTS OFFERINGS

1131-1132 IP ENGLISH 1&2

1231-1232 IP ENGLISH 3&4

Year 1.0 Credits

Prerequisite: Enrollment by IEP referral only.

Grad. Req: Satisfies English requirement.

Content: **Reading:** Stories, novels, plays articles and real life applications of printed word. **Writing:** Journals, essays, reports, responses, projects and real life communications. **Communications:** Ongoing class activities. This course provides students with reading comprehension, vocabulary development, functional writing, and spelling skills necessary for success in the adult world.

Course Style: Lecture, discussion, and assignments.

9243-9244 IP ENGLISH LAB 1&2

Year 1.0 Credits

Prerequisite: Teacher referral only.

Grad. Req: Satisfies elective credit.

Content: The IP English Prep class is designed to help students catch up who are behind in English and have support for the completion of general education English assignments. . Students will be placed in program by IEP math referral.

The instructor will work with them on strengthening basic skills, reviewing key concepts, and providing the time and assistance to stay up to date on their English assignments.

Course Style: Lecture, discussion, individual assignments, tests, and projects.

9245-9246 IP ENGLISH LAB 3&4

Year 1.0 Credits

Prerequisite: Teacher referral only.

Grad. Req: Satisfies elective credit.

Content: The IP English Prep class is designed to help students catch up who are behind in English and have support for the completion of general education English assignments. . Students will be placed in program by IEP math referral.

The instructor will work with them on strengthening basic skills, reviewing key concepts, and providing the time and assistance to stay up to date on their English assignments.

Course Style: Lecture, discussion, individual assignments, tests, and projects.

1141-1142 IP LANGUAGE ARTS 1&2

1143-1144 IP LANGUAGE ARTS 3&4

Year 1.0 Credits

Prerequisite: Enrollment by IEP referral only.

Grad. Req: Satisfies English requirement.

Content: **Reading:** Phonemes, phonemic awareness, fluency, vocabulary, and comprehension. **Writing:** Orthography, spelling, mechanics, and composition. Language is a comprehensive program which focuses on all the essential areas of Language Arts. It is designed to meet the individual needs of the student.

Course Style: Lecture, daily drills, discussions, group activities, content mastery assessments, and summative tests.

1121-1122 IP CAREER ENGLISH 1-2

Semester 0.5 Credits

Prerequisite: Enrollment by IEP referral only for sophomore, junior, senior status.

Grad. Req: Satisfies English requirement.

Content: **Reading:** Articles, research materials, pamphlets, and other assigned reading. **Writing:** Essays, research papers, resumes, journals, and technical documents. **Communications:** Ongoing class activities and projects along with direct instruction. This course provides students with the opportunities to develop an understanding of their temperament, learning style, and career interests, abilities and values. Students develop technical reading and writing while learning where and how to research career topics and by completing research papers. Students will complete a career scenario demonstrating practical living skills and ongoing problem solving. Students will explore English for the world of work including how to get and keep a job and communication for the workplace. Topics include: learning styles assessments, career awareness, job market research, and job seeking and job maintenance strategies.

Course Style: Discussion, individual and group activity; ongoing research projects, and an individual scenario.

MATHEMATICS OFFERINGS

2261-2262 IP MATH 1&2

2381-2382 IP MATH 3&4

Year 1.0 Credits

Prerequisite: Enrollment by IEP referral only.

Grad. Req: Satisfies mathematics requirement.

Content: Application of concepts and procedures to define and solve math problems. This math program is designed to help students apply math to daily living situations, basic skills, applied math, vocational math, and consumer math.

Course Style: Discussion, quizzes, labs, and individual assignments.

MATH LAB PROGRAM

The IP Math Lab Program is designed to help students catch up who are behind in math and have support for the completion of general education math assignments. . Students will be placed in program by IEP math referral. The instructor will work with them on strengthening basic skills, reviewing key concepts, and providing the time and assistance to stay up to date on their Integrated Math assignments.

2293-2294 IP MATH LAB 1&2

2393-2394 IP MATH LAB 3&4

Year 1.0 Credits

Prerequisite: Teacher recommendation.

Grad. Req: Satisfies elective requirement.

SOCIAL STUDIES OFFERINGS

3161 IP WORLD GEOGRAPHY Fall Semester 0.5 Credits

3141 IP WASHINGTON AND WORLD 1 Fall or Spring 0.5 Credits

3162 IP WORLD HISTORY Spring Semester 0.5 Credits

3351 IP US HISTORY 1 Fall Semester 0.5 Credits

3352 IP US HISTORY 2 Spring Semester 0.5 Credits

3461 IP GOVERNMENT Fall Semester 0.5 Credits

3462 IP CONTEMPORARY WORLD PROBLEMS Spring Semester 0.5 Credits

Prerequisite: Enrollment by IEP referral only.

Requirement: Satisfies Social Studies course requirement.

Content: **Reading:** Historical texts and research materials. **Writing:** Developed answers, lecture notes, projects, and papers. This curriculum develops knowledge in content areas and emphasizes daily living skills, social skills, and civic understanding. Students progress through a curriculum.

Course Style: Lecture, discussions, tests, projects, presentations, assignments, and reviews.

SCHOOL SUCCESS AND STUDY ASSISTANCE OFFERINGS

9211-9212 IP GENERAL STUDIES 1&2

Year 1.0 Credits

Prerequisite: Enrollment by IEP referral only.

Grad. Req: Satisfies elective credit.

Content: This course provides students with the opportunity to work on basic skills development in reading, writing and/or math. A variety of materials may be used to build skills including individualized curriculums, computer based programs, and academic assignments from other classes. Students complete progress sheets every three weeks, signed by teachers and parents.

Course Style: Lecture, discussion, group work, tutoring, individual assignments.

9241-9242 IP CAREER AWARENESS 1&2

Semester 0.5 Credits

Prerequisite: Enrollment by IEP referral only.

Grad. Req: Satisfies Occupational Education requirement.

Content: Non-paid career experience that enables students to: Explore careers while developing job readiness skills listed on the Individualized Educational Program (IEP). Complete required hours, paperwork, and designated hours of work per semester and report to the Transition Specialist.

Course Style: Work-based learning, individualized goals and objectives, and teamwork.

9231-9232 IP WORK EXPERIENCE 1&2

Year 1.0 Credits

Prerequisite: Enrollment by IEP referral only, sixteen years of age, minimum paid work.

Grad. Req: Satisfies Occupational Education requirement.

Content: Gainfully employed students participating in this course are expected to complete required paperwork, designated hours of work per semester, and report to Transition Specialist and maintain job and good grades during the semester.

Course Style: Work-based learning, individualized goals and objectives, and teamwork.

TECHNOLOGY EDUCATION

(These courses meet the graduation requirement for Occupational Education credit.)

8225-8226 PRINCIPLES OF TECHNOLOGY 1&2 (Applied Physics)

Year 1.0 Credits

Prerequisite: **Sophomore, junior, senior.**

Grad. Req: Satisfies occupational education requirement, lab science requirement, or elective requirement.

Content: This course relates basic physical science and applied physics to the technological world. Students will participate in hand-on labs and projects to learn the concepts of physical science and physics.

Course Style: Discussion, lectures, written tests, quizzes, group and team oral presentations, videos, field trips, assignments, multiple texts, the internet, and individual and team study groups.

8233-8234 DRAFTING / DESIGN 1&2

Year 1.0 Credits

Prerequisite: None

Grad. Req: Satisfies occupational education requirement or elective requirement.

Content: Would you like to learn how to design in 3D? If you would like to see your ideas take shape, this is the class for you. Through traditional drafting techniques and state of the art 3D computer aided software, students will learn skills used by professionals in today's technical world. This hands-on class is perfect for those students who have an interest in construction, engineering, architecture, and problem solving. In this class students have the opportunity to earn 6 college credits.

Course Style: Hands-on pencil drafting, some lecture, guest speakers, and computers. The final project will be to design something of interest such as a car, plane, skate park, house, city, and then build a scale model.

8235-8236 DRAFTING / DESIGN 3&4

Year 1.0 Credits

Prerequisite: Drafting / Design 1-2.

Grad. Req: This class builds on the knowledge and skill learned in Drafting 1-2. Students will use state of the art 3D computer aided drafting software to create drawings. This class will have a strong emphasis on advanced 2D machine and architecture drafting, 3D modeling, rendering and animation. Students interested in the fields of engineering, architecture, and drafting are strongly encouraged to take this class.

Course Style: Hands-on computer assisted drafting, team and individual projects.

8155-8156 PC TROUBLE SHOOTING 1&2

Year 1.0 Credits

Prerequisite: None

Grad. Req: Satisfies occupational education requirement, or elective requirement.

Content: In this course students receive classroom training preparing them to do PC technical repair, troubleshooting and computer networking. Student learning will emphasize problem identification and correction by being presented with real work PC problems. This training will provide students essential technical and customer relations skills as needed in the workplace and prepare them for the A+ examination. Students may receive up to 10 credits through Columbia Basin College when taken with PC Intern.

Course Style: Hands on training experience, classroom work and optional on site experience when teamed with the PC Internship class.

8157-8158 PC INTERNSHIP 1&2

Year 1.0 Credits

Prerequisite: Must be currently enrolled in PC Trouble Shooting 1 - 2 class teacher recommendation.

Grad. Req: Satisfies occupational education requirement, or elective requirement.

Content: This lab course provides the students the opportunity for hands on experience working with technology in the school's computer environments. Students take major roles in maintaining and updating our computer systems. These experiences provide a foundation that will allow students to pursue further studies or careers as technicians.

Course Style: Hands on optional course which provides for 2 periods per day of technical experience when taken concurrently with PC Trouble Shooting.

8161-8162 COMPUTER SCIENCE 1&2 (Visual Basic Programming)

Year 1.0 Credits

Prerequisite: Student must have basic keyboarding skills – Algebra 1or Integrated 1 or concurrent enrollment in Algebra 1or Integrated 1 – Teacher recommendation

Grad Req: Occupational Ed, 0.5 math credit (for students who successfully complete the year course)

Content: Visual BASIC .NET will be used in this course to provide students a sound foundation to build upon in computer science. Topics will include units through array processing, computer graphics, and file processing. Programming projects require students to work independently, pay attention to detail, use logical thinking, and apply problem-solving skills

WORLD LANGUAGES

The Kamiakin World Languages Department uses an integrated approach to language learning that spans all four language skills: Listening, speaking, reading, and writing. Through an inviting atmosphere, students are encouraged and supported in the acquisition of multi-faceted language skills and cultural experiences. True competence in a foreign language cannot be attained in a short period of time. To attain fluency it is recommended that students start language study early and stick with the language as long as possible. We believe world language study can benefit all students. In addition, world language is a college prep course. State colleges and universities require two to three years of the same language as an entrance requirement. The Kamiakin World Languages Department offers **French, German, and Spanish** for four years of study. Students who took a language in middle school may complete a total of five years of study.

FIRST YEAR:

Prerequisite: None

Grad. Req: Satisfies elective requirement.

Content: Emphasis is placed on understanding and speaking the language. Students begin to read and write as well as become acquainted with the target culture.

Course Style: Lessons simulating real situations. Lecture, discussion, reading, writing, and speaking.

SECOND YEAR:

Prerequisite: Passing grade in first year language. Students will also have to earn a passing grade of 70% on the end of the 1st year district test in order to take 2nd year of language.

Grad. Req: Satisfies elective requirement.

Content: Building upon first year skills, students become more comfortable with speaking, reading, and writing the target language, as well as continue to explore the target culture. A significant portion of time will be spent learning the past tenses.

Course Style: Lessons simulating real situations. Lecture, discussion, reading, writing, and speaking.

THIRD YEAR:

Prerequisite: Passing grade 2nd year/teacher permission.

Grad. Req: Satisfies elective requirement.

Content: Students continue to improve in four basic language skills as well as expand cultural knowledge. The class is conducted in the target language as much as possible. This is the first year in which students read authentic literature.

Course Style: Classes conducted as much as possible in the target language. Interactive lessons, and increased reading, writing, oral and written projects. Appropriate grammar usage expected.

FOURTH/FIFTH YEAR:

Prerequisite: Passing grade 3rd year/teacher permission.

Grad. Req: Satisfies elective requirement.

Content: These classes are conducted primarily in the target language. All materials are authentic: Short stories, novels, poetry, television, and film. Advanced grammar and writing are stressed, as well as deeper understanding of the target culture.

Course Style: Classes conducted predominately in the target language. Interactive lessons, reading well-known literature, advanced grammar and writing, and oral fluency practiced.

ADVANCED PLACEMENT:

Prerequisite: Passing grades in 3rd /4th year language or teacher permission. **AP students will be assigned a summer assignment to maintain fluency.**

Grad. Req. Satisfies elective requirement.

Content: This course is an intensive, in-depth preparation for the A.P. Language Examination. The materials are similar to those for the fourth/fifth year, but the level of student performance required is much higher.

Course Style: Classes conducted predominately in the target language. Reading novels, plays, poetry, and essays, fluency in grammar, writing, and oral proficiency.

0487-0488 ELL NATIVE LANGUAGE LITERACY 1&2

Year 1.0 Credit

Prerequisite: Students who speak and understand Spanish fluently, but who lacks skills in reading and writing the Spanish language.

Grad. Req: Satisfies elective requirement.

Content: This course will be delivered in Spanish. It will consist of reading and discussions of a variety of texts. Literature will be an assortment of poems, short stories and novels. Students will study grammar and vocabulary with the purpose of improving writing and formal speaking. Student writing will be based on literature, grammar and vocabulary studies.

Course Style: Classes conducted predominately in the target language. Reading novels, plays, poetry, and essays, fluency in grammar, writing, and oral proficiency

FRENCH COURSE OFFERINGS

5101-5102 FRENCH 1-2 Year 1.0 Credits

5201-5202 FRENCH 3-4 Year 1.0 Credits

5301-5302 FRENCH 5-6 Year 1.0 Credits

5401-5402 FRENCH 7-8 Year 1.0 Credits

GERMAN COURSE OFFERINGS

5111-5112 GERMAN 1-2 Year 1.0 Credits

5211-5212 GERMAN 3-4 Year 1.0 Credits

5311-5312 GERMAN 5-6 Year 1.0 Credits

5411-5412 GERMAN 7-8 Year 1.0 Credits

SPANISH COURSE OFFERINGS

5121-5122 SPANISH 1-2 Year 1.0 Credits

5221-5222 SPANISH 3-4 Year 1.0 Credits

5321-5322 SPANISH 5-6 Year 1.0 Credits

5421-5422 SPANISH 7-8 Year 1.0 Credits

xxxx-xxxx SPANISH 9-10 Year 1.0 Credits

5461-5462 AP SPANISH LANGUAGE 1-2 Year 1.0 Credit

5471-5472 AP SPANISH LITERATURE 1-2 Year 1.0 Credit

5491-5492 ELL NATIVE LANGUAGE LITERACY 1-2 Year 1.0 Credits

UNIQUE PROGRAM OFFERINGS

6341-6342 ADAPTIVE PE COACH 1&2

Semester 0.5 Credits

Prerequisite: Staff recommendation.

Grad. Req: Satisfies elective requirement.

Content: The class is designed to give students an opportunity to work with students who have special needs in a physical education environment.

Course Style: Activity class assisting special needs students.

9101-9102 STUDENT ASSISTANT 1&2

Semester 0.5 Credits

Prerequisite: Sophomore, junior, or senior status.

Grad. Req: Satisfies elective requirement.

Limited to only one credit counting toward graduation

Grading: S/U only

Content: Students assist either teachers or office staff doing such tasks as clerical work, answering phones and delivering messages, helping with class set up, and tutoring. Students need to have good attendance, be polite, dress appropriate to a work environment, and be able to work independently.

Student assistants will not be permitted academic waivers from graduation requirements.

Course Style: Students work independently, must be responsible, self-starters, and interrelate easily.

9155-9156 LINK LEADERSHIP 1&2

Year 1.0 Credits

Prerequisite: Teacher recommendation.

Grad. Req: Satisfies elective requirement.

Content: This course is designed to enhance leadership skills and support leaders in the Link Crew program. Emphasis will be on self-awareness; human relations; and managerial, communication and group process skills. Link Crew commissioners and leaders are encouraged to take the course.

Course Style: This is an application course involving the learning about and the practice of leadership skills. Students are assigned responsibilities for Link Crew activities and are required to do outside the classroom work. Some expenses may be involved.

9173-9174 LINK LEADERSHIP 3&4

Year 1.0 Credits

Prerequisite: Teacher recommendation and junior or senior status.

Grad. Req: **Satisfies Culminating Project requirement** and elective requirement

Content: This course will provide Link Crew leaders with the opportunity to take their skills to a higher level by requiring them to apply leadership skills to a culminating project that meets the district's graduation requirement. Students will be required to complete work outside of the classroom. Students will be expected to participate in required activities as well as 30 hours required outside of class on a single project to satisfy the requirement for a culminating project. This is a year-long course.

Course Style: This is an application course involving the learning about and the practice of leadership skills. Students are assigned responsibilities for Link Crew activities and are required to do outside the classroom work. Some expenses may be involved.

9157-9158 STUDENT LEADERSHIP ASB 1&2

Year 1.0 Credits

Prerequisite: Election to ASB Office

Grad. Req: Satisfies elective requirement, occupational education requirement.

Content: This course is designed to enhance leadership qualities and student government skills. Emphasis will be on self-awareness; human relations; and managerial, communication and group process skills. All current ASB, class officers, and delegates are required to take the course during their office term. Teacher will mentor junior/senior students through Culminating Project requirement.

Course Style: This is an application course involving the learning about and the practice of leadership skills. Students reassigned responsibilities for ASB and also will have time to prepare for class activities/events. Students will be expected to participate in planning and activities outside of class time (usually 1-3 hours per week). Some expenses may be encumbered, including leadership camp in the summertime.

8195-8196 CAREERS IN EDUCATION 1&2

Year 2.0 Credits

Prerequisite: Junior or senior status; 2.5 cumulative grade point average; good attendance and citizenship; WA State Patrol background check required; parent permission to leave campus.

NOTE: This is a two-hour class. Students must provide own transportation to internships.

Grad. Req: **Satisfies Culminating Project requirement**, occupational education requirement.

Other: **Students can receive 10 credits through Columbia Basin College.**

Content: This course explores career opportunities in education specifically focusing on teaching. Students attend class at the high school, and participate in an internship at a local elementary, middle or high school. The work and joy of teaching are experienced by creating teaching materials and implementing learning activities. Leadership skills are developed through service in the classroom, school, and community. Students gain experience in preparing and presenting lessons and participate in a wide variety of activities as they assist the mentor teacher at their site.

8201-8202 SPORTS MEDICINE 1&2

Year 1.0 Credits

Prerequisite: Sophomore, junior, or senior status. Co-requisite of Sports Medicine Clinical Experience.

Grad. Req: Satisfies Occupation Education requirement or elective requirement, or physical education requirement.

Content: This course is designed to broaden the knowledge and experiences of students in the field of Sports Medicine. Students will combine course work and hands-on participation in the following areas: anatomy and physiology of sports injuries, taping/wrapping of sports injuries, first aid and emergency care, rehabilitation of injuries, sports nutrition, psychology of sports and careers in sports medicine. Students who meet the requirements for Tech Prep* have the opportunity to earn college credit. Tech Prep Direct Credit pending.

8203-8204 SPORTS MEDICINE 3&4

Year 1.0 Credits

Prerequisite: Junior, or senior status. Sports Medicine 1-2.

Grad.Req: Satisfies Occupation Education requirement or elective requirement, or physical education requirement.

This class builds upon the competencies introduced in Sports Medicine 1-2. The class combines the hands-on experiences of the medical field and the knowledge that students have gained themselves in the field of Sports Medicine. The advanced nature of Sports Medicine is emphasized as students are prepared to assist future employers in all medical fields.

8205-8206 SPORTS MEDICINE CLINICAL 1&2

Year 1.0 Credit

Prerequisite: Sophomore, junior, or senior status. Co-requisite of Sports Medicine.

Grad. Req: Satisfies Occupation Education requirement or elective requirement.

Note: This is an after-school experience that requires transportation to off-campus internship sites. Students must provide own transportation.

Content: This Work-Based Learning experience takes the knowledge that the student has learned in the classroom and applies it in a practical or clinical setting. Students participate in a professional medical experience which includes 180 hours of observation for .5 credit or 360 hours for 1.0 credit. The hours of the clinical experience occur outside of the regular school day. Sites include, but are not limited to, health and fitness, physical therapy, and athletic training fields.

Course Style: Individual participation in clinical health fitness and athletic training experiences.

9105-9106 YEARBOOK PRODUCTION 1&2

Year 1.0 Credits

Prerequisite: Junior or senior status; complete application and recommendation form; teacher approval of application

Grad. Req: Satisfies elective requirement.

Content: A **yearlong production oriented course** where students apply English and photographic skills to produce a quality yearbook. Activities include interviewing people, writing copy, shooting photo-journalistic style pictures, and desktop publishing using PageMaker and PhotoShop software. Editors and group leaders coordinate the efforts of writers and photographers. Each student **MUST** sell advertising. This class is intended for students who enjoy publication work and capturing the school year in word and picture, and it can be repeated.

Course Style: Work as production teams; lecture and activity mix; students must meet publication deadlines.

9461 CULMINATING PROJECT ALE

Semester .05 Credit

Prerequisite: Junior (1st Sem. only), Senior (1st Sem. Only).

Grad. Req: **Satisfies Culminating Project graduation requirement.**

Content: Students who select **CULMINATING PROJECT ALE** will enroll in this course. Students shall be required to obtain project approval, identify a mentor, and meet identified timelines. Culminating Project activities shall require a minimum of 90 hours of the student's time. Students' shall complete the Culminating Project ALE during the 1st semester of their junior or senior year.

OFF CAMPUS

Semester No Credits

Prerequisite: 9-12, Parent permission – administrative placement.

Grad. Req: **Credit is NOT available.**

Content: The student must have an off campus-period request form completed, signed, and approved by school administration. Violations of the conditions may result in revocation of the off campus-period opportunity.

OPEN PERIOD

Semester No Credits

Prerequisite: 11-12, Parent permission and administrative placement.

Grad. Req: **Credit is NOT available.**

Content: The student must have an open-period request form completed, signed, and approved by school administration; the student should be in good academic and behavioral standing with the school. Violations of the conditions may result in revocation of the open-period opportunity.

LEARNING OPPORTUNITY CENTER

Semester 0.5 Credit

Prerequisite: Counselor referral.

Grad. Req: Satisfies required and elective.

Content: Students may earn academic credit through the Learning Opportunity Center, Individualized Academic Program. Kamiakin offers computerized "APEX" courses. Students are referred for enrollment through their school counselor. Course Style: Computer-based curriculum. On-line Learning

TRI-TECH SKILLS CENTER COURSE OFFERINGS

Tri-Tech Skills Center offers Juniors and Seniors an opportunity to get a head start on a career and after high school training. Students learn skills to be successful in entry-level jobs while at the same time earning high school credits. In addition most programs offer college credit through the Tech Prep system. Students who successfully complete a course can earn up to 1.5 occupational and/or elective credits each semester. Some programs offer English, Math, Science and/or Fine Arts equivalency credits for successful completion of the 2nd consecutive semester in the same program. Bus transportation is provided to Tri-Tech, but not for Cosmetology taught at Clare's Beauty College in Pasco or Victoria's Academy in Kennewick. Students planning to enroll in a Tri-Tech course must meet with their counselor to complete an application form and to ensure that there are openings in the program. There are a limited number of openings at Tri-Tech each semester available to Kamiakin High School students. For more detailed program information, refer to the complete Tri-Tech Skills Center catalog available in the Counseling Office or at Tri-Tech Skills Center.

The Tri-Tech Portfolio and Culminating Projects

Each course housed at the Skills Center has a portfolio requirement. For students to satisfy the Culminating Project components of the portfolio, they must successfully pass the course and retain full credit.

Students are required to have, at a minimum, evidence of the following:

- Personal Statement or Mission Statement
- Resume
- Letter of Application (Cover Letter)
- Application
- Employability Skills Rubric/Certification
- Program Competencies Checklist
- Leadership and School Activities
- Evidence of Student Work
- Select and complete a project
- Write a reflective paper on the project and its impact on the student
- Complete a presentation of the project

Tri-Tech Courses

AUTO BODY TECHNOLOGY 1 & 2

1-2 Years

Collision repair students develop the necessary technical skills, knowledge, and attitude to be successful in the collision repair industry and continued education. Students prepare for ICAR (<http://www.i-car.com/>) certifications. College credit to be determined.

AUTOMOTIVE SYSTEMS TECHNOLOGY 1 & 2

1-2 Years

Learn about the automotive service industry in this nationally certified program. Students service and diagnose vehicles, gaining experience in engine fundamentals, maintenance, tune-up and repair, brake, steering and suspension, and wheel alignment. Successful students are eligible for paid summer internships in repair facilities through the AYES program (www.ayes.org). May earn up to 21 college credits from CBC.

COMPUTER SYSTEMS TECHNICIAN

1 Year

Designed to provide students with a working knowledge of computer technical support duties, responsibilities and tools. The curriculum is structured to prepare the student for the A+ Certification examinations of the Computer Technology Industry Association. May earn up to 15 college credits from CBC.

CONSTRUCTION TRADES 1 & 2

1-2 Years

This program provides a foundation in basic residential and commercial construction preparing students for a successful career in the construction industry fields of skilled craft person, construction management or engineering. Instruction includes the proper and safe use of tools, footings and foundations, metal and wood framing and roof structures, estimation of labor and materials, city and county building codes, lot development and design process and blueprint reading.

COSMETOLOGY

1-2 Years

Prepares students for licensing by the Washington State Board of Cosmetology. Licensing requirements consist of theory and practical application. Classes held at Clares Beauty College, Pasco Monday-Friday 8:30 AM - 11:30 AM & 1:00 PM - 4:00 PM (Program will transition to new facility on Gage Blvd. mid-school year. Classes held at Victoria's Academy, Kennewick First Year: Monday -Friday 7:30-10:30 & 11:30-2:30 at Victoria's Tri-Tech Campus. Second Year: Tuesday- Saturday 8:30-11:30 A.M. or 12:30 - 3:30 P.M at Victoria's main campus.

CULINARY ARTS 1 & 2

1-2 Years

This nationally accredited and certified program is designed to prepare students to be leaders in the food or hospitality industry. Students learn kitchen procedures, dining room service, baking/food preparation, banquet and catering service, hosting and storeroom management. Students will take part in the operation of the Tri-Tech Café and catering businesses. May earn 24 college credits from CBC and American Culinary Federation Junior Culinarian Certification.

DENTAL ASSISTING

1 Year

Students learn oral anatomy, sterilization and disinfection, oral pathology, preventive dentistry and radiography (x-ray). Other course objectives include chair-side procedures, impressions and study models, safety standards and regulations, observations and internships. May earn 24 credits from CBC and 1 point on the application for the CBC Dental Hygiene Program. Program pre-requisite: Pass a Washington State background check.

DIESEL TECHNOLOGY 1 & 2 (AM Only)

1-2 Years

Designed to train students in the technical knowledge and mechanical skills required to service, repair and test various types of machinery and equipment. The program includes instruction in the theory of internal combustion engines, diesel fuel systems, electrical, hydraulics, power trains and machinery maintenance. Successful students are eligible for paid summer internships in repair facilities through the AYES program (www.ayes.org). May earn up to 21 college credits from CBC.

DIGIPEN COMPUTER SCIENCE 1&2

1-2 Years

Creating technology, not just using it, is what the DigiPen Computer Science program is all about. The new program focuses on computer animation and programming for video games, is well known and well respected. In the DigiPen program you will be trained in object-oriented programming languages and software engineering techniques. You will also study the core building blocks of computer mathematics using trigonometry and higher math and computer programming. Program pre-requisite: Algebra 2 ready with a B or better in prior math classes.

DIGITAL VIDEO & TV PRODUCTION 1 & 2 (PM Only)

1-2 Years

Designed to provide students with skills in digital video production, motion graphics, editing, and live studio situations. Introduces hard working students to career opportunities in broadcasting, graphics, movie making, advertising and journalism. Students may earn 10 college credits through Edmonds Community College and the Art institute of Seattle.

EARLY CHILDHOOD EDUCATION 1 & 2

1-2 Years

Teaches students about working with young children. The program covers the developmental stages of pre-school children and how to create lessons. The Tri-Tech Preschool is the only high school laboratory preschool in the Tri-City area. Students may earn 15 or more college credits from CBC and STARS certification. Program pre-requisite: Pass a Washington State background check.

FIRE FIGHTING

1 Year

For the student interested in fire fighting and other emergency service careers. The program introduces students to structural and wildland fire fighting and the emergency medical system. The program utilizes state of the art equipment and facilities including an onsite training tower and fire engine. The program develops the required teamwork, leadership, mental and physical skills to be a success in the fire service. Students have the opportunity to earn fire service certifications and college credit. Students are well prepared for additional training at the post secondary level.

GRAPHIC COMMUNICATIONS 1 & 2 (AM Only)

1-2 Years

This program is for the student desiring advanced training in graphic communication and web design. Students will learn to use CS4, PhotoShop, In-Design and other software applications. The Photoshop section of this program is articulated with CBC and may earn up to 5 credits. The web section is designed for the web page developer. Students will utilize Dream Weaver, Flash, Fireworks and PhotoShop to design and develop complex web pages. Students may earn 5 college credits from CBC.

LAW ENFORCEMENT

1 Year

Provides an overview of the criminal justice system and the careers available in this growing employment field. Students will investigate the roles of local and state law enforcement agencies, federal agencies, corrections, and supporting careers.

NETWORK DESIGN AND ADMINISTRATION

1 Year

Prerequisite: Successful completion of a Computer Systems program. This program is designed to provide students with a working knowledge of computer networks including network hardware and the popular network operating systems. Students may earn up to 5 college credits from CBC and up to 30 credits from WWCC.

PRE-NURSING/MEDICAL OCCUPATIONS

1 Year

This program has been developed to meet the needs of students interested in the medical field. Students gain valuable training to be successful in many careers in healthcare from office assistant, Health Unit Coordinator as well as direct patient care. The program prepares students for initial certification as a Nursing Assistant as well as continued training in nursing. You may earn up to 16 college credits from CBC in this program, and up to 2 points on the application for the CBC Nursing Program. Program pre-requisite: Pass a Washington State background check.

PRE-VETERINARY TECHNICIAN 1 & 2

1-2 Years

Course is designed to prepare individuals to enter the animal health care field. The program includes both theory and practical application of skills and concepts. Students will gain hands on experience in area clinics. After completion of the program the student is well prepared to enter a college Vet Tech program. May earn 2 college credits from YVCC in this program.

RADIO BROADCASTING & PRODUCTION 1 & 2

1-2 Years

In the Radio Broadcasting and Production course at Tri Tech, you will hone your communication skills every day. You will demonstrate your skills by running 88.1 a student operated radio station. You'll learn to speak and present to small and large groups, record music and produce radio announcements. You will have the opportunity to gain experience in the music entertainment industry. Also the Radio Broadcasting and Production course at Tri-Tech gives you the chance to participate in job shadow and internships throughout the year. Students also have the opportunity to earn college credit.

TEEN PARENT EDUCATION

1-2 Years

This course is for high school age students who are or are about to become parents. Enrollment is open throughout the year and day care is provided on a space-available basis. Program pre-requisite: Pass a Washington State background check.

WELDING TECHNOLOGY 1 & 2

1-2 Years

This program is designed to instruct students in the basic skills of welding. Students are instructed in blueprint reading, shop math, layout and fit-up, and fabrication of a wide variety of projects. Numerous jobs are available in the construction industry and welding shops. May earn 30 college credits from CBC in this program.

Please Note: A maximum of only 0.5 Technical English equivalency credits can be earned from all Tri-Tech courses.

2010-11 TRI-TECH EQUIVALENCY CREDIT

(11/17/09)

| CLASS | Eq. Credits Offered |
|--|---|
| Auto Body Technology I&II | 0.5 Technical English |
| Auto Systems Technology I&II | 0.5 Math 0.5 Science 0.5 Technical English |
| Computer Systems Technician | 0.5 Math 0.5 Science 0.5 Technical English |
| Construction Trades | 1.0 Math 0.5 Technical English |
| Cosmetology | 1.0 Fine Arts 1.0 Science |
| Culinary Arts I&II | 1.0 Fine Arts 0.5 Math 0.5 Technical English |
| Dental Assisting | 1.0 Science 0.5 Technical English |
| Diesel & Technology I&II | 0.5 Math 0.5 Science 0.5 Technical English |
| Digipen Computer Science | 1.0 Math 1.0 Fine Arts 0.5 Technical English |
| Digital Video & TV Production I&II | 1.0 Fine Arts 0.5 English 0.5 Technical English |
| Early Childhood Education I&II | 0.5 Technical English |
| Fire Fighting | 0.5 Science 0.5 Technical English |
| Graphic Communication/Web Design I&II | 1.0 Fine Arts 0.5 Technical English |
| Law Enforcement | 0.5 Science 0.5 Technical English |
| Network Design & Administration | 0.5 Math 0.5 Science 0.5 Technical English |
| Pre-Nursing /Medical Occupations | 1.0 Science 0.5 Technical English 0.5 English |
| Pre-Veterinary Technician | 1.0 Science 0.5 Technical English |
| Radio Broadcasting and Production I & II | 1.0 Fine Arts 0.5 English 0.5 Technical English |
| Teen Parenting | 0.5 Technical English 0.5 Math |
| Welding Technology I & II | 0.5 Math 0.5 Science 0.5 Technical English |