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WELCOME TO KENNEWICK HIGH SCHOOL ...

Where for over a century, pride, tradition, and honor are foremost.

Our staff is committed to providing students the best of educational opportunities. This course catalog is used to showcase the courses available to our students. There is both breadth and depth in the variety of courses listed. As a student, you are expected to develop your strengths by following your passions, while broadening your horizons through elective coursework. All of our courses build upon previously acquired skills, so thoughtfully choose your course work. Challenge yourself! This is your time to explore! We have teachers that will share their enthusiasm and expertise to help you realize your dreams. The key to success is careful planning. Thoroughly study this course catalog. Include your parents and others in developing your high school plan and choosing your courses. Counselors and teachers are excited to help you be successful. We have confidence in you and in your future! **Lion pride resides inside!**

REGISTRATION AND CREDIT INFORMATION

Kennewick High School's Attendance Area

Students who reside with their families within Kennewick High School's attendance area are able to attend Kennewick High School. A viewable boundaries map is available at <https://www.ksd.org/District/About/School-Boundaries>. Students who desire to attend Kennewick High School and reside outside of its attendance area must receive permission to attend KHS from both the sending and receiving schools. Detailed information regarding attendance area boundaries and the transfer process is available at Kennewick High School and the Kennewick School District office.

Course Selection, Registration, and Scheduling

Soon after the start of the second semester of the school year, the registration and scheduling process begins for the following school year. Students determine the courses they would like to take during their next school year and officially request those courses. School officials utilize student interest in courses to create the schedule of courses that will be offered during the next school year. Student interest, staffing and budgetary concerns affect the availability of courses and the development of the Master Course Schedule. Students are then formally scheduled into the Master Course Schedule. To aid in the course selection process, each student is given a copy of this course catalog, a printout of his/her personal Historical Grades record, and a grade-level specific course selection form. After counselor review, student course selections are entered into the scheduling system.

Adding or Dropping Courses after Registration

It is expected that changes will not be made to the student's schedule after his/her schedule has been created. Staffing needs are determined to a large extent by student interest in courses. Changes to student schedules adversely affect staffing and may cause overloaded courses. It is recognized that unique or extenuating circumstances arise which may necessitate the changing of a student's schedule. Counselor consultation with the student and his/her parent(s), and approval of the change(s) by the affected teacher(s) are required parts of the process. Changes to a student's schedule once the semester has begun may have negative consequences. Credit will not be earned in any course added to a student schedule after the tenth (10th) day of the semester. A course dropped from a student's schedule after the twentieth (20th) school day of the semester will result in a grade of "W" (if passing the course at the time of the drop) or "F" (if failing the course at the time of the drop). The principal or designee may waive the "F" grade requirement if it is determined there are medical or other extenuating circumstances necessitating the dropping of the course and the waiver is in the best interest of the student and the school, converting the "F" grade to a grade of "U". The dropped course and grade would still appear on the student's transcript, but the "U" grade does not negatively impact the student's grade point average.

Kennewick School District's Non-Discrimination Policy

The Kennewick School District provides equal access to all programs and services without discrimination based on sex, race, creed, religion, color, national origin, age, honorably discharged veteran or military status, sexual orientation, including gender expression or identity, the presence of any sensory, mental or physical disability, or use of trained dog, guide or service animal by a person with a disability, and provides equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle questions and complaints of alleged discrimination: Civil Rights & Equity: Douglas Christensen at 509-222-5010 (doug.christensen@ksd.org). Section 504, Title IX: Jack Anderson at 509-222-5004 (jack.anderson@ksd.org).

For the Class of 2021 and beyond, twenty-four (24) credits will be required for graduation from high school in the Kennewick School District. A student must satisfy all credit and non-credit graduation requirements in order to participate in the district's commencement exercises. Students transferring into the Kennewick School District during their Junior or Senior year may, when applicable, be allowed to satisfy requirements of their previous school district in order to obtain a diploma from the Kennewick School District.

17 FOUNDATIONAL CREDITS – REQUIRED OF ALL GRADUATES	
English	4.0
Math	
Algebra 1-2	1.0
Geometry 1-2	1.0
3 rd Math Credit	1.0
Science	
Lab Science	2.0
Additional (Lab and/or Non-Lab) Science	1.0
Social Studies	
U.S. History	1.0
Government	0.5
Contemporary World History, Geography, and Problems	0.5
Social Studies Elective	1.0
Health & Fitness	
Fitness	1.5
Health	0.5
Career & Technical Education	1.0
Arts	1.0
7 PERSONAL PATHWAY REQUIREMENT (PPR) CREDITS*	
Arts	1.0
World Language	2.0
Electives	4.0
Total Credits	24.0**

***7 Personal Pathway Requirement (PPR) Credits** – PPR are electives in any subject that align with the student's interests and their High School & Beyond Plan (HSBP). The arts and world language can be replaced with other electives, based on the student's plan.

****2 Credit Waiver** – If needed, students may graduate with 22 credits (17 Foundational and 5 PPR). This option can be applied based on the student's individual circumstance (i.e., health condition, religious requirements, failed course, military commitment, etc.).

Graduation Pathway Options

Beginning with the Class of 2020 and beyond, students must meet at least one of the following Graduation Pathway Options to graduate

1. State Assessment: Meet or exceed the graduation scores in the Smarter Balanced Assessments (SBA) in English language arts (ELA) and mathematics or in WA-AIM (Washington Access to Instruction & Measurement).
2. Dual Credit: Earn at least one high school credit in ELA and at least one high school credit in math in dual credit courses (Running Start, College in the High School and/or Career and Technical Education dual credit courses).
3. AP/IB: For both ELA and math, earn a 3 or higher on certain Advanced Placement (AP) exams or a 4 or higher on certain IB exams, or pass the course with at least a C+.
4. SAT/ACT: Meet or exceed the graduation scores set by SBE in the math and ELA portions of the SAT or ACT.
5. Transition Course: Pass a transition course in ELA and math (for example, a Bridge to College course) which allows a student to place directly into a credit-bearing college level course.
6. Combination: Meet any combination of at least one ELA and one math option of those options listed in 1-5.
7. ASVAB: Meet standard on the ASVAB (Armed Services Vocational Aptitude Battery) by scoring at least the minimum established by the military for eligibility to serve in a branch of the armed services.
8. CTE Sequence: Complete a sequence of Career and Technical Education (CTE) courses.

Additional Non-Credit Graduation Requirements

In addition to earning all required credits and meeting the Graduation Pathways Option requirement, students must also complete the following requirements:

- WA State History – Successfully complete Washington State History (or approved out-of-state equivalent) sometime during grades 7-12. Students who successfully complete Washington State History (earn a passing grade) in the Kennewick School District will earn 0.5 credit toward graduation.
- Computer Competence (see description below)
- Quest Participation (see description below)

Computer Competence

Kennewick School District's graduation requirements state that, starting with the graduation class of 2007, students must demonstrate computer competence by either passing a competency assessment or successfully completing Computer Applications 1-2, or Computer Science 1-2, or Computer Science CS 101 through Running Start at CBC.

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 2.5 hours. Students will not be allowed to use any resource materials. The three parts of the assessment are weighted according to the amount of content for each area: Word – 45%, PowerPoint – 30%, Excel – 25%. A student must complete all three sections in one test session and score a minimum composite score of 70 percent to pass the computer competency assessment. Students who successfully pass the assessment will fulfill the graduation requirement and it will be reflected on the transcript. High school credit is not awarded for completing the assessment.

For students choosing to demonstrate competence via coursework, passing grades must be received for both semesters of the course taken. In addition to satisfying the computer competence graduation requirement, 1.0 credit is earned for successful completion of both semesters of the course taken.

Quest

Quest, as Navigation 101 is called at Kennewick High School, is a 4-year implementation of the High School and Beyond Plan graduation requirement. Quest aims to empower students to make the education system work for them, assisting in the establishment of their futures. Students will graduate with a personalized post-secondary plan that involves college, work, the military, technical/trade schools, industrial certification, and/or other options. There are three components to each student's personalized learning plan developed through the Quest experience. These 4 components must be successfully completed each year in order to satisfy the graduation requirement.

- **Advisory** provides a long-term connection between staff and students in developing their high school and beyond plans through a series of structured lessons designed to connect their high school experience with their future goals. The Advisory meets 8 times per school year. The members of each Advisory remain the same throughout the high school experience. Activities occur that help to meet portfolio requirements and prepare students for student-led conferences.
- **High School and Beyond Plan** is a summation of the student's plan for his/her high school academic experiences, and connects those academic experiences to the student's preparation for post-secondary education and training opportunities specific to his/her current career interests. The HSBP is an integral part of the registration process. The HSBP is reviewed and updated annually with consultation from the student's counselors, teachers, and parents. An official copy of the student's HSBP will be completed in his/her Quest class and placed in the student's Quest portfolio.
- **Portfolio** requirements include plans for post-secondary experiences, academic progress, evidence of exemplary work, and a record of school and community involvement. The Portfolio becomes a resource for students to use when applying for jobs, college, and future career opportunities.
- A **Student-led Conference** occurs annually. Each student leads a conference with his/her parents and advisor in which the portfolio is presented and explained. Included in the conference is a discussion of achievements, goals, and steps to prepare the actualization of those goals.

Waivers of Graduation Requirements

Waivers of graduation requirements are designed to assist students who desire to pursue a specific career-oriented and/or challenging course of study, allowing them to meet graduation requirements while taking a full schedule of courses. Graduation requirements may be waived following policies and procedures provided in the Revised Code of Washington (RCW), Washington Administrative Code (WAC), and Kennewick School Board Policy. **State-mandated graduation requirements cannot be waived.** To obtain a waiver of an eligible graduation requirement, the student must follow the Kennewick School District waiver request procedures and timelines established for the specific waiver requested. Waiver request forms are available in the KHS Counseling Department or online through the KSD website. Except in extraordinary or emergency situations, waiver requests must be applied for prior to the student's senior year of high school. Students in the Class of 2014 and beyond wanting to waive all or part of the 1.5 credit physical education graduation requirement under the "other good clause" of state law must demonstrate competency by passing an assessment in physical fitness, cognitive knowledge, and physical skills. The assessment is administered by Kennewick School District P.E. teachers. Students may waive only 0.5 credits of the physical education graduation requirement annually.

Grades – Grade Point Values – Credit Earned

Grade	GPA Point Value	Credit Earned
A	4.0	Yes
A-	3.7	Yes
B+	3.3	Yes
B	3.0	Yes
B-	2.7	Yes
C+	2.3	Yes
C	2.0	Yes
C-	1.7	Yes
D+	1.3	Yes
D	1.0	Yes
F	0.0	No

Grade	GPA Point Value	Credit Earned
S (Satisfactory)	~	Yes
U (Unsatisfactory)	~	No
INC (Incomplete)	~	No
NC (No Credit)	~	No
W (Withdraw Passing)	~	No

S – U (Satisfactory – Unsatisfactory) Grading Option

The S/U grading option is available to encourage students to explore high interest areas of study that might otherwise be avoided because of a fear of low grades within the traditional letter-grading system. Students seeking this grading option must sign a [Statement of Understanding](#) available from his/her counselor. The following understandings pertain to the S/U grading option:

- Students may request no more than one S/U grading option per semester.
- The S/U grading option must be requested with the first 23 school days of the semester.
- An academic letter grade will not be issued after the Statement of Understanding is signed.
- Students are expected to maintain a high level of effort and performance. The teacher of record will establish minimum performance criteria for receipt of the “S” grade (“C” work or better is generally recommended).
- Honor Roll recognition requires a minimum of four (4) “A-F” traditional grades or their credit equivalent.
- Grades of “S/U” on academic transcripts may be viewed skeptically.

Earning Credit

A student who successfully completes a semester of work in a course earns one-half (0.5) credit in that course. Each earned credit is accumulated into specific graduation requirement categories. Credit will not be granted in any course in which a student receives a semester grade of F, U, INC, NC, NG, AUD, or W. A student may be denied credit, at the discretion of the teacher, in any course in which the student has accumulated 12 or more non-school related absences during the semester. Such credit-denial decisions may be appealed to the Principal.

Denial of Credit Due to Non-Attendance (Semester grade of “NC”)

Regular school attendance is necessary for the mastery of the educational program provided to students. The greatest impediment to academic achievement is absenteeism. After the 12th non-school-related absence in a semester, the high school student will be notified of the 12th absence and whether an attendance contract is appropriate. In addition to the contract, and after the 12th non-school-related absence per semester in a given class, the classroom teacher, at his or her discretion, may forward to the building administration a notice of referral for denial of class credit. The classroom teacher, at his or her discretion, may thereafter rescind said notice, or having rescinded said notice, reinstate it any time for attendance and classroom work-related behaviors. Absences that count for the twelve (12) include absences due to illness or health/medical conditions, family emergencies, those categorized as cut/truancy, court/legal, juvenile justice, other, pre-arranged, and unexcused.

Retaking Courses to Improve Grade Point Average

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.

Valedictorian – Salutatorian Selection

The selection and identification of the Class Valedictorian and Salutatorian shall be based on the following:

1. The Valedictorian shall be selected based on the highest GPA including Regular, Advanced, Honors, and AP/IB classes. The student must earn a minimum of five (5) credits in the Advanced Honors, AP/IB categories or identified Running Start classes. Opting for a pass/fail, audit or NC grade in Advanced, Honors, and/or AP/IB classes will automatically disqualify the student from Valedictorian or Salutatorian consideration. The Salutatorian shall be selected following the same guidelines but is identified as the student with the second highest GPA.
2. A student must earn a minimum of 2.5 credits in attendance at Kennewick School District high schools.
3. The student must be in attendance during the senior year at the school s/he is being selected as Valedictorian/Salutatorian. A full-time Running Start student is not considered to be in attendance at the home high school for these purposes.
4. The student must complete all graduation requirements in compliance with their High School and Beyond Plan and the Kennewick School District Board Policy #2410.
5. Determination of the Valedictorian will be made in April of the graduation year.

Grade Level (or Class Standing) Identification

Grade level (or class standing) identification is determined by the number of school years that a student has been attending high school: 9th grade students (Freshmen) are in their 1st year of high school, 10th grade students (Sophomores) are in their 2nd year, 11th grade students (Juniors) in their 3rd year, and 12th grade students (Seniors) in their 4th year of high school. It is expected that students will satisfy all graduation requirements after four years of high school. In order to maintain adequate progress toward graduation, 9th grade students should earn 5 or more credits by the end of their 1st year of high school, 10th grade students should have earned 10 or more credits after 2 years of high school, and 11th grade students 15 or more credits after 3 years of high school. Students are expected to be enrolled in at least five courses during each semester.

Students and Employment

Although students are not discouraged from working while attending high school, balancing the demands of a job while concentrating on one's academic studies can present significant challenges to students. Although minors (14–17 years of age) are not restricted from working, Washington State Child Labor Laws prohibits minors from generally working more than a total of twenty (20) hours per week. During summer, winter, and spring breaks the limit is raised to 40-48 hours, depending upon age. There are also limits placed on how late into the evening minors may work. The student's legal guardian and school's principal must sign a Parent/School Authorization form (provided by the employer) in order for a student to work during the school year.

Kennewick High School's Credit Evaluation Worksheet

Students are provided with hard copies of their Credit Evaluation Worksheets, on which they are encouraged to fill out to track their completion of both specific credit and non-credit graduation requirements. These worksheets make available to all a succinct one-page review of a student's graduation progress. Provided the worksheets are filled out and up-to-date, students, parents, and counselors can also use them to aid in making appropriate decisions about course selections for each semester and school year.

POST-SECONDARY EDUCATION AND TRAINING

The opportunities for postsecondary education and training in the State of Washington are many and varied. To gather information regarding postsecondary education and training opportunities, visit the web site for the Washington Student Achievement Council at <http://www.wsac.wa.gov/>.

Paying for Post-Secondary Educational and Training Opportunities

There are a number of free resources available that can provide useful information and guidance for planning and preparing for the costs of post-secondary education and/or training and pursuing financial aid. Reputable online sites Washington Scholarship Coalition (www.theWashBoard.org), FinAid – The SmartStudent® Guide to Financial (www.finaid.org), the College Board (www.collegeboard.com/pay), and FastWeb® (www.fastweb.com), as well as the Kennewick High School Counseling Department. When pursuing financial aid assistance for higher education opportunities, always remember that reputable organizations **never** charge fees for their services.

Apprenticeship Programs

Apprenticeship programs combine classroom studies with on-the-job training under the supervision of a journey-level craft person or trade professional. They offer benefits not normally found in other educational and job-training programs. Students “earn while they learn,” earning a living wage with health care, retirement, and other benefits while learning skills in a trade. Each program is registered with the Washington State Apprentice and Training Council and lasts from one to five years. Examples of apprenticeships offered by the WSAP include: carpenter, electrician, ironworker, machinist, plumber/ steamfitter, and sheet metal worker. There are approximately 25 different apprenticeship programs available in Washington State. For more information, call Kennewick's Department of Labor and Industries at 509-735-0104 or see <http://www.columbiabasin.edu/index.aspx?page=644>.

Technical Colleges (1-year & 2-year) in Washington

There are several public technical colleges in Washington offering over 400 training programs that vary in length from a few weeks to two years. These technical colleges provide training and education for people 16 and older to prepare for entry into the workforce. Some of them offer an Associate of Applied Science Degree in certain programs. Minimum requirements are a high school diploma or a GED certificate. For information on technical colleges refer to <http://www.wsac.wa.gov/colleges-and-institutions-washington>

Military Programs

All military programs require a high school diploma and an ASVAB test score. For ROTC programs and the academies, the four-year college admission requirements need to be met. Academy applicants must obtain a Congressional nomination in order to be considered for an appointment. Students interested in ROTC or an academy appointment must contact the local recruiter in the spring of their junior year. The Armed Services Vocational Aptitude Battery (ASVAB) test is administered free, once yearly in the Kennewick School District. It is a series of tests that measure a student's aptitude, interests, and personal preferences. For more information, contact your local recruiters or refer to www.militarycareers.com.

Community Colleges (2-year) in Washington

There are multiple public community colleges in the State of Washington. For application to Columbia Basin College, apply online at www.columbiabasin.edu. Go to <http://www.wsac.wa.gov/colleges-and-institutions-washington> for information on community colleges.

Community colleges offer 2-year degrees (Associate Degrees in Arts and Science, Applied Science, or Science) and various certificate programs.

Colleges and Universities (4-year) in Washington

Four-year colleges and universities offer baccalaureate, master, doctoral, and/or professional degree programs. For links to most of the colleges and universities in Washington, visit <http://www.wsac.wa.gov/colleges-and-institutions-washington>.

The WSAC establishes minimum admission standards for Washington's colleges and universities. Visit

<http://www.wsac.wa.gov/sites/default/files/2015.Minimum.College.Admission.Standards.Policy.pdf> for more information. A summary of the minimum standards is below.





MINIMUM COLLEGE ADMISSION REQUIREMENTS	
English	Four credits of English language arts are required. Must include three credits of college preparatory coursework, including literature and composition. One credit of elective English may be included.
Mathematics	Three credits of mathematics are required. These credits must include Algebra I, Geometry, and Algebra II or Integrated Math I, Integrated Math II, and Integrated Math III, or higher level mathematics.
Mathematics	Students are required to take a math-based quantitative course during their senior year. Examples of a math-based quantitative course include additional math (such as Bridge to College Mathematics, statistics or applied math), algebra-based science, math-based career and technical courses, or AP computer science. Students who have completed math beyond Algebra II or Integrated Math III, prior to the senior year, are exempt from this requirement.
Science	Two credits of science are required. 2 Both credits must be earned in lab courses, including one algebra-based course and one course in biology, chemistry or physics. A single course may meet multiple requirements. For example, a biology, chemistry, or physics course may also be lab based. <i>Note: Three credits are required beginning with students entering college in fall of 2021. The third credit does not need to be lab-based.</i>
World Languages	Two credits of the same world language are required. Examples include Spanish, French, and American Sign Language. Additional World Language coursework is encouraged. Some institutions will require three credits to meet college graduation requirements.
Social Science	Three credits of social sciences are required. These credits must be earned in history or any of the social sciences. Examples include anthropology, contemporary world problems, economics, geography, government, political science, psychology, or sociology.
Arts	One credit of art is required. This credit must be earned in fine, visual, or performing arts. Substitution of one credit from another CADR subject area is allowed. However, some institutions limit the waiver—students should check with the admissions offices at the institutions to which they plan to apply.

Freshman Athletic Eligibility Standards for the National Collegiate Athletic Association (NCAA) & National Association of Intercollegiate Athletics (NAIA)

- NCAA – visit https://www.ncaa.org/sites/default/files/2011-12_Quick_Reference_Sheet.pdf
- NAIA – visit <http://www.playnaia.org/eligibility-center>

Career Clusters

Students periodically take career interest assessments and investigate Career Clusters that matches their personality, interests and future plans. Career Clusters group specific occupations or careers together based on the interests, strengths, and skills of those employed in these areas. Clusters include a variety of occupations that require different levels of education and training.

	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
	Careers in designing, planning, managing, building and maintaining the built environment.
	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
	Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.

	Planning, managing and providing education and training services, and related learning support services.
	Planning, services for financial and investment planning, banking, insurance, and business financial management.
	Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.
	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
	Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.
	Preparing individuals for employment in career pathways that relate to families and human needs.
	Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.
	Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
	Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.
	Planning, managing, and performing marketing activities to reach organizational objectives.
	Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.
	Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

KENNEWICK HIGH SCHOOL MASTER LIST OF COURSES

This is the Master List of courses available to KHS students during the 2020-2021 school year. Courses are grouped by the type of graduation requirement credit available for each course; listed alphabetically by department within each graduation requirement credit. Some courses will be listed more than once. Complete course description and enrollment criteria are in the course description section of this catalog.

- **Course:** The course title for each course offered by department
- **Number:** The course number for each course. Course numbers are 4 digits in length. If two course numbers, separated by a hyphen, are listed for the course, the course is a year-long course that is offered both semesters. A course with only one course number is offered either semester.
- **Term:** Identifies the term in which the course is offered: S1-S2 (both semesters), S1 (fall only), S2 (spring only).
- **Grade:** Indicates the grade levels of students who may enroll in that particular course.
- **Codes:** Codes that represent applicable information or criteria specific to each course. Please note: students cannot directly request enrollment in courses having a code of "S", enrollment in these courses is made by administrative placement. Students cannot enroll in courses having a code of "P" until all pre-requisites for the course have been met.

G	Satisfies a specific graduation requirement	S	Special placement criteria must be met for enrollment
L	Lab science course	X	Fulfills computer competency requirement
N	Non-lab science course	--	No specific criteria/information identified
P	Pre-requisite must be satisfied before enrollment	E	Elective credit only

ARTS				
Agricultural Science				
Floral Design 1-2	8115-8116	S1- S2	9-10-11-12	---
Business, Marketing, & Information Technology				
Fashion Marketing 1-2	8149-8150	S1-S2	9-10-11-12	--
Multimedia Design 1-2	8215-8216	S1-S2	9-10-11-12	P
Web Design 1-2	8173-8174	S1-S2	10-11-12	P
Family & Consumer Science				
Fiber Arts 1-2	8183-8184	S1-S2	10-11-12	---
Interior Design 1-2	8189-8190	S1-S2	10-11-12	---
Instrumental Music				
Concert Band 1-2	7181-7182	S1-S2	9-10-11-12	---
Guitar 1	7431	S1 or S2	9-10-11-12	---
Guitar 2	7432	S1 or S2	9-10-11-12	P
Piano Lab 1-2	7271-7272	S1- S2	9-10-11-12	---
Jazz Ensemble 1-2	7411-7412	S1-S2	9-10-11-12	P
Marching Band	7421	S1	9-10-11-12	P
Percussion Ensemble 1-2	7481-7482	S1-S2	9-10-11-12	P
String Orchestra 1-2	7381-7382	S1-S2	9-10-11-12	P
Wind Ensemble 1-2	7251-7252	S1-S2	9-10-11-12	P
Technology Ed				
Photography 1-2	8211-8212	S1-S2	9-10-11-12	---
Photography 3-4	8213-8214	S1-S2	11-12	P
Photography 5-6	8255-8256	S1-S2	11-12	P
Theatre Arts				
Drama 1-2	7191-7192	S1-S2	9-10-11-12	---
Drama 3-4	7291-7292	S1-S2	10-11-12	P
Visual Arts				
IB Art 1-2	7331-7332	S1-S2	11-12	P
Studio Art 1-2	7101-7102	S1-S2	10-11-12	---
Vocal Music				
Concert Choir 1-2	7151-7152	S1-S2	9-10-11-12	---
Chamber Choir 1-2	7241-7242	S1-S2	9-10-11-12	P
Mad Hatters Choir 1-2	7351-7352	S1-S2	9-10-11-12	P
CAREER & TECHNICAL EDUCATION				
Agricultural Science				
Agriculture Leadership 1-2	8096-8097	S1-S2	11-12	P
Agriculture Science 1-2	8101-8102	S1-S2	9-10-11	L
Floral Design 1-2	8115-8116	S1-S2	9-10-11-12	---
Floral Design 3-4	8098-8099	S1-S2	10-11-12	P
Plant Science 1-2	8091-8092	S1-S2	9-10-11-12	L
Business, Marketing, & Information Technology				
Accounting 1-2	8127-8128	S1-S2	11-12	---
Business English 1-2	8129-8130	S1-S2	11-12	P
Computer Applications 1-2	8121-8122	S1-S2	9-10-11-12	X

Entrepreneurship 1-2	8145-8146	S1-S2	12	P
Fashion Marketing 1-2	8149-8150	S1-S2	9-10-11-12	--
Intro to Marketing 1-2	8135-8136	S1-S2	9-10-11-12	--
Marketing Mgmt 1-2	8139-8140	S1-S2	11-12	P
Marketing Operations 1-2	8141-8142	S1-S2	9-10-11-12	--
Multimedia Design 1-2	8215-8216	S1-S2	9-10-11-12	P
Social Media 1-2	8071-8072	S1-S2	10-11-12	P
Web Design 1-2	8173-8174	S1-S2	10-11-12	P
Work-site Learning 1-2	8153-8154	S1-S2	11-12	P
Computer Science				
Computer Science 1-2	8161-8162	S1-S2	9-10-11-12	X
Computer Science 3-4	8163-8164	S1-S2	10-11-12	P
Computer Science 5-6	8165-8166	S1-S2	11-12	P
Computer Science 7-8	8167-8168	S1-S2	11-12	P
Family & Consumer Science				
Life 101	8257	S1 or S2	11-12	---
Teaching Academy 1-2	8081-8082	S1-S2	11-12	P
Child Psychology 1-2	8181-8182	S1-S2	10-11-12	---
Fiber Arts 1-2	8183-8184	S1-S2	10-11-12	---
Food & Fitness	8200	S1 or S2	10-11-12	---
Foods & Nutrition	8187	S1 or S2	11-12	---
Food Science 1-2	8185-8186	S1-S2	11-12	N
Health	8199	S1 or S2	9-10-11-12	G
Independent Living	8188	S1 or S2	11-12	---
Interior Design 1-2	8189-8190	S1-S2	10-11-12	---
Interior Design 3-4	8060-8161	S1-S2	11-12	P
Personal Choices	8260	S1 or S2	9-10	E
Military Science				
Air Force JROTC 1-2	7911-7912	S1-S2	9-10-11-12	--
Air Force JROTC 3-4	7913-7914	S1-S2	9-10-11-12	--
Air Force JROTC 5-6	7915-7916	S1-S2	9-10-11-12	--
Air Force JROTC 7-8	7917-7918	S1-S2	9-10-11-12	--
Air Force JROTC (7 th Per)	7909-7910	S1-S2	9-10-11-12	--
Sports Medicine				
Sports Medicine 1-2	8201-8202	S1-S2	10-11-12	---
Sports Medicine 3-4	8203-8204	S1-S2	11-12	P
Technology Education				
Material Science 1-2	8223-8224	S1-S2	10-11-12	L
Photography 1-2	8211-8212	S1-S2	10-11-12	---
Photography 3-4	8213-8214	S1-S2	11-12	P
Photography 5-6	8255-8256	S1-S2	11-12	P
Tech Math for the Trades	8241-8242	S1-S2	11-12	P
World Languages				
American Sign Lang 1-2	5141-5142	S1-S2	9-10-11-12	---
American Sign Lang 3-4	5251-5252	S1-S2	10-11-12	P

ENGLISH				
Course	Number	Term	Grade	Code
Business Education				
Business English 1-2	8129-8130	S1-S2	11-12	P
English				
American Literature 1-2	1311-1312	S1-S2	11-12	P
Creative Writing	1441	S1 or S2	11-12	P
Debate 1	1471	S1 or S2	11-12	P
Debate 2	1472	S1 or S2	11-12	P
English 1-2	1101-1102	S1-S2	9-10	---
English 1-2 Block	1111-1112	S1-S2	9-10	S
English 1-2 SET	1151-1152	S1-S2	9-12	S
English 3-4	1201-1202	S1-S2	10-11	P
English 3-4 SET	1251-1252	S1-S2	10-11-12	S
Honors English 1-2	1263-1264	S1-S2	9	S
IB Lang and Literature 1-2	1363-1364	S1-S2	11-12	P
IB Lang and Literature 3-4	1365-1366	S1-S2	12	P
IB Literature 1-2	1361-1362	S1-S2	11	P
IB Senior English 1-2	1421-1422	S1-S2	12	P
Journalism 1-2	1351-1352	S1-S2	10-11-12	P
Mythology	1462	S1 or S2	12	P
Pre-IB English 3-4	1241-1242	S1-S2	10	P
Survey of Lit & Vocab 1-2	1431-1432	S1-S2	12	P
Special Education				
IP English 1-2	1131-1132	S1-S2	9-10-11-12	S
IP English 3-4	1231-1232	S1-S2	10-11-12	S
IP English 5-6	1341-1342	S1-S2	11-12	S
IP English 7-8	1391-1392	S1-S2	12	S
HEALTH EDUCATION				
Family & Consumer Science				
Health	8199	S1 or S2	9-10-11-12	G
Sports Medicine				
Sports Medicine 3-4	8203-8204	S1-S2	9-10-11-12	G
MATHEMATICS				
Computer Science				
Computer Science 1-2	8161-8162	S1-S2	9-10-11-12	XP
Mathematics				
Algebra 1-2	2101-2102	S1-S2	9-10-11	---
Algebra 1-2 Block	2131-2132	S2	9-10-11	S
Algebra 3-4	2301-2302	S1-S2	11-12	P
Algebra 3-4 Preparation	2351-2352	S1-S2	11-12	S
Applied Algebra 1-2	2271-2272	S1-S2	10-11-12	S
Applied Geometry 1-2	2341-2342	S1-S2	10-11-12	S
Financial Math 1-2	2373-2374	S1-S2	12	S
Geometry 1-2	2201-2202	S1-S2	10-11-12	P
Honors Algebra 1-2	2121-2122	S1-S2	9	P
Honors Algebra 3-4	2321-2322	S1-S2	10-11	P
Honors Geometry 1-2	2221-2222	S1-S2	9-10	P
IB Math SL/Calculus 1-2	2411-2412	S1-S2	12	P
IB Math SL/Pre-Calc 1-2	2461-2462	S1-S2	11-12	P
IB Math Studies 1-2	2441-2442	S1-S2	12	P
Math Enrichment 1-2	2191-2192	S1-S2	9-10-11	SE
Pre-Calculus 1-2	2471-2472	S1-S2	11-12	P
Special Education				
IP Math 1-2	2261-2262	S1-S2	9-10-11-12	S
IP Math 3-4	2381-2382	S1-S2	10-11-12	S
IP Math 5-6	2383-2384	S1-S2	10-11-12	S
Technology Education				
Tech Math for the Trades	8241-8242	S1-S2	11-12	P
PHYSICAL EDUCATION				
Family & Consumer Science				
Food & Fitness	8200	S1 or S2	10-11-12	P
Military Science				
Air Force JROTC 1-2	7911-7912	S1-S2	9-10-11-12	--
Air Force JROTC 3-4	7913-7914	S1-S2	9-10-11-12	--
Air Force JROTC 5-6	7915-7916	S1-S2	9-10-11-12	--
Air Force JROTC 7-8	7917-7918	S1-S2	9-10-11-12	--
Air Force JROTC (7 th Per)	7909-7910	S1-S2	9-10-11-12	--

Physical Education				
Adaptive PE Coach	6341	S1 or S2	10-11-12	P
Aerobic Fitness	6241	S1 or S2	9-10-11-12	---
Cross Training	6103-6104	S1 or S2	9-10-11-12	--
Lifetime Wellness	6261	S1 or S2	10-11-12	P
Personal Fitness	6111	S1 or S2	9-10-11-12	---
Power Walking	6271-6272	S1-S2	9-10-11-12	---
Racquet & Team Sports	6231	S1 or S2	10-11-12	P
Sports Medicine 1-2	8201-8202	S1-S2	10-11-12	P
Weight Training	6141	S1 or S2	10-11-12	P
Weight Training 0 Hour	9970	S1 or S2	10-11-12	P
Weights & Personal Fit.	6121	S1-S2	9-10-11-12	---
Special Education				
Adaptive PE	6331-6332	S1-S2	9-10-11-12	S
SCIENCE				
Agricultural Science				
Agriculture Science 1-2	8101-8102	S1-S2	9-10-11	L
Plant Science 1-2	8091-8092	S1-S2	9-10-11-12	L
Family & Consumer Science				
Food Science 1-2	8185-8186	S1-S2	11-12	L
Military Science				
Air Force JROTC 3-4	7913-7914	S1-S2	9-10-11-12	NE
Air Force JROTC 5-6	7915-7916	S1-S2	9-10-11-12	--
Science				
Anatomy & Physiology 1-2	4341-4342	S1-S2	11-12	P
Astronomy	4463-4464	S1-S2	11-12	L
Biology 1-2	4101-4102	S1-S2	10-12	L
Chemistry 1-2	4201-4202	S1-S2	10-12	LP
Fast-Track Phys Sci 1-2	4133-4134	S1-S2	9-10-11-12	LS
IB Biology 1-2	4321-4322	S1-S2	11-12	LP
IB Biology 3-4	4401-4402	S1-S2	12	LP
IB Chemistry 1-2	4331-4332	S1-S2	11-12	LP
IB Chemistry 3-4	4411-4412	S1-S2	12	LP
IB Physics 1-2	4311-4312	S1-S2	11-12	LP
IB Exercise Science	TBD	S1-S2		L
IB Environ. Sys. & Soc.	4491-4492	S1-S2	11-12	LP
Marine Biology	4471-4472			
Physical Science 1-2	4131-4132	S1-S2	9-10-11	L
Physics 1-2	4251-4252	S1-S2	11-12	LP
Honors Biology 1-2	4111-4112	S1-S2	9-10	L
Honors Chemistry 1-2	4221-4222	S1-S2	10-11	LP
Special Education				
IP General Science 1-2	4171-4172	S1-S2	9-10-11-12	NS
IP General Science 3-4	4181-4182	S1-S2	9-10-11-12	NS
Technology Education				
Material Science 1-2	8223-8224	S1-S2	10-11-12	L
SOCIAL STUDIES				
Military Science				
Air Force JROTC 1-2	7911-7912	S1-S2	9-12	GE
Air Force JROTC 7-8	7917-7918	S1-S2	9-10-11-12	--
Social Studies				
Contemp World Problems	3402	S1 or S2	12	GP
Fast-Track WA State Hist	3114	S1 or S2	9-10-11-12	GS
Fast-Track Wrld Geo	3213	S1 or S2	9-10-11-12	GS
Government	3401	S1 or S2	12	GP
IB 20 th Cent Wrld Hist 1-2	3421-3422	S1-S2	12	GP
IB History of Americas 1-2	3321-3322	S1-S2	11	GP
Pre-IB World History 1-2	3201-3202	S1-S2	9-10-11	---
Psychology	3451	S1	11-12	GE
Sociology	3452	S2	11-12	GE
US History 1-2	3301-3302	S1-S2	11-12	GP
Washington State History	3112	S1 or S2	9-10-11-12	G
World Geography	3101	S1 or S2	9-10-11-12	GE
World History	3102	S1 or S2	9-10-11-12	GE
Special Education				
IP Contemp Wrld Prob	3462	S2	12	GS
IP Government	3461	S1	11-12	GS
IP US History 1-2	3351-3352	S1-S2	11	GS

IP Washington & World 1-2	3141-3142	S1-S2	9-12	GS
IP World Geography	3161	S1 or S2	9-12	GS
IP World History	3162	S1 or S2	9-12	GS
WORLD LANGUAGE				
American Sign Lang 1-2	5141-5142	S1-S2	9-10-11-12	---
American Sign Lang 3-4	5251-5252	S1-S2	10-11-12	PE
French 1-2	5101-5102	S1-S2	9-10-11-12	E
French 3-4	5201-5202	S1-S2	10-11-12	PE
Honors French 3-4	5203-5204	S1-S2	10-11-12	PE
IB French 5-6	5331-5332	S1-S2	10-11-12	PE
IB French 7-8	5431-5432	S1-S2	11-12	PE
Spanish 1-2	5121-5122	S1-S2	9-10-11-12	E
Spanish 3-4	5221-5222	S1-S2	9-10-11-12	PE
Honors Spanish 3-4	5223-5224	S1-S2	9-10-11-12	PE
IB Spanish 5-6	5341-5342	S1-S2	10-11-12	PE
IB Spanish 9-10	5441-5442	S1-S2	11-12	PE
IB Spanish 11-12	5451-5452	S1-S2	12	PE
Spanish Lang Arts 1-2	5125-5126	S1-S2	9-10-11-12	PE
Spanish Lang Arts 3-4	5127-5128	S1-S2	9-10-11-12	PE
ELECTIVES				
<i>Note: These courses are classified as electives only; they do not have any other credit-type attached to them. All other courses also count as electives if they are not needed to fulfill specific graduation requirements.</i>				
English				
English Lab 1-2	1171-1172	S1-S2	9	SE
English Lab 3-4	1175-1176	S1-S2	10	SE
English Language Learning (ELL)				
Content Acquisition 1-2	9201-9202	S1-S2	9-10-11-12	SE
Eng Lang Acquisition 1-2	9205-9206	S1-S2	9-10-11-12	SE
Eng Lang Acquisition 3-4	TBD	S1-S2	9-10-11-12	SE
Eng Lang Dev 1-2	9207-9208	S1-S2	9-10-11-12	SE
Eng Lang Dev 3-4	9209-9210	S1-S2	9-10-11-12	SE
Mathematics				
Math Enrichment 1-2	2191-2192	S1-S2	9-10-11	SE
Miscellaneous				
IB Theory of Knowled 1-2	9107-9108	S1-S2	11-12	PE
Student Leadership 1-2	9157-9158	S1-S2	9-10-11-12	PE
ELECTIVES, Miscellaneous continued...				
Office Assistant 1-2	9101	S1 or S2	11-12	PE
Yearbook 1-2	9105-9106	S1-S2	10-11-12	PE
Special Education				
IP Learning Lab 1-2	9221-9222	S1-S2	9-10-11-12	SE
IP Work Experience 1-2	9231-9232	S1-S2	9-10-11-12	SE

NON-CREDIT/OFF-CAMPUS/TRACKING COURSES				
General				
Off-Campus Release	9139-9140	S1 or S2	9-10-11-12	---
Open Period 1-2	9160	S1 or S2	12	P
Learning Center Program				
Learning Ctr Course 1-2	9441-9442	S1 or S2	11-12	S
Running Start				
Running Start	9451-9452	S1 or S2	11-12	---
Tri-Tech				
Tri-Tech Holding AM 1-2	9371-9372	S1-S2	11-12	P
Tri-Tech Holding PM 1-2	9381-9382	S1-S2	11-12	P
INDIVIDUALIZED LEARNING PROGRAM COURSES				
(These courses may have been listed previously)				
English Language Learner (ELL)				
Content Acquisition 1-2	9201-9202	S1-S2	9-10-11-12	SE
Eng Lang Acquisition 1-2	9205-9206	S1-S2	9-10-11-12	SE
Eng Lang Acquisition 3-4	TBD	S1-S2	9-10-11-12	SE
Eng Lang Dev 1-2	9207-9208	S1-S2	9-10-11-12	SE
Eng Lang Dev 3-4	9209-9210	S1-S2	9-10-11-12	SE
English 1-2 SET	1151-1152	S1-S2	9-10-11-12	S
English 3-4 SET	1251-1252	S1-S2	10-11-12	S
Fast-Track WA State Hist	3114	S1 or S2	9-10-11-12	GS
Fast-Track World Geo	3213	S1 or S2	9-10-11-12	GS
SET Lab 1-2	9223-9224	S1-S2	9-10-11-12	SE
Special Education				
Adaptive PE	6331-6332	S1-S2	9-10-11-12	S
IP Contemp Wrid Prob	3462	S2	12	GS
IP English 1-2	1131-1132	S1-S2	9-10-11-12	S
IP English 3-4	1231-1232	S1-S2	10-11-12	S
IP English 5-6	1341-1342	S1-S2	11-12	S
IP English 7-8	1391-1392	S1-S2	11-12	S
IP General Science 1-2	4171-4172	S1-S2	9-10-11-12	NS
IP General Science 3-4	4181-4182	S1-S2	9-10-11-12	NS
IP Government	3461	S1	12	GS
IP Learning Lab 1-2	9221-9222	S1-S2	9-10-11-12	S
IP Math 1-2	2261-2262	S1-S2	9-10-11-12	S
IP Math 3-4	2381-2382	S1-S2	10-11-12	S
IP Math 5-6	2383-2384	S1-S2	10-11-12	S
IP US History 1-2	3351-3352	S1-S2	11	GS
IP Wash & World 1-2	3141-3142	S1-S2	9-10-11-12	GS
IP World Geography	3161	S1 or S2	9-12	GS
IP World History	3162	S1 or S2	9-12	GS
IP Work Experience 1-2	9231-9232	S1-S2	9-10-11-12	S
LS Community Living 1-2	9403-9404	S1-S2	9-10-11-12	S
LS Functional Academics	9423-9424	S1-S2	9-10-11-12	S
LS Personal Living 1-2	9405-9406	S1-S2	9-10-11-12	S
LS Work Experience 1-2	9409-9410	S1-S2	9-10-11-12	S
LS Work Study 1-2	9417-9418	S1-S2	9-10-11-12	S

AGRICULTURAL SCIENCE

Students interested in agriculture, horticulture, and/or welding have the opportunity to combine hands-on activities with traditional classroom learning. Leadership skills are taught to prepare students for future job opportunities. FFA leadership activities are incorporated into these courses.

AGRICULTURE LEADERSHIP 1-2.....Year-Long Course: 8096-8097

Grades: 11-12

Prerequisite: Teacher permission only

Credit Type: Career & Technical Education or Elective requirement.

This is a project-based course that will provide students who are actively involved in the Agriculture and FFA program an opportunity to pursue advanced studies in an area of interest within the broad discipline of agriculture. Students will develop a project proposal; identify the specific objectives to be met and a timeline of tasks and activities. Students will be required to work on project objectives both in class and out of class, and provide detailed documentation.

AGRICULTURAL SCIENCE 1-2.....Year-Long Course: 8101-8102

Grades: 9-11

Prerequisite: None

Credit Type: Career & Technical Education or Science Lab or Elective

This course is not about “cows and plows.” This fun and exciting course covers environmental science, biology, animal science, chemistry, genetics, food science, and leadership, allowing students to obtain a lab-science credit primarily through hands-on activities. This course can enhance student preparation for the state assessment.

AGRICULTURE SHOP 1-2Year-Long Course: 8103-8104

Grades: 9-12

Prerequisite: None

Credit Type: Career & Technical Education or Elective

Agriculture shop is an exploratory, hands-on course. It focuses on beginning shop skills, safety, blueprint reading and design, gas, arc, and MIG welding, plasma cutting, and soldering. Time spent in the classroom is minimal, most of the learning activities occur in the lab. Therefore, if you like project-based experiences, this is the course for you. It provides exposure to topics for consideration as potential Culminating Project activities.

AGRICULTURE SHOP 3-4Year-Long Course: 8105-8106

Grades: 10-12

Prerequisite: Ag Shop 1-2 – Instructor approval required

Credit Type: Career & Technical Education or Elective

Advanced shop skills. This is a projects-focused course. High maturity level and the ability to work as a team member and on independent projects are required.

AG SHOP 5-6 DESIGN & FABRICATION.....Year-Long Course: 8117-8118

Grades: 10-12

Prerequisite: Ag Shop 1&2

Credit Type: Career & Technical Education, Visual art, or Elective requirement.

Students are given instruction in CAD and CNC technology to design and create artistic 3D metal projects with an emphasis on the principles and elements of design. Students learn advanced welding, grinding, and coloring of metal. Safety is an emphasis and students are required to obey safe practices and procedures.

FLORAL DESIGN 1-2.....Year-Long Course: 8115-8116

Grades: 9-12

Prerequisite: None

Credit Type: Arts or Career & Technical Education or Elective

Students will learn the basic floral industry skills, from selecting the proper materials to making prom corsages and boutonnieres, table centerpieces, and other arrangements, while using a variety of materials. Students will learn how to create event-specific arrangements (weddings, holidays, etc.). Students will learn to promote and market floral products through a student-run floral shop.

FLORAL DESIGN 3-4.....Year-Long Course: 8098-8099

Grades: 10-12

Prerequisite: Floral Design 1-2

Credit Type: Career & Technical Education or Elective

This course is designed to continue to build on the artistic design elements and principles of design utilizing flowers and living plants as the medium. The students in this class will be the leaders of the FFA run floral shop and making many of the decisions about products that we will offer for sale. Students will learn a wide variety of skills and concepts that were introduced in Floral 1-2 but now will be looked at in more detail. Each student will plan all phases of the flowers needed for a wedding, a funeral, a graduation, and an anniversary and learn to accurately calculate pricing and profit for these activities. If you enjoyed Floral 1-2 and want to continue to build your skills in floral design this is the perfect class for you.

HORTICULTURE SCIENCE 1-2.....Year-Long Course: 8111-8112

Grades: 9-12

Prerequisite: None

Credit Type: Career & Technical Education or Science Additional or Elective

This is a basic course in greenhouse plants, landscaping, floral design, plant sales, agricultural sales, and leadership. Students will also prepare for and participate in the school's flower shop and plant sales. If you enjoy hands-on and creative learning experiences, this is the course for you. Students who meet the requirements may receive college credits through the CTE Dual Credit program.

HORTICULTURE SCIENCE 3-4.....Year-Long Course: 8113-8114

Grades: 11-12

Prerequisite: Horticulture Science 1-2 or Instructor approval required

Credit Type: Career & Technical Education or Science Additional or Elective

Successful completion of both semesters of this course satisfies the Culminating Project graduation requirement. Students learn how to operate the school's flower shop in sales and making floral arrangements. Students organize and manage other students in sales activities. This course also focuses on greenhouse operation and plant production.

PLANT SCIENCE 1-2Year-Long Course: 8091-8092

Grades: 9-12

Prerequisite: None

Credit Type: Career & Technical Education or Science Lab or Elective

Plant Science is a general course that focuses on the scientific principles that underlie the breeding, cultivation, and production of agricultural plants. Students will also learn about the production, processing, and distribution of agricultural plant products. Instruction in the plant sciences includes crop cultivation, agricultural production, and the processing of agricultural and food products. Participants in the SAE (Supervised Agricultural Experience) will conduct exploratory projects with the purpose of learning about and improving practices in their surroundings.

ARTS EDUCATION

INSTRUMENTAL MUSIC

CONCERT BAND 1-2.....Year-Long Course: 7181-7182

Grades: 9-12

Prerequisite: Instrumental music experience is recommended

Credit Type: Arts or Elective

This is an entry-level course designed primarily for freshman wind and percussion players. It is also available to students who wish to review their ensemble skills or focus on a secondary instrument. Students will explore the basics of instrumental techniques and will rehearse ensemble skills needed to perform literature at an easy to intermediate high school level. Students should have prior instrumental experience or demonstrate a strong desire to learn and advance to the appropriate skill level. All students are encouraged to pursue additional private instruction. Grading is based on attendance, participation, and performance. Participation in festivals and evening concerts is required.

GUITAR 1-27431-7432

Grades: 9-12

Prerequisite: None

Credit Type: Arts or Elective

This course is for the beginning player. Proper terminology, positioning, tuning, playing chords and scales, strum patterns, reading guitar tablature, and the playing of melodies are all emphasized. Students are periodically tested individually for proficiency. Students must provide their own acoustic guitar and purchase the required text. This course focuses on the first half of the required text. Second semester is a continuation of Guitar 1. Instruction is more individualized and focuses on improving playing skill and performance at a higher level than in Guitar 1. As before, chords, strum patterns, reading tablature, and playing melodies are emphasized. Students are tested individually for proficiency. Students must provide their own acoustic guitar and purchase the required text. This course uses the same required text as Guitar 1 and focuses on the second half of the text.

GUITAR 3-47433-7434

Grades: 10-12

Prerequisite: Guitar 2 or Instructor approval required if not have completed Guitar 2

Credit Type: Arts or Elective

This course is a more advanced continuation of Guitar 2. It focuses on improving the student's playing skill and performance beyond that achieved in the initial levels. A variety of playing styles are explored. Students are tested individually for proficiency. Students must provide their own acoustic guitar and purchase a required text that is different than that used in Guitar 1 and 2. This course focuses on the first half of the required text. Second semester is an advanced continuation of Guitar 3. Instruction is highly individualized. The development of personal playing styles is fostered. Students must provide their own acoustic guitar and purchase the required text. This course uses the same required text as Guitar 3 and focuses on the second half of the text.

IB MUSIC & THEORY 1-2.....Year-Long Course: 7461-7462

Grades: 11-12

Prerequisite: Instructor approval required

Credit Type: Arts or Elective

This course is required for students planning to take either level of the IB music tests, but this is also open to students who are not planning to take the IB test or be a full diploma IB student. This course focuses on the development of skills for the successful musician. Students listen, analyze, arrange/compose, prepare, and present music. Topics of study include the language and structure of music: notation, intervals, scales, chords, melodic and harmonic ear training, music history, and musical styles. Course structure parallels a first-year college music theory course. Job-shadowing and final compositions may be components of this course. Students are required to work independently.

JAZZ ENSEMBLE 1-2Year-Long Course: 7411-7412

Grades: 9-12

Prerequisite: Instructor approval required - Concurrent enrollment in Concert Band, Symphonic Band, or Wind Ensemble unless graduation requirements create conflict

Credit Type: Arts or Elective

This course meets before school during 0 Period (6:45 a.m. to 7:39 a.m.). Students will explore the basics of instrumental jazz techniques and will rehearse ensemble skills needed to perform literature at high school level. Students will focus on improvisational skills and solo performance. Leadership and group

dynamic skills will be an integral part of the curriculum. The Jazz Ensembles typically perform at concerts, community events, and festivals. Grading is based on attendance, participation, and performance. Participation is required in all performances.

MARCHING BAND Fall Semester Only: 7421

Grades: 9-12

Prerequisite: Required participation in Band Camp held in August – Concurrent enrollment in Concert Band, Wind Ensemble, Symphonic Band, String Ensemble, or Choir required unless graduation requirements create a conflict

Credit Type: Arts or Elective

This course meets on Tuesday and Thursday evenings during 8th period (5:00 p.m. to 8:00 p.m.) during the months of September, October, and November. This course is open to all students with instrumental (winds, keyboard, guitar, and percussion) or dance (color guard) experience and/or those who demonstrate a strong desire to learn and to advance to the appropriate skill level. As a showcase for the department, this ensemble performs at various community events and is featured at all home football games. Leadership and group dynamic skills are an integral part of the curriculum. Leadership camps are also available. Grading is based on attendance, participation, and performance. Participation is required for all afternoon, evening, and weekend performances, including several out-of-town festivals and competitions.

PERCUSSION ENSEMBLE Spring Semester: 7481-7482

Grades: 9-12

Prerequisite: Instructor approval required – Concurrent enrollment in Concert Band, Symphonic Band, Wind Ensemble, or String Ensemble unless graduation requirements conflict is created

Credit Type: Arts or Elective

The course meets after school during 7th period (2:30 p.m. to 5:00 p.m.) Individual keyboard, membranophone, and idiophone techniques will be explored and developed to the highest possible level. Music will be concert or marching oriented, depending on available instrumentation and the time of the year. Leadership and group dynamic skills are an integral part of the curriculum. Grading is based on attendance, participation, and performance. Attendance at all rehearsals is required. Participation is also required in all evening and weekend concert and festival performances.

PIANO LAB 1-2 Year-Long Course: 7271-7272

Grades: 9-12

Prerequisite: none

Credit Type: Arts or Elective

This is an introductory course for any student interested in learning the basics of piano performance. No prior musical experience is required. Students will learn the fundamentals of written musical notation & theory while as well as technique and performance skills on piano. Grading will be based on attendance, participation, and performance.

STRING ORCHESTRA 1-2 Year-Long Course: 7381-7382

Grades: 9-12

Prerequisite: Prior stringed instrument experience

Credit Type: Arts or Elective

Students enrolled in this course will develop individual and ensemble skills to the highest possible level while exploring the finest literature available. Leadership and group dynamic skills are an integral part of the curriculum. Grading is based on attendance, participation, and individual and group performance. Participation is required in all evening and weekend concert and festival performances.

SYMPHONY ORCHESTRA Spring Semester Only: 7422

Grades: 9-12

Prerequisite: Winds & Percussion: Audition – Instructor approval required. Strings: Audition – Instructor approval required – Concurrent enrollment in String Ensemble unless graduation requirements create conflict

Credit Type: Arts or Elective

This course meets one evening per week during 8th period (6:30 p.m. – 8:30 p.m.) in the months of November through May, days to be determined. The course is designed to focus on performance skills involving the finest literature available for the symphony orchestra. Wind players will be selected carefully in order to achieve optimal instrumentation as required by the specific literature being studied. Leadership and group dynamic skills are an integral part of the curriculum. All students are encouraged to pursue additional private instruction. Grading is based on attendance, participation, and performance. Attendance at all rehearsals, evening concerts, and weekend festivals is required.

WIND ENSEMBLE 1-2 Year-Long Course: 7251-7252

Grades: 9-12

Prerequisite: Audition - Instructor approval required

Credit Type: Arts or Elective

This course is for the finest wind and percussion performers at Kennewick High School. Individual techniques and ensemble skills will be developed to the highest possible level as the finest literature available is explored. Leadership and group dynamic skills are an integral part of the curriculum. All students are encouraged to pursue additional private instruction. Grading is based on attendance, participation, and performance. Participation is required in all evening and weekend concert and festival performances.

THEATRE ARTS

DRAMA 1-2 Year-Long Course: 7191-7192

Grades: 9-12

Prerequisite: None (Instructor approval required for Drama 2 if have not completed Drama 1)

Credit Type: Arts or Elective

Students receive a basic introduction to acting. Methods taught include the development of character, basic blocking, voice training, and stage movement.

DRAMA 3-4 Year-Long Course: 7291-7292

Grades: 10-12

Prerequisite: Drama Production 1-2 or Instructor approval required

Credit Type: Arts or Elective

Higher levels of acting skills are experienced. Students prepare small productions for classroom performance.

DRAMA 5-6 Year-Long Course: 7371-7372

Grades: 11-12

Prerequisite: Drama Production 3-4 or Instructor approval required

Credit Type: Arts or Elective

Advanced acting methods are studied. This course is recommended for those students considering a career in theater.

VISUAL ARTS

ARCHITECTURAL DRAFTING/DESIGN 1-2 (*Technology Education Dept. Course*) Year-Long Course: 8237-8238

Grades: 10-12

Prerequisite: Drafting/Design 1-2

Credit Type: Arts or Career & Technical Education or Elective

Building on knowledge and skill acquired in Drafting and Design 1-2, students will use state-of-the-art 3D modeling software to create drawings similar to what architects render. The goal of this course is to provide the knowledge and skills to produce a set of working drawings required to build a residential home. This course is excellent preparation for careers in architecture, engineering, construction, and interior design.

CERAMICS 1 One-Semester Course: 7131

Grades: 10-12

Prerequisite: None

Credit Type: Arts or Elective

This course is an introduction to clay art as a form of visual communication; students will learn about the elements and principles of design and historical influences in ceramics. Students perform hand-building techniques, such as, but not limited to, pinch, coil, slab, wheel-thrown pottery and sculpture. They will be introduced to glazing, art terminology, critiques, and art history.

CERAMICS 2 One-Semester Course: 7132

Grades: 10-12

Prerequisite: Ceramics 1

Credit Type: Arts or Elective

This course is a continuation of Ceramics 1 with a focus on the potter's wheel and advanced hand-building. More technical information, such as firing of kilns, mixing glazes, and decorating techniques, is presented.

CERAMICS 3 One-Semester Course: 7221

Grades: 11-12

Prerequisite: Ceramics 2

Credit Type: Arts or Elective

This course is a continuation of Ceramics 2, but at a more advanced level. It is designed for the student who is interested in advancing his/her art studies and skills. The student will maintain a workbook, sketchbook, and/or journal cataloging the development of his/her projects through ideas, research, and completed projects. This course may be repeated for credit.

FIBER ARTS 1-2 (*Family & Consumer Science Dept. Course*) Year-Long Course: 8183-8184

Grades: 10-12

Prerequisite: None

Credit Type: Arts or Career & Technical Education or Elective

Interested in fashion? Students will learn about fashion design, textiles, reading and understanding patterns, consumer skills, and career opportunities in the textile and apparel industry. Historical, cultural, economic, and other influences on wardrobe choices and fashion will be examined. Students will create personal clothing pieces as well as other sewing and/or craft projects. Materials will be required for projects.

FLORAL DESIGN 1-2 (*Agricultural Science Dept. Course*) Year-Long Course: 8115-8116

Grades: 9-12

Prerequisite: None

Credit Type: Arts or Career & Technical Education or Elective

Students will learn the basic floral industry skills, from selecting the proper materials to making prom corsages and boutonnieres, table centerpieces, and other arrangements, while using a variety of materials. Students will learn how to create event-specific arrangements (weddings, holidays, etc.). Students will learn to promote and market floral products through a student-run floral shop.

IB ART 1-2 Year-Long Course: 7331-7332

Grades: 11-12

Prerequisite: Instructor approval required - Concurrent or previous enrollment in Advanced Art Lab

Credit Type: Arts or Elective

Students study art history, theory and design as it applies to their art focus. The artwork is research driven and students will keep a workbook (sketchbook/journal) showing their research, critical review, and development of ideas. The work will be performed as an extension of the advanced art lab courses and will ready the student for the IB art exam.

INTERIOR DESIGN 1-2 (*Family & Consumer Science Dept. Course*).....Year-Long Course: 8189-8190
Grades: 10-12
Prerequisite: None
Credit Type: Art or Career & Technical Education or Elective
 Find the creative designer in you! Learn the skills needed to create and design using the elements and principals of design. Students will learn how design improves productivity and happiness and how to incorporate sustainable design and varying lifestyle needs into spaces. Activities will involve analyzing, planning, designing, furnishing and equipping personal, work and leisure spaces. An applied design project in class and at home will be completed.

INTERIOR DESIGN 3-4 (*Family & Consumer Science Dept. Course*).....Year-Long Course: 8060-8061
Grades: 11-12
Prerequisite: Interior Design 1-2
Credit Type: Art or Career & Technical Education or Elective
 Students in this course will have successfully completed Interior Design 1-2 and will be building on previous skills learned to create designs, and select furniture and color schemes for a variety of interiors using the elements and principles of design. Activities will involve analyzing, planning, designing, furnishing and equipping personal, work and leisure spaces using computer design technology. Students will also collaborate with business and industry partners for projects to demonstrate and apply their advanced knowledge.

MULTIMEDIA DESIGN 1-2 (*Business Department Course*) Year-Long Course: 8215-8216
Grades: 9-12
Prerequisite: Computer Applications 1-2, Computer Science 1-2, or passed Computer Competence Assessment
Credit Type: Arts or Career & Technical Education or Elective
 Animation, digital video, graphic design and editing, audio production—where can you learn all of 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 DVDs, and on line exhibits. This course emphasizes conception and planning, solving design challenges, personal artistic expression and communication through multimedia technology.

PHOTOGRAPHY 1-2 (*Technology Education Dept. Course*) Year-Long Course: 8211-8212
Grades: 9-12
Prerequisite: None
Credit Type: Arts or Career & Technical Education or Elective
 This course is an introduction to photographic visualization and the mechanics of photography. Students 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 work for exhibition. IB art credit may be available for juniors and seniors who successfully complete this course. Students who meet the requirements may be eligible for college credits through the CTE Dual Credit program.

PHOTOGRAPHY 3-4 (*Technology Education Dept. Course*) Year-Long Course: 8213-8214
Grades: 10-12
Prerequisite: Photography 1-2 - Instructor approval required
Credit Type: Arts or Career & Technical Education or Elective
 This advanced course is a self-directed continuation of Photography 1-2, but provides a wider and deeper experience. Computer image manipulation and advanced techniques are also explored. The student will create a portfolio and will prepare an exhibition of their work. IB art credit may be available for juniors and seniors who successfully complete this course. .

PHOTOGRAPHY 5-6.....Year-Long Course: 8255-8256
Grades: 11-12
Prerequisite: Photo 3-4 and Instructor approval
Credit Type: Arts or Career & Technical Education or Elective
 Photography 5-6 is an advanced course intended for students who are serious about pursuing education and training beyond high school in photography. Students will learn advanced digital imaging techniques and may be involved in film camera dark room techniques. Students will be involved in a variety of projects and will be involved in photography events and activities within the school and community. Students are strongly urged to provide their own digital and/or 35mm film camera.

STUDIO ART 1.....One-Semester Course: 7101
Grades: 10-12
Prerequisite: None
Credit Type: Arts or Elective
 This course is an introduction to art as visual communication. Emphasis is on the exploration of various media and historical influences in art. Students will produce drawings, paintings, prints, posters, clay objects, computer-aided art, and digital photographs. This is a prerequisite for all other two-dimensional art courses.

STUDIO ART 2.....One-Semester Course: 7102
Grades: 10-12
Prerequisite: Studio Art 1
Credit Type: Arts or Elective
 This is a continuation of Studio Art 1, but at a higher level. Students expand their skills and ideas and must keep a portfolio. Emphasis is on drawing and painting as forms of visual communication. It may include all media and processes available in the studio.

WEB PAGE DESIGN 1-2 (*Business Department Course*)Year-Long Course: 8173-8174

Grades: 10-12

Prerequisite: *Computer Applications 1-2, Computer Science 1-2, or passed Computer Competence Assessment*

Credit Type: *Arts or Career & Technical Education or Elective*

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.

WEB PAGE DESIGN 3-4 (*Business Department Course*)..... Year-Long Course: 8175-8176

Grades: 11-12

Prerequisite: *Web Design 1-2*

Credit Type: *Arts or Career & Technical Education or Elective*

Successful completion of both semesters of this course satisfies the Culminating Project graduation requirement. Improve your web design skills with advanced techniques including: advanced CSS, advanced graphics. Add video and animation with ActionScript. Beat “static page” despair with data-driven content that updates on the fly. Create interactivity using ActionScript, databases, and ASP. You will create a digital portfolio of your creations and a customer/client site.

VOCAL MUSIC

BASS CHOIR 1-2.....Year-Long Course: 7163-7164

Grades: 9-12

Prerequisite: *none*

Credit Type: *Arts or Elective*

This course is designed for the tenor and bass vocal ranges. The focus is on learning and performing choral literature at a high quality level. Participation in choral performances is required. Grading is based on attendance, participation, and performance.

CHAMBER CHOIR 1-2Year-Long Course: 7241-7242

Grades: 9-12

Prerequisite: *Audition – Instructor approval required*

Credit Type: *Arts or Elective*

This course is for an advanced group of singers. Auditions are held in the spring for the upcoming academic year. Focus will be on learning and performing choral literature at a high quality level. Grading is based on attendance, daily participation and performance at concerts & performances.

CONCERT CHOIR 1-2..... Year-Long Course: 7161-7162

Grades: 9-12

Prerequisite: *none*

Credit Type: *Arts or Elective*

This is a non-auditioned group for mixed voices (boys and girls). The focus is on learning and performing choral literature at a high quality level. Grading is based on attendance, daily participation, and participating at concerts & performances.

IB MUSIC & THEORY 1-2.....Year-Long Course: 7461-7462

Grades: 11-12

Prerequisite: *Instructor approval required*

Credit Type: *Arts or Elective*

This course is required for students planning to take either level of the IB music tests, but this is also open to students who are not planning to take the IB test or be a full diploma IB student. This course focuses on the development of skills for the successful musician. Students listen, analyze, arrange/compose, prepare, and present music. Topics of study include the language and structure of music: notation, intervals, scales, chords, melodic and harmonic ear training, music history, and musical styles. Course structure parallels a first-year college music theory course. Job-shadowing and final compositions may be components of this course. Students are required to work independently.

MADHATTERS CHOIR 1-2 Year-Long Course: 7351-7352

Grades: 9-12

Prerequisite: *Audition – Instructor approval required – Concurrent enrollment in chamber choir or concert choir required, except for rhythm section members, or by teacher discretion.*

Credit Type: *Arts or Elective*

Auditions are held in the spring for the upcoming academic year. This course is for an advanced group of singers. Focus will be on learning and performing choral literature at a high quality level. This group performs at festivals, school & community events and concerts.

TREBLE CHOIR 1-2 Year-Long Course: 7161-7162

Grades: 9-12

Prerequisite: *none*

Credit Type: *Arts or Elective*

This course is designed for the soprano and alto ranges. Focus will be on learning and performing choral literature at a high quality level. Participation in choral performances is required. Grading is based on attendance, participation, and performance.

BUSINESS AND MARKETING

The business world depends upon highly skilled employees who are knowledgeable and adaptable. Business and Marketing courses provide you with an opportunity to obtain certification in Microsoft Office. Courses such as Web Page Design, Business English, and Accounting provide students with skills in leading industry technologies. Additionally, students interested in working while attending school may take advanced courses and participate in a worksite learning experience. Our courses are aligned with industry demands and provide students with up-to-date skills making them ready to enter the information age.

Please Note: As a non-credit grad requirement, students must demonstrate computer competency either through the successful completion of Computer Apps 1-2 or by passing the Kennewick School District's Computer Competency Assessment (CCA) with a minimum score of 70%. The CCA is offered multiple times during the school year. The CCA is scheduled for 2.5 hours; pre-registration is required.

ACCOUNTING 1-2Year-Long Course: 8127-8128

Grades: 11-12

Prerequisite: None

Credit Type: Career & Technical Education or Elective

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 students planning to major in business at the college level. Realistic simulations and projects create an active, involved learning environment.

BUSINESS ENGLISH 1-2Year-Long Course: 8129-8130

Grades: 11-12

Prerequisite: English 1-2, English 3-4, and Computer Applications 1-2

Credit Type: English or Career & Technical Education or Elective

Students may enroll in this course for a single semester or for both semesters. 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.

COMPUTER APPLICATIONS 1-2Year-Long Course: 8121-8122

Grades: 9-12

Prerequisite: None

Credit Type: Career & Technical Education or Elective; this course meets the computer competency requirement for graduation

Students will learn functions and shortcuts of Microsoft Windows, Word, PowerPoint, Excel, and Outlook software to format documents. Prepare the foundation for your future by learning how to use word processing, presentation, and spreadsheet software applications. Learn to research and document Internet information and enhance projects with digital tools. Students who meet the requirements may earn college credit through the CTE Dual Credit program. Students will take the internationally recognized Microsoft Office Certification Exams.

ENTREPRENEURSHIP 1-2Year-Long Course: 8145-8146

Grades: 12

Prerequisite: Completion of any other marketing course recommended

Credit Type: Career & Technical Education or Elective

Are you interested in starting your own business? This project based course includes risk taking, creativity, and basic steps to start any type of business. Students learn about 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 receive college credit through the CTE Dual Credit program.

FAST-TRACK COMPUTER APPLICATIONS 1-2Year-Long Course: 8119-8120

Grades: 9-12

Prerequisite: Administrative placement only - Student must meet ELL placement criteria

Credit Type: Career & Technical Education or Elective

Successful completion of both semesters of this course satisfies the Computer Competency graduation requirement. This course is limited to students with limited English-language proficiency. This course is designed to meet the needs of students whose first language is other than English and who have been identified as being in the Beginning, Advanced Beginning, or Intermediate level of English proficiency. Students will learn the basic functions and operations of using the Internet and Microsoft Word, PowerPoint, Excel software programs.

FASHION MARKETING 1&2Year-Long Course: 8149-8150

Grades: 9-12

Prerequisite: None

Credit Type: Career & Technical Education, Arts, or Elective

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 CTE Dual Credit program.

INTRODUCTION TO MARKETING 1-2 Year-Long Course: 8135-8136

Grades: 9-12

Prerequisite: None

Credit Type: Career & Technical Education or Elective

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. Students who meet the requirements may receive college credit through the CTE Dual Credit program.

MARKETING MANAGEMENT 1-2.....Year-Long Course: 8139-8140

Grades: 11-12

Prerequisite: Completion of any other business/ marketing course. Exceptions may be made with Instructor approval required.

Credit Type: Career & Technical Education or Elective

Do you have 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 project based activities are emphasized and may include presentations to outside groups, role-playing, and working with local a business to develop a promotion plan. Students are active participants in DECA. Students who meet the requirements may receive college credit through the CTE Dual Credit program.

MARKETING OPERATIONS 1&2 (School Store)Year-Long Course: 8141-8142

Grades: 9-12

Prerequisite: None

Credit Type: Career & Technical Education or Elective

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 CTE Dual Credit program. Interested students may participate in work-based learning.

MULTIMEDIA DESIGN 1-2 Year-Long Course: 8215-8216

Grades: 9-12

Prerequisite: Computer Applications 1-2, Computer Science 1-2, or passed Computer Competence Assessment

Credit Type: Arts or Career & Technical Education or Elective

Animation, digital video, graphic design and editing, audio production—where can you learn all of 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 DVDs, and on line exhibits. This course emphasizes conception and planning, solving design challenges, personal artistic expression and communication through multimedia technology.

SOCIAL MEDIA 1-2 Year-Long Course: 8071-8072

Grades: 10-12

Prerequisite: A Business or Marketing Class

Credit Type: Career & Technical Education or Elective

A dynamic course offered to sophomores, juniors, and seniors who have previously taken a Marketing or Business course that focuses on the power of social media in marketing. Concepts to be covered include how social media is changing media, business, development, and government, as well as use of social media tools and use of filters. Includes instruction in use of social media within organizations, including relationship building, creation of content, and policy concerns.

SPORTS/ENTERTAINMENT MARKETING 1-2..... Year-Long Course: 8137-8138

Grades: 10-12

Prerequisite: None

Credit Type: Career & Technical Education or Elective

This class is designed for students with an interest in the sports and entertainment industry. Topics emphasized include: business communications, 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. Classroom instruction is enhanced through field trips and community partnerships. 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 receive college credit through the CTE Dual Credit program.

WEB PAGE DESIGN 1-2.....Year-Long Course: 8173-8174

Grades: 10-12

Prerequisite: Computer Applications 1-2, Computer Science 1-2, or passed Computer Competence Assessment

Credit Type: Arts or Career & Technical Education or Elective

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 receive college credit through the CTE Dual Credit program.

WEB PAGE DESIGN 3-4 Year-Long Course: 8175-8176

Grades: 11-12

Prerequisite: Web Design 1-2

Credit Type: Arts or Career & Technical Education or Elective

Improve your web design skills with advanced techniques including: advanced CSS, advanced graphics. Add video and animation with ActionScript. Beat “static page” despair with data-driven content that updates on the fly. Create interactivity using ActionScript, databases, and ASP. You will create a digital portfolio of your creations and a customer/client site.

WORK-SITE LEARNING 1-2 Year-Long Course: 8153-8154

Grades: 11-12

Prerequisite: Concurrent enrollment in an advanced business or marketing course required

Credit Type: Career & Technical Education or Elective

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 and 360 hours to earn a 1.0 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.

COMPUTER SCIENCE

Explore one of the fastest growing career fields of study today! Computer Science offers a variety of courses that provide a foundation for students to pursue a college degree or directly enter the workforce after high school.

PRINCIPLES OF COMPUTER SCIENCE 1-2 Year-Long Course: 8249-8250

Grades: 9-12

Prerequisite: Student must have basic keyboarding skills

Credit Type: 1.0 credits of Career & Technical Education or 0.5 credits Math and 0.5 credits Career & Technical Education or Elective

This year-long course is an introduction to computer science, intended for the student looking for an exposure to computer science. The course provides students the opportunity to experience the satisfaction of writing software and exposes students to the secrets of computer hardware. Students explore programming concepts using Excel, Game Maker, Android App Inventor, and other introductory programming languages. This course trains students to create computer-generated graphics, develop a computer game, create an app, program a robot, and other projects. Students will pursue practical tasks such as maintaining their personal computers. This course is designed for the student with a casual interest in computers and software who would like to broaden his/her knowledge and skill. It is not designed for the student who is seriously interested in delving deeper into the study of computer hardware and software.

COMPUTER SCIENCE 1-2 (Visual Basic Programming) Year-Long Course: 8161-8162

Grades: 9-12

Prerequisite: Student must have keyboarding skills – Algebra 1 or concurrent enrollment in Algebra 1 – Instructor approval required

Credit Type: 1.0 credits of Career & Technical Education or 0.5 credits Math and 0.5 credits Career & Technical Education or Elective

Successful completion of both semesters of this course satisfies the Computer Competency graduation requirement. Visual BASIC.NET programming 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.

COMPUTER SCIENCE 3-4 (Java I Programming) Year-Long Course: 8163-8164

Grades: 10-12

Prerequisite: Computer Science 1-2 or strong interest in computer science – Instructor approval required

Credit Type: Career & Technical Education or Elective

Students in this course will learn computer science theory and gain knowledge of Java programming in a problem-solving environment. This course is a must for students pursuing college level engineering or computer science. Topics will include concepts through introductory Object Oriented Programming, static arrays and array lists.

COMPUTER SCIENCE 5-6 (Java II Programming) Year-Long Course: 8165-8166

Grades: 11-12 (10 by instructor approval)

Prerequisite: Computer Science 3-4 - Instructor approval required

Credit Type: Career & Technical Education or Elective

Students will develop good programming skills in Java as they learn about polymorphism, interfaces, abstract classes, GUI interfaces, file processing, binary searches, sorting, advanced recursion and more. An independent in-depth project will require students to demonstrate mastery of their skills. This course meets the IB SL requirements.

COMPUTER SCIENCE 7-8 (Java Programming) Year-Long Course: 8167-8168

Grades: 11-12

Prerequisite: Computer Science 5-6 -- Instructor approval required

Credit Type: Career & Technical Education or Elective

Students will be allowed to pursue upper level programming concepts in Java to include linked lists, binary trees, stacks, queues, and hashing algorithms. Students will finish advanced Java programming concepts during the 1st semesters and complete an independent in-depth project during the 2nd semester. The project will require students to demonstrate mastery of their skills. This course allows students to complete the program dossier for the IB HL requirements.

IT AND CYBER SECURITY FUNDAMENTALS Year-Long Course: 8159-8160
Grades: 9-12
Prerequisite: *Principles of Computer Science 1-2 or instructor approval*
Credit Type: *Career & Technical Education or Elective*
 In this course students receive classroom training preparing them for the world of information technology (IT) and cybersecurity. Students will receive essential training in the areas of basic hardware, operating systems, networking, and the cloud, and learn security measures to protect hardware, software and information. Students who meet the requirements may receive college credit through the CTE Dual Credit program.

PC TROUBLE-SHOOTING 1-2 Year-Long Course: 8155-8156
Grades: 9-12
Prerequisite: *None*
Credit Type: *Career & Technical Education or Elective*
 In this course students receive classroom training preparing them to do PC technical repair. Students will learn technical skills, operating system ins and outs, networking essentials and customer relation skills as needed in the workplace. Student learning will emphasize problem identification and correction by being presented with real world examples of PC problems. Students are prepared to test for A+ certification upon completion of the course. Students who meet the requirements may receive college credit through the CTE Dual Credit program.

PC INTERNSHIP 1-2 Year-Long Course: 8157-8158
Grades: 10-12
Prerequisite: *PC Trouble-Shooting or concurrent enrollment in PC Trouble-Shooting*
Credit Type: *Career & Technical Education or Elective*
 This lab course provides students the opportunity to get hands-on experience working with technology in the school's computer environment. 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. Students who meet the requirements may receive college credit through the CTE Dual Credit program.

NETWORKING+ 1-2 Year-Long Course: 8179-8180
Grades: 11-12
Prerequisite: *PC Trouble-Shooting*
Credit Type: *Career & Technical Education or Elective*
 Students in this course receive classroom training preparing them to do network administration and network wiring. Students work in an experimental network environment and receive online training.

ENGLISH

AMERICAN LITERATURE 1-2 Year-Long Course: 1311-1312
Grades: 11-12
Prerequisite: *English 1-2 and English 3-4*
Credit Type: *English or Elective*
 Explore the growth and development of our cultural heritage as it is reflected in our literature. Distinctly American themes emerge in short stories, poetry, novels, and plays, which integrate with and complement instruction in U.S. history.

BUSINESS ENGLISH 1-2 (*Business & Marketing Dept. course*) Year-Long Course: 8129-8130
Grades: 11-12
Prerequisite: *English 1-2, English 3-4, and Computer Applications 1-2*
Credit Type: *English or Career & Technical Education or Elective*
Students may enroll in this course for a single semester or for both semesters. 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.

CREATIVE WRITING One-Semester Course: 1441
Grades: 11-12
Prerequisite: *6 semesters of English or 3.0 or higher GPA or Instructor approval required – computer access and keyboarding skills*
Credit Type: *English or Elective*
 The course is designed to develop writing skills beyond the junior level. Each student is encouraged to experiment and to discover hidden talents and to create an individual writing style. Students will write original stories, poems, plays, and letters.

DEBATE 1 One-Semester Course: 1471
Grades: 11-12
Prerequisite: *English 1-2 - Instructor approval required.*
Credit Type: *English*
 The theory and practice of developing oral communication skills is the core of the course. Argumentation is taught through the use of thinking strategies, fallacies, reasoning models, outlining and flow charts. Major types of debate, including Lincoln-Douglas, Cross Examination, Controversy, and Policy, are used throughout the first semester of the course.

DEBATE 2 One Semester Only: 1472
Grades: 11-12
Prerequisite: *Debate 1 - Instructor approval required.*
Credit Type: *English or Elective*
 This course is a continuation of Debate 1. Increased intensive research and longer length of presentation are core oral communication skills taught in this course. Continued focus on all types of debate is researched to a higher level. Debate and mock trial regional and state competitions take place during this course. Preparation and practice sessions periodically occur in the evening.

ENGLISH 1-2..... Year-Long Course: 1101-1102

Grades: 9-10

Prerequisite: None

Credit Type: English or Elective

The first semester of this required course covers short stories, poetry, and mythology. The second semester includes units on self-awareness and career development, non-fiction, drama, and the novel. Included in these units are activities that enable students to learn and practice principles of good writing and speaking. The Read 180 curriculum, which includes the use of instructional software, direct instruction in reading and writing, and high interest fiction and nonfiction independent reading, may be a central focus of some sections of this course.

HONORS ENGLISH 1-2Year-Long Course: 1263-1264

Grades: 9

Prerequisite: Administrative placement or by approval at student request

Credit Type: English or Elective

This course is a more academically challenging version of English 1-2. It is designed to engage students in the reading of literature and non-fiction as well as develop and practice presentation and writing skills. Students must be at grade level, be willing to work hard, come to class prepared, and stay on top of reading assignments given daily.

ENGLISH 1-2 BLOCK..... Year-Long Course: 1111-1112

Grades: 9-10

Prerequisite: Administrative placement only – student must meet placement criteria

Credit Type: 1.0 English and 1.0 Social Studies or 1.0 English and 1.0 Elective

This course is a scheduled 2-period block. It is a combination of English 1-2 and World Studies1-2. The course of study includes short stories, poetry, mythology, units on self-awareness and career development, non-fiction, drama, and the novel. Included in these units are activities that enable students to learn and practice principles of good writing and speaking. The course is designed for students whose reading, writing, and comprehension skills are significantly below grade level, who do not qualify for participation in the ELL and/or Special Services program, and who would benefit from pursuing this course of study in a 2-period block.

ENGLISH 1-2 SET Year-Long Course: 1151-1152

Grades: 9-11

Prerequisite: Administrative placement only – student must meet ELL placement criteria.

Credit Type: English (Satisfies English 1-2 requirement) or Elective

This course is designed for students at the Intermediate/Advanced levels of English-language proficiency. Emphasis is placed on study skills and organization; composition, especially sentence fluency, paragraphs, and punctuation; reading development and improvement of listening and speaking skills. The Read 180 curriculum, which includes the use of instructional software, direct instruction in reading and writing, and high interest fiction and nonfiction independent reading, is a central focus of some sections of this course. The course that follows sequentially is English 3-4 SET. This course cannot be repeated without a review of the student's academic progress and assessment scores.

ENGLISH 3-4..... Year-Long Course: 1201-1202

Grades: 10-11

Prerequisite: English 1-2

Credit Type: English or Elective

This course emphasizes the study of multi-cultural literature, which becomes a springboard for speaking and writing assignments. A major focus is preparation for success on the State ELA Exam.

PRE-IB ENGLISH 3-4 Year-Long Course: 1241-1242

Grades: 10

Prerequisite: English 1-2

Credit Type: English or Elective

This course is an intensive study of literature in most of its forms, including poetry, drama, short story, and the novel. As a prerequisite for this course, students must have successfully completed English 1-2, which includes in its curriculum the study of *The Odyssey* and *Romeo and Juliet*. Students will learn to become much more sensitive to language and its many nuances. Students will also learn how to respond to literature analytically in their writing and speaking; for both of these skills are essential components of the IB English program for the 11th and 12th grades. Students must be reading and writing at grade level, be willing to work hard, come to class prepared, and stay on top of reading assignments given daily.

ENGLISH 3-4 SET Year-Long Course: 1251-1252

Grades: 10-12

Prerequisites: Administrative placement only – student must meet ELL placement criteria

Credit Type: English (Satisfies English 3-4 requirement) or Elective

Students gain experience reading, writing, listening, and speaking in the English language. They read, analyze, and respond in writing to different types of literature. Various written and/or oral assignments will be included—speeches, oral presentations, essays, book reports, reading responses/reactions. The Read 180 curriculum, which includes the use of instructional software, direct instruction in reading and writing, and high interest fiction and nonfiction independent reading, is a central focus of some sections of this course. This course cannot be repeated without a review of the student's academic progress and assessment scores.

ENGLISH 5-6Year-Long Course: 1301-1302

Grades: 11

Prerequisite: Administrative placement only

Credit Type: English or Elective

This course is for Juniors who have not taken or who have not passed the State ELA SBAC Exam and also for Seniors who are not on track to graduate at the end of the school year and who have not taken or who have not passed the ELA SBAC. The emphasis of this course is to help the student strengthen his/her reading, writing, and comprehension skills. As a part of the course, students will prepare a portfolio of their work in ELA. The portfolio is referred to as a Collection of Evidence (COE). The COE will be submitted to a state office for evaluation in June, and if successfully evaluated, will satisfy the State ELA SBAC requirement. Students in this course are required to take the ELA SBAC as appropriate when the exam is offered.

ENGLISH 7-8..... Year-Long Course: 1455-1456
Grades: 12

Prerequisite: Administrative placement only

Credit Type: English or Elective

This course is for Seniors who have not passed the State ELA SBAC Exam and are otherwise on track to graduate at the end of the school year. The emphasis of this course is to help the student improve his/her reading, writing, and comprehension skills. As a part of the course, students will prepare a portfolio of their work in ELA. The portfolio is referred to as a Collection of Evidence (COE). The COE will be submitted to a state office for evaluation in January, and if successfully evaluated, will satisfy the State ELA SBAC requirement.

ENGLISH FOR COLLEGE 1-2 Year-Long Course: 1451-1452
Grades: 12

Prerequisite: English 1-2, English 3-4, and American Literature 1-2 or Instructor approval

Credit Type: English or Elective

In this two-semester course, students will become acquainted with classic literature, short stories, and thought. The course is designed for students interested in developing their love of great literature and an understanding of philosophy. The goal is to see the connection of literature to contemporary world events and their own personal experiences. The course is taught at a pre-college level with a heavy emphasis on reading and writing. Students will analyze literature and display their mastery through college-level assessments. Students will be expected to participate in class discussions and peer editing. Students will be required to read and analyze literature. Students will also be held accountable for material presented in lectures. Class assignments include writing and revision, in-class essays using college prompts, free writing, and maintenance of a reading journal.

ENGLISH LAB 1-2 or READING LAB 1-2..... Year-Long Course: 1171-1172 or 1173-1174
Grades: 9

Prerequisite: Administrative placement only – Student must meet placement criteria – Concurrent enrollment in English 1-2 is required.

Credit Type: Elective

This course is for the student whose proficiency is significantly below grade level and does not qualify for participation in the ELL and/or Special Services programs. The focus is decoding, vocabulary, comprehension, reading strategies, and improving reading in the content areas to maximize the student's successful performance on the ELA SBAC. The Read 180 curriculum, which includes the use of instructional software, direct instruction in reading and writing, and high interest fiction and nonfiction independent reading, may be a central focus of some sections of this course.

ENGLISH LAB 3-4 or READING LAB 3-4..... Year-Long Course: 1175-1176 or 1271-1272
Grades: 10

Prerequisite: Administrative placement only – Student must meet placement criteria – Concurrent enrollment in English 3-4 is required.

Credit Type: Elective

This course is designed for the student whose reading proficiency is significantly below grade level, who needs additional assistance beyond Reading Lab 1-2, and who does not qualify for participation in the ELL and/or Special Services programs. The focus is decoding, vocabulary, comprehension, reading strategies, and improving reading in the content areas to maximize the student's successful performance on the ELA SBAC. The Read 180 curriculum, which includes the use of instructional software, direct instruction in reading and writing, and high interest fiction and nonfiction independent reading, may be a central focus of some sections of this course.

IB LANGUAGE AND LITERATURE 1-2..... Year-Long Course: 1363-1364
Grades: 11 & 12

Prerequisite: Grade of "C" or better in English 1-2 and English 3-4; Must have passed the ELA SBA (level 3 or better)

Credit Type: English or Elective

The course combines the study of literature and the study of language. It explores issues of language in its cultural context, as well as forms of and problems with mass communication. It also requires the close study of literary works, and the historical, cultural, and social contexts from which they come. Some topics include the persuasive language in political speeches, the impact of electronic communication on meaning, the way that language can affirm identity, cultural bias and stereotypes in language, the ways in which jargon and professional language are used, political pressure and censorship, and elements of narration and style. Studied texts include novels, essays, speeches, blogs, propaganda, visual art and advertisements, and poetry. Students will also write in a variety of forms (e.g. essay, letter, brochure, and memoir). The course aligns with Common Core Standards with its equal emphasis on literary and informational texts.

IB LANGUAGE AND LITERATURE 3-4..... Year-Long Course: 1365-1366
Grades: 12

Prerequisite: IB Lang. and Lit 1-2

Credit Type: English or Elective

The course *continues* the study of literature and the study of language. It explores issues of language in its cultural context, as well as forms of and problems with mass communication. It also requires the close study of literary works, and the historical, cultural, and social contexts from which they come. Some topics include the persuasive language in political speeches, the impact of electronic communication on meaning, the way that language can affirm identity, cultural bias and stereotypes in language, the ways in which jargon and professional language are used, political pressure and censorship, and elements of narration and style. Studied texts include novels, essays, speeches, blogs, propaganda, visual art and advertisements, and poetry. Students will also write in a variety of forms (e.g. essay, letter, brochure, and memoir). The course aligns with Common Core Standards with its equal emphasis on literary and informational texts.

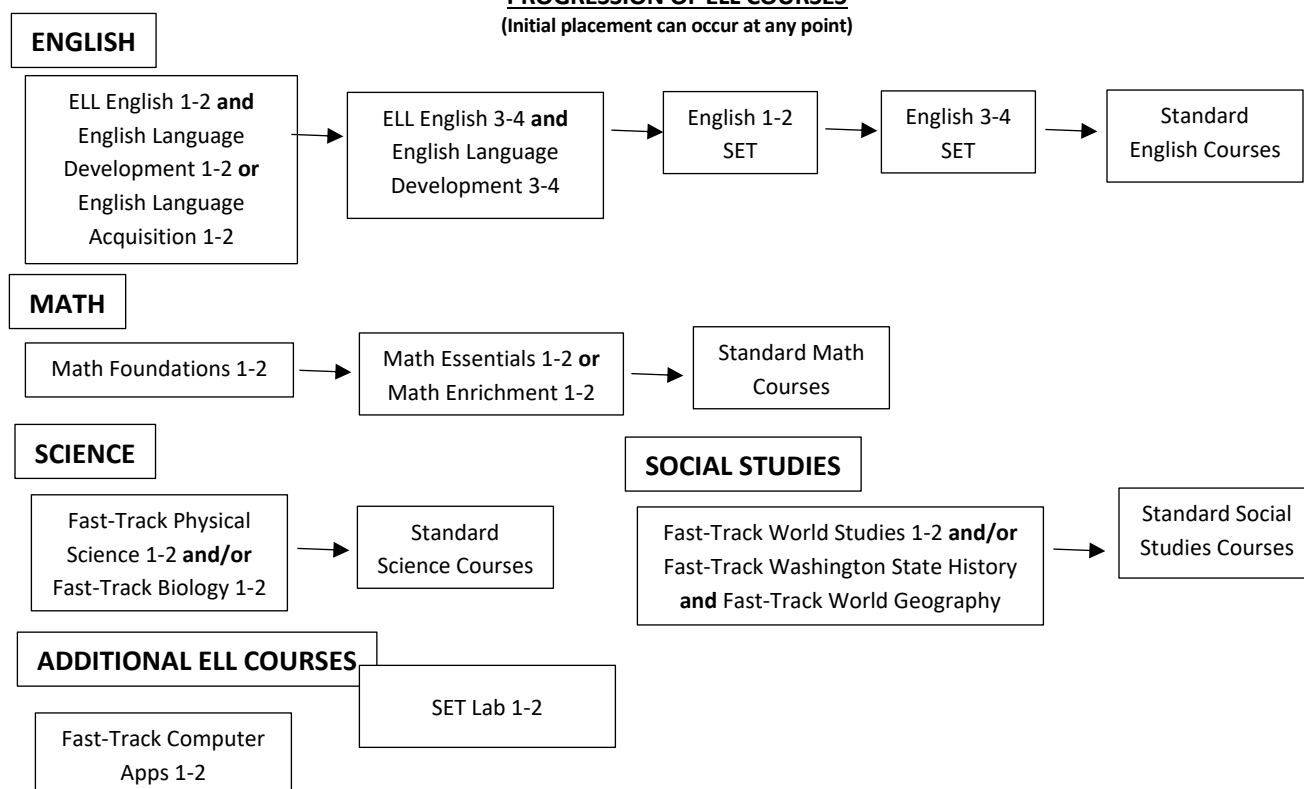
IB LITERATURE 1-2	Year-Long Course: 1361-1362
<u>Grades: 11</u>	
<u>Prerequisite:</u> Grade of “B” or better in English 1-2 and English 3-4; must have passed the ELA SBAC (level 4 preferred)	
<u>Credit Type:</u> English or Elective	
This honors level course is the 1 st year of a two-year IB English program that continues through the student’s senior year. The continuation course is IB Senior English 1-2. This course lays the foundation for what is tested in the IB English course and is for motivated, college-bound students who have demonstrated solid English skills in the 9 th and 10 th grades. The curriculum includes college-level reading and composition, as well as group discussions and oral presentations. Parents should be aware this course is part of an international program that has a strong emphasis on other cultures, some of which have different values and moral standards than our own. Consequently, students will read college-level literature that may contain some mature content. Students wishing to take this course should ask for the reading list during their sophomore year. Attendance and participation in the “Shakespeare in the Snow” retreat is strongly recommended.	
IB SENIOR ENGLISH 1-2	Year-Long Course: 1421-1422
<u>Grades: 12</u>	
<u>Prerequisite:</u> IB Literature	
<u>Credit Type:</u> English or Elective	
This honors level course is the 2 nd year of a two-year IB English program that began during the student’s junior year. The preliminary course is IB Literature 1-2. This course includes testing that is based on what is covered in the preliminary course. Parents should be aware this course is part of an international program that has a strong emphasis on other cultures, some of which have different values and moral standards than our own. Consequently, students will read college-level literature that may contain some mature content. The two-year IB English program requires students to take the IB English A1 exam in May in both a written and an oral analysis of literature, and arrange for the payment of fees associated with the exam. One of the examinations consists of a 15-minute taped oral commentary on an extract of prose or poetry. Students are required to purchase most texts used in this course. Attendance and participation in the “Shakespeare in the Snow” retreat is strongly recommended.	
JOURNALISM 1-2	Year-Long Course: 1351-1352
<u>Grades: 10-12</u>	
<u>Prerequisite:</u> Instructor approval required	
<u>Credit Type:</u> English or Elective	
Journalism is a course designed for students who have a passion for telling stories through written, video, and audio production. The purpose of this class is to establish a well informed and proud community via engaging and compelling narratives about the people and experiences of Kennewick High, the local community, contemporary national and international issues, and pop culture. We aspire to give a voice to the underrepresented and bring journalism into the 21st century. Our stories will be told via reviews, articles, commentaries, podcasts, videos, and artwork; we will publish on our website and promoted through our social media accounts. This course is available as an elective for sophomores and as an English credit for juniors and seniors.	
MYTHOLOGY.....	One-Semester Course: 1462
<u>Grades: 12</u>	
<u>Prerequisite:</u> English 1-2 and English 3-4	
<u>Credit Type:</u> English	
Students read and discuss Greek, Roman, Norse, and other myths as examples of the classical beginnings of literature. Continuing vocabulary development, a chronological sense of history, and a perspective of geography are all part of this course.	
SURVEY OF LITERATURE & VOCABULARY 1-2.....	Year-Long Course: 1431-1432
<u>Grades: 12</u>	
<u>Prerequisite:</u> English 1-2 and English 3-4	
<u>Credit Type:</u> English or Elective	
This year-long course emphasizes college readiness. During their course of study, students are exposed to literature encompassing a wide variety of genres in order to meet the demands of college disciplines, enabling students to critically articulate their interpretations/analyses of their readings. Additionally, students will develop strategies for increasing vocabulary, taking notes, and reading college-level materials. Writing activities will strengthen word usage for the expectations encountered at the college level.	

ENGLISH LANGUAGE LEARNING (ELL)

The purpose of the English Language Learning Program is to ensure equal access to the educational opportunities offered at Kennewick High School by providing English instruction and assistance to students who have a home language other than English. Students enrolling in ELL courses must meet placement criteria. The flow chart below illustrates the sequence of courses to be followed in developing mastery of the English language.

PROGRESSION OF ELL COURSES

(Initial placement can occur at any point)



ENGLISH LANGUAGE ACQUISITION 1-2 Year-Long Course: 9205-9206

Grades: 9-12

Prerequisite: Administrative placement only – student must meet ELL placement criteria

Credit Type: Elective

This course is for students at the beginning proficiency level of English. Its focus is on developing skills necessary for monolingual students with low phonemic awareness. Instruction in oral and written English and beginning literacy is provided, including phonics instruction, grammar and spelling, vocabulary development, and speaking and listening exercises. This course should be taken simultaneously with ELL English 1-2. The course that follows sequentially is English Development 1-2 or 3-4, depending on skill development. This course cannot be repeated without a review of the student's academic progress and assessment scores.

ENGLISH LANGUAGE DEVELOPMENT 1-2 Year-Long Course: 9207-9208

Grades: 9-12

Prerequisite: Administrative placement only – student must meet ELL placement criteria

Credit Type: Elective

This course is for students at the advanced beginning/intermediate proficiency level of English. Its focus is on developing skills necessary for fluent communication in English. Instruction in oral and written English is provided, including grammar and spelling, vocabulary development, and speaking and listening exercises. This course should be taken simultaneously with ELL English 1-2. The course that follows sequentially is English Language Development 3-4. This course cannot be repeated without a review of the student's academic progress and assessment scores.

ENGLISH LANGUAGE DEVELOPMENT 3-4 Year-Long Course: 9209-9210

Grades: 9-12

Prerequisite: Administrative placement only – student must meet ELL placement criteria

Credit Type: Elective

This course is for students at the intermediate/advanced intermediate proficiency level of English. Its focus is on developing skills necessary for fluent communication in English. Instruction in oral and written English is provided, including grammar and spelling, vocabulary development, and speaking and listening exercises. This course should be taken simultaneously with ELL English 3-4. The course that follows sequentially is English 1-2 SET. This course cannot be repeated without a review of the student's academic progress and assessment scores.

ELL ENGLISH 1-2 (English Dept. Course) Year-Long Course: 1181-1182

Grades: 9-12

Prerequisite: Administrative placement only – student must meet ELL placement criteria

Credit Type: English

This course should be taken simultaneously with English Language Development 1-2 or English Language Acquisition 1-2. Its focus is on English language development through oral language, reading, and writing at a beginning level. Instruction is provided to help students meet the English Language Proficiency standards and Common Core State Standards. The course that follows sequentially is ELL English 3-4. This course cannot be repeated without a review of the student's academic progress and assessment scores.

ELL ENGLISH 3-4 (*English Dept. Course*)..... Year-Long Course: 1253-1254

Grades: 9-12

Prerequisite: Administrative placement only – student must meet ELL placement criteria

Credit Type: English

This course should be taken simultaneously with English Language Development 3-4. Its focus is on English language development through oral language, reading, and writing at an intermediate level. Instruction is provided to help students meet the English Language Proficiency standards and Common Core State Standards. The course that follows sequentially is English 1-2 SET. This course cannot be repeated without a review of the student's academic progress and assessment scores.

ENGLISH 1-2 SET (*English Dept. Course*) Year-Long Course: 1151-1152

Grades: 9-12

Prerequisite: Administrative placement only – student must meet ELL placement criteria.

Credit Type: English (Satisfies English 1-2 requirement) or Elective

This course is designed for students at the intermediate/advanced levels of English-language proficiency. Emphasis is placed on study skills and organization; composition, especially sentence fluency, paragraphs, and punctuation; reading development and improvement of listening and speaking skills. The course that follows sequentially is English 3-4 SET. This course cannot be repeated without a review of the student's academic progress and assessment scores.

ENGLISH 3-4 SET (*English Dept. Course*) Year-Long Course: 1251-1252

Grades: 10-12

Prerequisites: Administrative placement only – student must meet ELL placement criteria

Credit Type: English (Satisfies English 3-4 requirement) or Elective

Students gain experience reading, writing, listening, and speaking in the English language. They read, analyze, and respond in writing to different types of literature. Various written and/or oral assignments will be included—speeches, oral presentations, essays, book reports, reading responses/reactions. This course cannot be repeated without a review of the student's academic progress and assessment scores.

SET LAB 1-2 Year-Long Course: 9223-9224

Grades: 9-12

Prerequisite: Administrative placement only – student must meet ELL placement criteria

Credit Type: Elective

This course is designed as a support class for ELLs in mainstream content-area classes. Students will learn study skills and organization skills to help them be successful in their content-area classes. They will also work on test preparation and homework assignments in class with appropriate scaffolding and supports.

FAMILY AND CONSUMER SCIENCES

TEACHING ACADEMY 1-2 Year-Long Course: 8081-8082

Grades: 11-12

Prerequisite: student in good standing (attendance and citizenship) – parent permission to leave campus – WSP background check – ability to provide own transportation to internships

Credit Type: 1.0 Career & Technical Education or Elective

Do you want to be a teacher? This is a yearlong class designed to give students the “total teaching experience.” First, you will learn about teaching methods, classroom management, lesson planning and the rigors of the teaching profession. You will also gain valuable work skills, plan lessons, make presentations and speak to classes with confidence. In this class, you will have the opportunity to spend time with children at an internship in the elementary school setting applying newly learned concepts. If you have ever considered becoming a teacher, this is the class for you! Students who meet the requirements may receive 11 college credits through the CTE Dual Credit program.

CHILD PSYCHOLOGY 1-2 Year-Long Course: 8181-8182

Grades: 10-12

Prerequisite: None

Credit Type: Career & Technical Education or Elective

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 the 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 will develop skills to work with children. Hands-on activities include a playschool and tutoring young children. Students who meet the requirements may receive college credit through the CTE Dual Credit program, as well as STARS certification.

FIBER ARTS 1-2 Year-Long Course: 8183-8184

Grades: 10-12

Prerequisite: None

Credit Type: Visual Arts or Career & Technical Education

Interested in fashion? Students will learn about fashion design, textiles, reading and understanding patterns, consumer skills, and career opportunities in the fashion, textile and apparel industry. Historical, cultural, economic, and other influences on wardrobe choices and fashion will be examined. Students will create personal clothing pieces as well as complete other fashion design/sewing and craft projects. Materials will be required for projects.

FOOD AND FITNESSOne-Semester Course: 8200

Grades: 10-12

Prerequisite: None

Credit Type: Career & Technical Education or Physical Education or Elective

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

FOODS AND NUTRITION.....One-Semester Course: 8187

Grades: 11-12

Prerequisite: None

Credit Type: Career & Technical Education or Elective

Are you hungry? Are you curious about how to fix your favorite dish? Explore the world of food and learn basic cooking skills for home, career, and entertainment. Create mouthwatering desserts, yummy baked goods, hearty soups and pastas, and delicious meals. Prepare your food with flare and make them visually appealing. In addition to cooking, students will learn safe food handling and preparation to earn a Washington State Food Handlers Permit.

FOOD SCIENCE 1-2Year-Long Course: 8185-8186

Grades: 11-12

Prerequisite: None

Credit Type: Career & Technical Education or Science Additional or Elective

The food science industry is one of the largest industries in the United States with many job opportunities from the farm to table. You will work as a team to prepare and conduct tasty food experiments such as cheese production to leavening agents in baked goods. Explore stages of candy making and pasta making. Predict, interpret and evaluate food laboratory results. Discover exciting careers in the Food Science Industry.

HEALTHOne-Semester Course: 8199

Grades: 9-12

Prerequisite: None – Recommended to take a PE Fitness Course in the opposite semester during the same school year

Credit Type: Health or Career & Technical Education or Elective

It is strongly recommended that this course and Personal Fitness (#6111) be taken in the same school year because of the complimentary nature of these courses to each other. Students will analyze and evaluate their current health status and set health goals based on personal needs. Students will study physical health principles, communication, social skills, decision-making, nutrition, drugs, body systems, human sexuality, diseases, abuse issues, grieving, and community health resources.

INDEPENDENT LIVINGOne-Semester Course: 8188

Grades: 11-12

Prerequisite: None

Credit Type: Career & Technical Education or Elective

How will you survive in the *real world*? This is a hands-on course 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 simply 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!

INTERIOR DESIGN 1-2.....Year-Long Course: 8189-8190

Grades: 10-12

Prerequisite: None

Credit Type: Art or Career & Technical Education or Elective

Find the creative designer in you! Learn the skills needed to create and design using the elements and principals of design. Students will learn how design improves productivity and happiness and how to incorporate sustainable design and varying lifestyle needs into spaces. Activities will involve analyzing, planning, designing, furnishing and equipping personal, work and leisure spaces. An applied design project in class and at home will be completed.

INTERIOR DESIGN 3-4.....Year-Long Course:

Grades: 11-12

Prerequisite: Interior Design 1-2

Credit Type: Art or Career & Technical Education or Elective

Students in this course will have successfully completed Interior Design 1-2 and will be building on previous skills learned to create designs, and select furniture and color schemes for a variety of interiors using the elements and principles of design. Activities will involve analyzing, planning, designing, furnishing and equipping personal, work and leisure spaces using computer design technology. Students will also collaborate with business and industry partners for projects to demonstrate and apply their advanced knowledge.

LIFE 101.....Year-Long Course:

Grades: 11-12

Prerequisite: None

Credit Type: Career & Technical Education

This course will give students a head start on their future and assist in career and college planning. Students will: explore post-high school options, complete a scholarship/post high school application and college application essay; learn how to manage money, make financial decisions, identify and use tools and knowledge to prepare for life, and; understand how to implement decision-making skills that they will apply to become savvy consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society. This course will use a “hands-on” instructional approach involving techniques such as problem solving, reasoning, simulation, and direct application of the concepts to the world in which students live.

PERSONAL CHOICES One-Semester Course: 8258

Grades: 9-10

Prerequisite: None; administrator approval required

Credit Type: Career & Technical Education

Make wise decisions! Learn how to navigate high school by staying organized, developing study skills, managing your time, setting goals, and identifying and accessing resources. Students will learn how to: create healthy relationships with the people around them, successfully communicate with others, be an effective team member, and become involved in their high school community.

TEAM READ 1-2 Year-Long Course: 8197-8198

Grades: 10-12

Prerequisite: Minimum 2.0 cumulative GPA, good attendance & citizenship, parental permission to be off campus, and Washington State background check are required. Students must provide their own transportation to off-campus sites (selected elementary schools).

Credit Type: Career & Technical Education or Elective

This course meets after school during 7th period (2:15 p.m. to 3:10 p.m.). **Students must provide their own transportation to mentoring and tutoring sites.**

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.

MATHEMATICS

Most math courses are year-long in length and all are sequential in scope. Except in rare situations, students are not able to take math courses out of sequence. The placement of students in Enriched Math courses is based upon student performance in previous Math courses, the student's Functional-Level Math Assessment (RIT) score as determined by the Measure of Academic Progress (MAP) test battery, and instructor approval is required.

ENRICHED MATH COURSES (*These are not college preparatory courses*)

MATH ESSENTIALS 1-2 Year-Long Course: 2151-2152

Grades: 9-10

Prerequisite: Administrative placement only – student must meet placement criteria

Credit Type: **Elective credit**

This math course is for students whose math skills are at the middle school level and who need to develop basic computational arithmetic skills. For placement purposes, the student's MAP score is below 217. Students will work at an individualized pace using the ALEKS math program.

MATH FOUNDATIONS 1-2 Year-Long Course: 2161-2162

CONTENT LANGUAGE ACQUISITION 1-2 Year-Long Course: 9201-9202

Grades: 9-12

Prerequisite: Administrative placement only – student must meet ELL placement criteria

Credit Type: **Elective credit only for both courses**

This math course combination is designed to assist English language learners whose math skills are at the 2nd-4th grade level, needing instruction in the basic concepts and functions of mathematics, and must strengthen their English language skills in order to participate in a math classroom environment. Emphasis will include concepts and vocabulary necessary to do basic math skills. For placement purposes, the student's RIT score is below 200.

MATH ENRICHMENT 1-2 Year-Long Course: 2191-2192

Grades: 9-11

Prerequisite: Administrative placement only

Credit Type: **Elective credit**

This math course builds on essential math skills needed to successfully learn Algebra. Students will learn the beginning Algebra concepts in preparation for Algebra Block 1-2. For placement purposes, the student's RIT score is below 224.

ALGEBRA BLOCK 1-2 Year-Long Course: 2131-2132

Grades: 9-10

Prerequisite: Administrative placement only – student must meet placement criteria

Credit Type: Math

This course is for students who passed Math Enrichment 1-2 or have not completed the entire Algebra 1 curriculum. For placement purposes, the student's RIT score is below 234.

APPLIED ALGEBRA 1-2 Year-Long Course: 2271-2272

Grades: 10-12

Prerequisite: Administrative placement only – student must meet placement criteria

Credit Type: Math

This course is for students who need an Algebra credit and were not successful in Algebra Block 1-2.

APPLIED GEOMETRY 1-2 Year-Long Course: 2341-2342

Grades: 10-12

Prerequisite: Administrative placement only – student must meet placement criteria

Credit Type: Math

This course is for students who have completed a year of Algebra or Algebra Block. Students in this course will be exposed to Geometry concepts, but have been identified as needing more support work to improve their deficiencies.

ALGEBRA 3-4 PREPARATON Year-Long Course: 2351-2352

Grades: 11-12

Prerequisite: Administrative placement only – student must meet placement criteria

Credit Type: Math

This course is for students who have completed a year of Algebra 1-2 or Algebra 1-2 Block and a year of Geometry 1-2 or Applied Geometry, but who have demonstrated they are not ready for the pace and rigor of Algebra 3-4. This course will explore more rigorous Algebra 1/2 concepts along with beginning concepts of Algebra 3-4 at a slower pace and with less depth.

COE ALGEBRA 1-2.....Year-Long Course: 2105-2106

Grades: 12

Prerequisite: Administrative placement only

Credit Type: Math

This course is assigned to seniors who have not passed an End of Course Exam in Algebra or Geometry. Students will prepare a portfolio of their work in math, which is referred to as a Collection of Evident (COE). Successful submission and evaluation of the COE will satisfy the Math EOC requirement. After submission of the COE in February, students will study Financial Math, which focuses on math skills used in everyday adult life.

FINANCIAL MATH 1-2 Year-Long Course: 2373-2374

Grades: 12

Prerequisite: Instructor approval required

Credit Type: Math or Elective

This course is for seniors needing a 3rd year math credit that better fits their predicted career path. This course focuses on strengthening mathematic math skills used in everyday adult life including personal finance, budgeting, taxation, retirement planning, lending and borrowing, and credit management.

CONSTRUCTION TECHNOLOGY 1-2 (*Technology Education Dept. Course*) Year-Long Course: 8243-8244

Grades: 9-12

Prerequisite: None

Credit Type: 0.5 credits Math or 1.0 credit Career & Technical Education or Elective

Students design, plan, and construct various projects. Safety and proper use of hand and machine tools are stressed. 9th grade students are encouraged to take this course in preparation for advanced technology courses. Each semester of this course may be taken more than once for additional credit and experience.

DRAFTING AND DESIGN 1-2 (*Technology Education Dept. Course*)..... Year-Long Course: 8233-8234

Grades: 9-12.

Prerequisite: None

Credit Type: 0.5 credits Math or 1.0 credit Career & Technical Education or Elective

Would you like to learn how to design in 3D? If you would like to see your ideas take shape, this course is for you. Through additional 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 course is perfect for those students who have an interest in construction, engineering, architecture, and problem-solving. In this course, students have the opportunity to earn 6 college credits through the CTE Dual Credit program.

STANDARD MATH COURSES (*These are college preparatory courses*)

ALGEBRA 1-2..... Year-Long Course: 2101-2102

Grades: 9-10

Prerequisite: Algebra readiness

Credit Type: Math

This is a first-year algebra course. This course is considered the first course in the college preparatory sequence. The students 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. For placement purposes, the student's MAP score is above 231 on the Algebra 6+ test or above 238 on the Algebra Growth test.

GEOMETRY 1-2 Year-Long Course: 2201-2202

Grades: 10-12

Prerequisite: Algebra 1 or equivalent

Credit Type: Math or Elective

This course is a study of geometric concepts for students who have successfully completed Algebra 1 or Honors Algebra 1. Solid, plane, and coordinate geometry is extensively covered. Success in this course is required in order for students to proceed on to Algebra 3-4.

ALGEBRA 3-4..... Year-Long Course: 2301-2302

Grades: 11-12

Prerequisite: Algebra 1 and Geometry or Algebra 3-4 Preparation

Credit Type: Math

This is a rigorous core curriculum course required for admission to four-year colleges/universities. Emphasis will be placed on polynomial, quadratics, logarithmic, exponential and trigonometric functions.

PRE-CALCULUS 1-2 Year-Long Course: 2471-2472

Grades: 11-12

Prerequisite: Algebra 1 & 2, Geometry, or Algebra 3-4, or equivalents

Credit Type: Math or Elective

This course is a Trigonometry course studying functions, statistics, and trigonometry. It is a prerequisite for Calculus.

IB MATH STUDIES 1-2 Year-Long Course: 2441-2442

Grades: 11-12

Prerequisite: Algebra 3-4 – Instructor approval required

Credit Type: Math

This course caters to strengthening students' foundation in Math. The course covers and reviews topics from Algebra 1 through Pre-Calculus. Mathematical concepts studied include numbers and algebra, logic and probability, functions, geometry and trigonometry, statistics, and financial mathematics. This course is available only as a standard-level (SL) IB course. IB Math Studies is more appropriate for students who are planning to study the humanities, social sciences, languages, or the arts in their post-secondary education. It is not strongly recommended for students planning post-secondary studies in the sciences, mathematics, engineering, business, finance, economics, or other disciplines requiring robust mathematical experiences.

TECHNICAL MATH FOR THE TRADES Year-Long Course: 8241-8242

Grades: 11-12

Prerequisite: Successful completion of Algebra 1 and 2 (or teacher permission)

Credit Type: 1.0 math (3rd year math option)

This course is an integrated approach for learning mathematical concepts including Number and Quantity, Algebra, Functions, Modeling, Geometry, and Probability and Statistics. Students will apply practical math through a variety of construction related applications typical of carpenters, electricians, sheet metal workers, masons, HVAC technicians and plumbers. Students will apply mathematical theories through hands-on applications to build and construct projects.

ADVANCED MATH COURSES (These are college preparatory courses)

HONORS ALGEBRA 1-2 Year-Long Course: 2121-2122

Grades: 9

Prerequisite: Instructor approval required

Credit Type: Math

This course is designed for the student who has a strong interest and motivation for mathematics. It is a rigorous course that covers the same topics as Algebra 1-2, but at a greater depth and with more complexity. For placement purposes, the student's MAP score is 248 or higher.

HONORS GEOMETRY 1-2 Year-Long Course: 2221-2222

Grades: 9-10

Prerequisite: Honors Algebra 1-2 or equivalent – Instructor approval required

Credit Type: Math

This course is an in-depth study of geometric Concepts for students who have a strong interest and motivation to do mathematics. Solid, plane, and coordinate geometry is studied in-depth.

HONORS ALGEBRA 3-4 Year-Long Course: 2321-2322

Grades: 9-11

Prerequisite: Honors Algebra 1-2 and Honors Geometry 1-2 – Instructor approval required

Credit Type: Math

This course is highly rigorous course that covers the same topics as Algebra 3-4, but a greater depth and with more complexity. It is considered a Pre-IB course.

IB MATH SL/PRE-CALCULUS 1-2 Year-Long Course: 2461-2462

Grades: 10-12

Prerequisite: Honors Algebra 1-2, Honors Geometry 1-2, and Honors Algebra 3-4 – Instructor approval required

Credit Type: Math

This is a very rigorous Pre-Calculus course studying functions, statistics, and trigonometry. It is a prerequisite for Calculus 1-2. The projects for Standard-Level IB Math Methods are completed in this course.

IB MATH SL/CALCULUS 1-2 Year-Long Course: 2411-2412

Grades: 11-12

Prerequisite: Pre-Calculus or equivalent

Credit Type: Math or Elective

This is an advanced course examining the calculus of functions of one variable.

IB MATH SL/CALCULUS 3-4 Year-Long Course: 2435-2436

Grades: 12

Prerequisite: Pre-Calculus or equivalent

Credit Type: Math or Elective

This course expands on the material covered in calculus 1-2 and then explores further topics including sequences, series, convergence, and Taylor Polynomial.

MILITARY SCIENCE -- UNITED STATES AIR FORCE JUNIOR ROTC COURSES

JROTC is a hands-on leadership laboratory to build confidence, discipline and team work through three days of academics, one day of marching and one day of fitness each week. It is recommended students complete JROTC 1-2 first. Transportation is available for Kamiakin and Southridge students to take one hour of JROTC at Kennewick High School and the rest of their classes at their home school. Students are required to wear their uniform one day per week. There is no obligation to join the military. Students who take 2 years of JROTC will receive a promotion if they enlist in the military.

USAF JROTC 1-2 A Journey into Aviation History/Leadership & FitnessYear-Long Course: 7911-7912

Grade Level: 9 - 12

Credit Type: Career & Technical Education 1.0, or Social Studies .5 and Fitness .5 (must complete full year to receive SS & Fitness credits)

Pre-requisite: None

Aviation History academics are two days per week beginning with ground-breaking explorers of early attempts to fly. Next is a detailed look at the Wright Brothers' first flight with a focus on the principles of flight, basic aeronautics, aircraft motion and controlled, powered flight. Readings, videos, hands-on activities, and exercises reinforce material. Next, a look at aviation achievements in the two world wars is followed by the development of commercial aviation. The class goes through Vietnam, Desert Storm and into modern aviation. Leadership academics instill elements of good citizenship with real discussions on healthy living and an introduction to military tradition. Fitness is a mix of competitions and games to promote great mental and physical health.

USAF JROTC 3-4 Exploring Space/Leadership & FitnessYear-Long Course: 7913-7914

Grade Level: 9 - 12

Credit Type: Career & Technical Education 1.0, or Science .5 and Fitness .5 (must complete full year to receive Science & Fitness credits)

Pre-requisite: JROTC 1-2 Recommended

Exploring Space has academics for two days per week with the study of the space environment. There is an emphasis on the discoveries of early astronomers and their extraordinary ability to shape our understanding of the universe and our place in it. It explores issues critical to travel in the upper atmosphere such as orbits and trajectories unmanned satellites, and space probes and the exceptional challenges man has overcome to achieve space travel. It also examines the cutting-edge advances in space technology, including robotics in space, the Mars Rover, and commercial uses of space. Leadership academics are one day per week and focus on communication and team building. Fitness is a mix of competitions and games with an increasing focus on team building and individual excellence.

USAF JROTC 5-6 Science of Flight/Leadership & FitnessYear-Long Course: 7915-7916

Grade Level: 9-12

Credit Type: Career & Technical Education 1.0, or Science .5 and Fitness .5 (must complete full year to receive Science & Fitness credits)

Pre-requisite: JROTC 1-2 Recommended

Science of Flight explores the physics of flight, human requirements for flying, and principals of navigation. Students will analyze and discuss: weather, sources of control and power on an airplane, map reading, effect of wind and how atmospheric conditions affect the body. Students will also prepare for life after high school with activities on charting financial courses, career opportunities, aiming towards a college degree, developing a personal career plan, how to apply for jobs, working for the federal government and personal career skills. Fitness is a mix of competitions and games with a focus on reaching high personal goals.

USAF JROTC 7-8 Global Awareness/Leadership & Fitness.....Year-Long Course: 7917-7918

Grade Level: 9 - 12

Credit Type: Career & Technical Education 1.0, or Government .5 and Fitness .5 (must complete full year to receive Gov't. & Fitness credits)

Pre-requisite: JROTC 1-2 Recommended

Global Awareness is a multi-disciplinary course that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs. The lessons include excellent videos to provide a window into life and issues within the regions, followed by a variety of hands-on activities created to engage the student. Students will learn about local, national and international governments and how they affect US interests. Leadership academics focus on management of large organizations. Fitness is a mix of competitions and games with an emphasis on developing life-long fitness habits.

MISCELLANEOUS COURSES

IB THEORY OF KNOWLEDGE (TOK) 1-2..... Year-Long Course: 9107-9108

Grades: 11-12

Prerequisite: Honors and/or IB coursework

Credit Type: Elective

Successful completion of both semesters of this course satisfies the Culminating Project graduation requirement. This course is mandatory for all "full IB candidates"; it is also recommended for any serious college-bound student whether taking IB courses or not. This course only meets before school during 0-Period (6:45 a.m.–7:39 a.m.). TOK is a study of *how we know what we claim to know*. It is an epistemology course, which means we study the nature and origin of knowledge. This course helps students to identify assumptions and critically and systematically challenge them. The first semester requires the completion of the 4000 word Extended Essay, which fulfills both an IB requirement and the Culminating Project graduation requirement. The second semester requires completion of the TOK Essay and the Oral Presentation. It is recommended that sophomores who plan to take this course during their junior year of high school begin reading material for their extended essay over the summer so they can begin the course in September ready to write. Students are strongly advised to check with the IB Coordinator or the IB TOK instructor before the end of their sophomore year to find out what topics and subjects are allowed for the extended essay by the International Baccalaureate program.

LEARNING CENTER COURSE 1-2	One-Semester Course: 9441-9442
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> Administrative placement only – student must meet placement criteria	
<u>Credit Type:</u> Specific to courses taken	
This course is used as a holding course that is used to identify students enrolled in one or more Apex Learning™ courses. Course titles and numbers specific to Apex Learning™ courses will be added to the student’s academic records as appropriate.	
OFF-CAMPUS RELEASE	Year-Long Course: 9139-9140
<u>Grades:</u> 9-12	
<u>Prerequisite:</u> Parental permission	
<u>Credit Type:</u> High school credit is not available in this course.	
This course allows students to participate in non-school activities during a scheduled period of time within the regular school day.	
OPEN PERIOD	One-Semester Course: 9160
<u>Grades:</u> 12	
<u>Prerequisite:</u> Principal permission only	
<u>Credit Type:</u> High school credit is not available in this course.	
Parents of seniors wishing to have an open period must make an appointment to meet with their grade level assistant principal for approval.	
RUNNING START	Year-Long Course: 9451-9452
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> Meet or exceed minimal COMPASS test score which is used to determine qualifications for college-level math and/or reading and writing courses	
<u>Credit Type:</u> High school credit is not available in this course.	
This course number is a holding number used to identify students enrolling in Running Start courses and used to block out specific periods in which Running Start students will be attending courses at CBC instead of at Kennewick High School.	
STUDENT LEADERSHIP ASB 1-2.....	Year-Long Course: 9157-9158
<u>Grades:</u> 9-12 (Students may repeat course)	
<u>Prerequisite:</u> Instructor approval is required for enrollment in this course	
<u>Credit Type:</u> Elective	
First year (grades 9-12): This course is curriculum based that will teach and train students how to be leaders in the school and community. It will focus on servant leadership and character building through classroom exercises and discussions. Class will lend support when/where needed for projects, activities, and events. Attendance and participation in numerous activities outside of class time may be required.	
Second year and beyond (grades 10-12): This is a project based course. Students will learn and practice skills in project planning, communication, and time management. Will focus on preparing/planning various school events and activities. Participation and attendance in numerous activities outside of class time will be required. Students must pass the first year of STUDENT LEADERSHIP or have special permission from instructor to enroll.	
OFFICE ASSISTANT 1-2.....	One-Semester Course: 9101-9102
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> Administrator approval required	
<u>Credit Type:</u> Elective	
Office Assistants will be assigned, as space permits, based upon teacher/staff recommendation/permission. Only students in good standing will be eligible. Grades in this course are issued as an S/U basis. Participation in this course may negate a student’s opportunity to apply for any waiver of graduation requirements.	
YEARBOOK 1-2.....	Year-Long Course: 9105-9106
<u>Grades:</u> 10-12	
<u>Prerequisite:</u> Instructor approval required	
<u>Credit Type:</u> Elective	
Students plan and produce Kennewick High School’s yearbook. Grading is based on attitude, quality of work, meeting deadlines, working extra time when needed, and cooperation with staff members.	

PHYSICAL EDUCATION

ADAPTIVE PE 1-2 (Special Education Dept. course)	Year-Long Course: 6331-6332
<u>Grades:</u> 9-12	
<u>Prerequisite:</u> Administrative placement only – student must meet IEP placement criteria	
<u>Credit Type:</u> Physical Education or Elective	
This course provides a successful learning environment for special needs students through a variety of fitness-related activities.	
ADAPTIVE PE COACH 1-2.....	One-Semester Course: 6341
<u>Grades:</u> 10-12	
<u>Prerequisite:</u> Teacher Approval	
<u>Credit Type:</u> Physical Education or Elective	
Students work closely with the Adaptive PE instructor, the Adaptive PE students, and the Para-Educators to individualize instruction and activity supervision to facilitate positive learning experiences for special needs students. The adaptation of fitness-related games and activities to individual student needs is a major focus of the course. Grades in this course are issued on an S/U basis.	

AEROBIC FITNESSOne-Semester Course: 6241
Grades: 9-12
Prerequisite: None
Credit Type: Physical Education or Elective
This is an introduction to aerobic fitness and cross-training principles. The participant will a variety of cardio and strength workouts to improve fitness levels and body composition. Fitness activities include the fitness lab cardio and strength machines, step aerobics, fitness ball and dumbbell workouts, walking, jogging, and yoga. Nutrition and how it affects one's health is also covered.

CROSS TRAININGOne-Semester Course: 6103-6104
Grades: 9-12
Prerequisite: None
Credit Type: Physical Education or Elective
Students in our cross-training class will get the opportunity to participate in areas of injury prevention exercises and improving one's metabolic rate, which helps burns calories throughout the day. Injury prevention work will be in the areas of fascia release, prehab work on shoulders & hips, flexibility training in the form of yoga, and finally, core stabilization. Metabolic conditioning will following the HIIT principles: High Intensity Interval Training.

FOOD AND FITNESS (Family & Consumer Science Dept. course)One-Semester Course: 8200
Grades: 10-12
Credit Type: Career & Technical Education or Physical Education or Elective
Learn how nutritious foods and exercise can help maintain a healthy body weight and become part of a healthful lifestyle. Course time is divided between food and fitness labs. The fitness lab provides opportunities for vigorous aerobic and strength exercises. In the food lab, you learn how to eat healthy and prepare delicious low-calorie foods.

USAF JROTC 1-2 A Journey into Aviation History/Leadership & FitnessYear-Long Course: 7911-7912
Grade Level: 9 - 12
Credit Type: Career & Technical Education 1.0, or Social Studies .5 and Fitness .5 (must complete full year to receive SS & Fitness credits)
Pre-requisite: None
Aviation History academics are two days per week beginning with ground-breaking explorers of early attempts to fly. Next is a detailed look at the Wright Brothers' first flight with a focus on the principles of flight, basic aeronautics, aircraft motion and controlled, powered flight. Readings, videos, hands-on activities, and exercises reinforce material. Next, a look at aviation achievements in the two world wars is followed by the development of commercial aviation. The class goes through Vietnam, Desert Storm and into modern aviation. Leadership academics instill elements of good citizenship with real discussions on healthy living and an introduction to military tradition. Fitness is a mix of competitions and games to promote great mental and physical health.

USAF JROTC 3-4 Exploring Space/Leadership & FitnessYear-Long Course: 7913-7914
Grade Level: 9 - 12
Credit Type: Career & Technical Education 1.0, or Science .5 and Fitness .5 (must complete full year to receive Science & Fitness credits)
Pre-requisite: JROTC 1-2 Recommended
Exploring Space has academics for two days per week with the study of the space environment. There is an emphasis on the discoveries of early astronomers and their extraordinary ability to shape our understanding of the universe and our place in it. It explores issues critical to travel in the upper atmosphere such as orbits and trajectories unmanned satellites, and space probes and the exceptional challenges man has overcome to achieve space travel. It also examines the cutting-edge advances in space technology, including robotics in space, the Mars Rover, and commercial uses of space. Leadership academics are one day per week and focus on communication and team building. Fitness is a mix of competitions and games with an increasing focus on team building and individual excellence.

USAF JROTC 5-6 Science of Flight/Leadership & FitnessYear-Long Course: 7915-7916
Grade Level: 9-12
Credit Type: Career & Technical Education 1.0, or Science .5 and Fitness .5 (must complete full year to receive Science & Fitness credits)
Pre-requisite: JROTC 1-2 Recommended
Science of Flight explores the physics of flight, human requirements for flying, and principals of navigation. Students will analyze and discuss: weather, sources of control and power on an airplane, map reading, effect of wind and how atmospheric conditions affect the body. Students will also prepare for life after high school with activities on charting financial courses, career opportunities, aiming towards a college degree, developing a personal career plan, how to apply for jobs, working for the federal government and personal career skills. Fitness is a mix of competitions and games with a focus on reaching high personal goals.

USAF JROTC 7-8 Global Awareness/Leadership & Fitness.....Year-Long Course: 7917-7918
Grade Level: 9 - 12
Credit Type: Career & Technical Education 1.0, or Government .5 and Fitness .5 (must complete full year to receive Gov't. & Fitness credits)
Pre-requisite: JROTC 1-2 Recommended
Global Awareness is a multi-disciplinary course that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs. The lessons include excellent videos to provide a window into life and issues within the regions, followed by a variety of hands-on activities created to engage the student. Students will learn about local, national and international governments and how they affect US interests. Leadership academics focus on management of large organizations. Fitness is a mix of competitions and games with an emphasis on developing life-long fitness habits.

LIFETIME WELLNESS (BOWLING)One-Semester Course: 6261
Grades: 10-12
Prerequisite: Personal Fitness
Credit Type: Physical Education or Elective
This course is designed to introduce students to life-long wellness activities such as bowling, ping pong, volleyball, and various outdoor activities. A bowling fee is required.

PERSONAL FITNESS.....One-Semester Course: 6111

Grades: 9-12

Prerequisite: None

Credit Type: Physical Education or Elective

It is strongly recommended that this course and Health (#8199) be taken in the same school year because of the complimentary nature of these courses to each other. This course is designed to give students the opportunity to improve their level of fitness by participating in cardiorespiratory, strength, and flexibility workouts and team sports. Students have the benefit of utilizing a variety of facilities; including the fitness lab, gyms, play fields, and tennis courts. The health-related components of fitness will be studied while participating in Five for Life activities. An emphasis will also be placed on acquiring positive life-long wellness habits. Students in this course will participate in the state required classroom-based assessment process. Due to the foundational structure of this course, it must be successfully completed before any other Physical Education course may be taken.

POWER WALKING..... One or Two Semester Course: 6271-6272

Grades: 9-12

Prerequisite: None

Credit Type: Physical Education or Elective

This course is designed for the student who wants to maintain a moderate level of activity. The class is structured to promote brisk walking as an ideal form of cardiorespiratory and stress-reducing exercise. The emphasis will be on proper walking technique, gait efficiency, and caloric expenditure. Some endurance weight training is included in the curriculum. May be repeated for credit.

RACQUET & TEAM SPORTSOne-Semester Course: 6231

Grades: 10-12

Prerequisite: Personal Fitness

Credit Type: Physical Education or Elective

This course focuses on highly intense, competitive activities. There will be opportunities to play a variety of team and racquet sports (volleyball, ping pong, floor hockey, tennis, badminton, etc.). The class will include fitness activities such as core strength and running.

SPORTS MEDICINE 1-2..... Year-Long Course: 8201-8202

Grades: 10-12

Prerequisite: Personal Fitness

Credit Type: Career & Technical Education or Physical Education or Elective

This course is designed to broaden the knowledge and experiences of students in the field of Sports Medicine. Students will combine course work with 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. College credit may be available to eligible students.

SPORTS MEDICINE 3-4Year-Long Course: 8203-8204

Grades: 11-12

Prerequisite: Sports Medicine 1-2

Credit Type: 1.0 Career & Technical Education or 0.5 Physical Education/0.5 Health or 1.0 Elective

This course builds upon the competencies introduced in Sports Medicine 1-2. This course 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.

WEIGHT TRAININGOne-Semester Course: 6141

Grades: 10-12

Prerequisite: Weights and Personal Fitness or Instructor Approval

Credit Type: Physical Education or Elective

A section of this course meets before school during 0 Period (6:35 a.m. to 7:30 a.m.). It is designed for the highly motivated student who wants to increase his/her physical performance; i.e., strength, flexibility, agility, balance, speed, and cardiovascular endurance. The student will also gain an understanding of human anatomy and exercise physiology. The student will actively participate in a wide variety of training regimens, including weight training, agility, running and foot drills, sprints, and distance running. Weekly discussions about nutrition, supplements, and exercise science will occur. This course is a structured group program, rather than an individualized program. May be repeated for credit.

0 HOUR WEIGHT TRAININGOne-Semester Course: 9970

Grades: 10-12

Prerequisite: Weights and Personal Fitness or Instructor Approval

Credit Type: Physical Education or Elective

A section of this course meets before school during 0 Period (6:40 a.m. to 7:40 a.m.). SEE COURSE DESCRIPTION FOR WEIGHT TRAINING ABOVE.

WEIGHTS AND PERSONAL FITNESS.....One-Semester Course: 6121

Grades: 9-10

Prerequisite: None

Credit Type: Physical Education

The objective of this entry level course is to educate students in the skills of basic strength training, aerobic and anaerobic conditioning, plyometric training, speed/agility training, and safety/spotting techniques. KSD 5 For Life concepts will also be taught and tested during the semester.

SCIENCE

AGRICULTURAL SCIENCE 1-2 Year-Long Course: 8101-8102

Grades: 9-11

Prerequisite: None

Credit Type: Career & Technical Education or Science Lab or Elective

This course is not about “cows and plows.” This fun and exciting course covers environmental science, biology, animal science, chemistry, genetics, food science, and leadership, allowing students to obtain a lab-science credit primarily through hands-on activities. This course can enhance student preparation for the state assessment.

ANATOMY AND PHYSIOLOGY Year-Long Course: 4341-4342

Grades: 11-12

Prerequisite: Two years of lab science

Credit Type: Science Elective

Anatomy and Physiology is the science of the structure and function of the human body. Students will acquire an appreciation and understanding of the how structures and functions are related in major human body systems. They will engage in lab work, hands-on activities, research projects, and presentations with emphasis on the development of critical thinking and science inquiry skills. The course is intended for students who want to take an elective science course in preparation for a career interest in a health related field.

ASTRONOMY & PLANETARY SCIENCE Year-Long Course: 4463-4464

Grades: 11-12

Prerequisite: Two years of high school science

Credit Type: Science Lab or Elective

This year long course is designed to investigate the universe; including galaxies, stars, planets, moons; as well as space events, such as supernovae and the Big Bang. Beginning physics principles such as gravity, inertia, and forces will be introduced and used to explain the workings of the universe, and the effects we observe from Earth. Course prepares students for the Earth &Space portion of WCAS test.

BIOLOGY 1-2 Year-Long Course: 4101-4102

Grades: 10-12

Prerequisite: None

Credit Type: Science Lab or Elective

The major themes of biology and the life sciences including learning about living things from a cellular and molecular level. This means we will covered topics including the building blocks of living things, how living things obtain energy for life, genetics, evolution, and ecology.

CHEMISTRY 1-2 Year-Long Course: 4201-4202

Grades: 10-12

Prerequisite: Minimum Sophomore standing & grade of “C” or better in Algebra 1-2. Recommended: Biology 1-2 w/grade of “C” or better

Credit Type: Science Lab or Elective

The course integrates the study of chemistry with physical science through the inquiry process. It is highly recommended for those students interested in medicine, engineering, or other science-related career. It is a college-preparatory course.

FAST-TRACK BIOLOGY 1-2 Year-Long Course: 4151-4152

Grades: 9-12

Prerequisite: Administrative placement only – student must meet ELL placement criteria

Credit Type: Science Lab or Elective

This course is limited to students with limited English-language proficiency.

It is designed to meet the needs of students whose primary language is not English and who have been identified as being in the Beginning, Advanced Beginning, or Intermediate level of English proficiency. The course provides students with hands-on experiences designed to acquaint the student with major biological and life science themes.

FAST-TRACK PHYSICAL SCIENCE 1-2 Year-Long Course: 4133-4134

Grades: 9-12

Prerequisite: Administrative placement only – student must meet ELL placement criteria

Credit Type: Science Lab or Elective

This course is limited to students with limited English-language proficiency.

It is designed to meet the needs of students whose primary language is not English and who have been identified as being in the Beginning, Advanced Beginning, or Intermediate level of English proficiency. The course provides students with hands-on experiences designed to acquaint the student with major physical science themes.

FOOD SCIENCE 1-2 (Family & Consumer Science Dept. Course) Year-Long Course: 8185-8186

Grades: 11-12

Prerequisite: None

Credit Type: Career & Technical Education or Science Additional or Elective

Have you ever wondered what the shelf life of a Twinkie is? In this course students will learn about the producing, processing, preparation, evaluation/analysis, 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!

HORTICULTURE SCIENCE 1-2.....	Year-Long Course: 8111-8112
<u>Grades:</u> 9-12	
<u>Prerequisite:</u> None	
<u>Credit Type:</u> Career & Technical Education or Science Additional or Elective	
This is a basic course in greenhouse plants, landscaping, floral design, plant sales, agricultural sales, and leadership. Students will also prepare for and participate in the school's flower shop and plant sales. If you enjoy hands-on and creative learning experiences, this is the course for you. Students who meet the requirements may earn college credit through the CTE Dual Credit program.	
HORTICULTURE SCIENCE 3-4.....	Year-Long Course: 8113-8114
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> Horticulture Science 1-2 or Instructor approval required	
<u>Credit Type:</u> Career & Technical Education or Science Additional or Elective	
Successful completion of both semesters of this course satisfies the Culminating Project graduation requirement. Students learn how to operate the school's flower shop in sales and making floral arrangements. Students organize and manage other students in sales activities. This course also focuses on greenhouse operation and plant production.	
INTEGRATED SCIENCE 1-2.....	Semester–OR–Year-Long Course: 4121-4122
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> Must have taken a full year of Biology 1-2 but did not meet the state standard for science (Biology End of Course Exam).	
<u>Credit Type:</u> Science Lab or Elective	
This course will provide direct instruction in biology and other science concepts that will allow students to successfully prepare for the state science exam. Students in this course will also be given adequate time and support to complete a Science Collection of Evidence. Seniors may choose to take course for a full year if they are not prepared to submit their Collection of Evidence by the winter submission deadline.	
IB BIOLOGY 1-2.....	Year-Long Course: 4321-4322
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> Successful completion of Biology 1-2	
<u>Credit Type:</u> Science Lab or Elective	
A course designed for college-bound students. Course material will include in-depth study of cell biology, ecology, biochemistry, genetics, and human physiology with sample labs. The Standard level IB exam may be taken at end of the junior year. Students are strongly encouraged to buy their own textbook.	
IB BIOLOGY 3-4.....	Year-Long Course: 4401-4402
<u>Grades:</u> 12	
<u>Prerequisite:</u> IB Biology 1-2	
<u>Credit Type:</u> Science Lab or Elective	
This is a course designed for college-bound students. The course utilizes in-depth biological studies in embryology, diversity of life, comparative physiology & ecology with sample labs. The Higher-level IB exam may be taken at end of the senior year. Students are strongly encouraged to buy their own textbook.	
IB CHEMISTRY 1-2.....	Year-Long Course: 4331-4332
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> Chemistry 1-2 with a grade of "B" or better or Honors Chemistry 1-2 with grade of "C" or better	
<u>Credit Type:</u> Science Lab or Elective	
This course is designed for students who have had one year of chemistry. Course materials will include an in-depth study of atomic structure, periodicity, thermodynamics, equilibrium, acid-base chemistry and many more topics. Most students will elect to take the AP chemistry exam or the IB chemistry standard level exam.	
IB CHEMISTRY 3-4.....	Year-Long Course: 4411-4412
<u>Grades:</u> 12	
<u>Prerequisite:</u> Chemistry 1-2 with a grade of "B" or better and IB Chemistry 1-2 with grade of "C" or better	
<u>Credit Type:</u> Science Lab or Elective	
This is designed for students who have completed two years of chemistry. Heavy emphasis will be on laboratory work and meeting the requirements for the IB higher-level syllabi.	
IB ENVIRONMENTAL SYSTEMS AND SOCIETIES.....	Year-Long Course: 4191-4192
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> Successful completion of Biology and Chemistry courses	
<u>Credit Type:</u> Science Lab or Elective	
The prime intent of this course is to provide students with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face. This course will encourage the exploration of the scientific, ethical, and socio-political aspects of these issues. IB Environmental Systems and Societies is only offered at standard level (SL) and requires 120 hours of instructional time, including 30 hours of hands on laboratory and field work investigation.	
IB PHYSICS 1-2.....	Year-Long Course: 4311-4312
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> Trigonometry 1-2	
<u>Credit Type:</u> Science Lab or Elective	
This course prepares the student to take the standard level IB Physics examination. Physics concepts are taught with a mathematical emphasis.	

IB SPORTS, EXERCISE AND HEALTH SCIENCE	Year-Long Course: TBD
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> Successful completion of Biology and Chemistry courses	
<u>Credit Type:</u> Science Lab or Elective	
IB Sports, Exercise and Health Science is a standard level IB course that analyzes the intersection of human biology and sports/exercise and performance by investigating the effect of physical activity on the body, patterns of movement, metabolism and nutrition. Various training methods are considered and analyzed for their sports-specific goals.	
USAF JROTC 3-4 Exploring Space/Leadership & Fitness	Year-Long Course: 7913-7914
<u>Grade Level:</u> 9 - 12	
<u>Credit Type:</u> Career & Technical Education 1.0, or Science .5 and Fitness .5 (must complete full year to receive Science & Fitness credits)	
<u>Pre-requisite:</u> JROTC 1-2 Recommended	
Exploring Space has academics for two days per week with the study of the space environment. There is an emphasis on the discoveries of early astronomers and their extraordinary ability to shape our understanding of the universe and our place in it. It explores issues critical to travel in the upper atmosphere such as orbits and trajectories unmanned satellites, and space probes and the exceptional challenges man has overcome to achieve space travel. It also examines the cutting-edge advances in space technology, including robotics in space, the Mars Rover, and commercial uses of space. Leadership academics are one day per week and focus on communication and team building. Fitness is a mix of competitions and games with an increasing focus on team building and individual excellence.	
USAF JROTC 5-6 Science of Flight/Leadership & Fitness	Year-Long Course: 7915-7916
<u>Grade Level:</u> 9-12	
<u>Credit Type:</u> Career & Technical Education 1.0, or Science .5 and Fitness .5 (must complete full year to receive Science & Fitness credits)	
<u>Pre-requisite:</u> JROTC 1-2 Recommended	
Science of Flight explores the physics of flight, human requirements for flying, and principals of navigation. Students will analyze and discuss: weather, sources of control and power on an airplane, map reading, effect of wind and how atmospheric conditions affect the body. Students will also prepare for life after high school with activities on charting financial courses, career opportunities, aiming towards a college degree, developing a personal career plan, how to apply for jobs, working for the federal government and personal career skills. Fitness is a mix of competitions and games with a focus on reaching high personal goals.	
MARINE BIOLOGY 1-2	Year-Long Course: 4471-4472
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> Successful completion Biology 1-2.	
<u>Credit Type:</u> Science Lab or Elective	
The physical aspects of the ocean and the life in it are studied. Included is the study of waves, currents, prevailing winds and weather, ocean bottom features, plate tectonics, salinity, and temperature variations, as well as oceanic life from the smallest algae to the largest marine mammals. The ecology of the ocean and human impact is incorporated into these studies.	
MATERIAL SCIENCE 1-2 (Technology Education Dept. Course)	Year-Long Course: 8223-8224
<u>Grades:</u> 9-12	
<u>Prerequisite:</u> None	
<u>Credit Type:</u> Career & Technical Education or Science Lab or Elective	
This course looks at the materials around us. Students will make glass, metal alloys and work with plastics. Students will conduct research, explore, and create projects in a variety of materials. This is an exciting and fun course where students learn by doing!	
PHYSICAL SCIENCE 1-2	Year-Long Course: 4131-4132
<u>Grades:</u> 9-11	
<u>Prerequisite:</u> None	
<u>Credit Type:</u> Science Lab or Elective	
This course is an introductory science course that includes a survey of motion, forces, energy, and introductory astronomy. Also included in the course is a survey of earth's makeup and processes. Knowledge is applied to real world situations and how science affects our daily lives.	
PHYSICS 1-2	Year-Long Course: 4251-4252
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> Algebra 1-2 & Algebra 3-4	
<u>Credit Type:</u> Science Lab or Elective	
This course is for students who desire a complete science experience. It is highly recommended for students interested in careers in engineering and/or science.	
PLANT SCIENCE 1-2	Year-Long Course: 8091-8092
<u>Grades:</u> 9-12	
<u>Prerequisite:</u> None	
<u>Credit Type:</u> Career & Technical Education or Science Lab or Elective	
Plant Science is a general course that focuses on the scientific principles that underlie the breeding, cultivation, and production of agricultural plants. Students will also learn about the production, processing, and distribution of agricultural plant products. Instruction in the plant sciences includes crop cultivation, agricultural production, and the processing of agricultural and food products. Participants in the SAE (Supervised Agricultural Experience) will conduct exploratory projects with the purpose of learning about and improving practices in their surroundings.	

HONORS BIOLOGY 1-2..... Year-Long Course: 4111-4112

Grades: 9-10

Prerequisite: None

Credit Type: Science Lab or Elective

This course is designed for college-bound students. This is a challenging first-year course that examines biology's major themes, including ecology, genetics, biochemistry, evolution, cell biology, and taxonomy. Critical thinking and analysis skills are a major focus.

HONORS CHEMISTRY 1-2 Year-Long Course: 4221-4222

Grades: 10-11

Prerequisite: Grade of "B" or better in Algebra 1-2 - Instructor approval required.

Credit Type: Science Lab or Elective

This is an accelerated first-year chemistry course. Recommended for the motivated student who is college bound.

PRINCIPLES OF TECHNOLOGY 1-2 (*Technology Education Dept. Course*)..... Year-Long Course: 8225-8226

Grades: 10-12

Prerequisite: None

Credit Type: Career & Technical Education or Science Lab or Elective

This course relates basic physical science and applied physics to the technological world. Students will participate in hands-on labs and projects to learn the concepts of physical science and physics. Topics of this course included power, energy, rate, work, and force.

SOCIAL STUDIES

CONTEMPORARY WORLD PROBLEMS (CWP)One-Semester Only: 3402

Grades: 12

Prerequisite: US History 1-2

Credit Type: Social Studies CWP or Elective

A section of this course meets before school during 0 Period (6:35 a.m. to 7:30 a.m.) This course examines current issues. Units of study give students a historical, geographic, political, economic and religious perspective on the events and problems of today. This course also fulfills state classroom based assessment requirements (CBA).

FAST-TRACK WORLD STUDIES 1-2Year-Long Course: 3211-3212

Grades: 9-12

Prerequisite: Administrative placement only – student must meet ELL placement criteria

Credit Type: Social Studies Additional or Elective

This course is designed for students with limited English language proficiency. It is designed to meet the needs of students whose first language is other than English and who have been identified as being in the Beginning, Advanced Beginning, or Intermediate level of English proficiency. With an emphasis on the development of social studies skills, students will investigate the world from historical, geographical, economic, and political perspectives. The themes of geography, location, place, human-environment interaction, movement, global perspective, and regions serve as a framework for the course of study.

FAST-TRACK WASHINGTON STATE HISTORYOne Semester Course: 3114

FAST-TRACK WORLD GEOGRAPHYOne Semester Course: 3213

Grades: 9-12

Prerequisite: Administrative placement only – student must meet ELL placement criteria

Credit Type: Social Studies Additional or Elective

Washington State History: Physical, historical, political, and economic comparisons are made between Washington State and major geographical regions of the world.

World Geography: This course is designed for students with limited English language proficiency. It is designed to meet the needs of students whose first language is other than English and who have been identified as being in the Beginning, Advanced Beginning, or Intermediate level of English proficiency. With an emphasis on the development of social studies skills, students will investigate the world from historical, geographical, economic, and political perspectives. The themes of geography, location, place, human-environment interaction, movement, global perspective, and regions serve as a framework for the course of study.

GOVERNMENTOne-Semester Only: 3401

Grades: 12 - Graduation requirement

Prerequisite: US History 1-2

Credit Type: Social Studies Government or Elective

A section of this course meets before school during 0 Period (6:35 a.m. to 7:30 a.m.). This course is offered in both the Fall and Spring semesters. Students explore the federal political system of the United States. Areas of study include the U.S. Constitution, the political process, political parties and the separate functions of the executive, legislative and judicial branches of government.

IB 20TH CENTURY WORLD HISTORY 1-2 Year-Long Course: 3421-3422

Grades: 12

Prerequisite: Grade of "C" or better in IB History of the Americas or Instructor approval

Credit Type: Social Studies Government and Social Studies CWP (if BOTH semesters are completed successfully) or Elective

This course is the senior sequel to IB History of the Americas. Students enrolled in this course must take the IB higher-level "History of the Americas" exam, and arrange for the payment of fees associated with the exam. In depth study of WWI, rise and rule of Hitler, the Arab-Israeli Conflict 1945-1979, the Cold War, Mexican Revolution, and Fidel Castro's takeover will take place.

IB HISTORY OF THE AMERICAS 1-2.....	Year-Long Course: 3321-3322
<u>Grades:</u> 11	
<u>Prerequisite:</u> Pre-IB World History 1-2 or Instructor approval required – Concurrent enrollment in IB Literature or IB Language and Literature	
<u>Credit Type:</u> Social Studies US History or Elective	
The course prepares students for national and international exams that may earn college credit.	
USAF JROTC 1-2 A Journey into Aviation History/Leadership & Fitness	Year-Long Course: 7911-7912
<u>Grade Level:</u> 9 - 12	
<u>Credit Type:</u> Career & Technical Education 1.0, or Social Studies .5 and Fitness .5 (must complete full year to receive SS & Fitness credits)	
<u>Pre-requisite:</u> None	
Aviation History is a hands-on leadership lab to build confidence, discipline and teamwork through academics, marching and fitness. Study groundbreaking explorers of early attempts to fly. A detailed look at the Wright Brothers' first flight focuses on the principles of flight, basic aeronautics, aircraft motion and controlled powered flight. This course introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC) and provides a basis for progression through the rest of the program while instilling elements of good citizenship.	
USAF JROTC 5-6 Science of Flight/Leadership & Fitness	Year-Long Course: 7915-7916
<u>Grade Level:</u> 9-12	
<u>Credit Type:</u> Career & Technical Education 1.0, or Social Studies .5 and Fitness .5 (must complete full year to receive SS & Fitness credits)	
<u>Pre-requisite:</u> JROTC 1-2 Recommended	
The Science of Flight explores the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation. Students will analyze and discuss the atmosphere and weather and how they affect flight; the forces of lift, drag, thrust and weight; basic navigation including map reading, navigation aids, course plotting, and the effects of wind; the elements of flight and how atmospheric conditions affect the human body.	
USAF JROTC 7-8 Global Awareness/Leadership & Fitness.....	Year-Long Course: 7917-7918
<u>Grade Level:</u> 9 - 12	
<u>Credit Type:</u> Career & Technical Education 1.0, or Government .5 and Fitness .5 (must complete full year to receive Gov't. & Fitness credits)	
<u>Pre-requisite:</u> JROTC 1-2 Recommended	
Global Awareness is a multi-disciplinary course that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs. The lessons include excellent videos to provide a window into life and issues within the regions, followed by a variety of hands-on activities created to engage the student. Students will learn about local, national and international governments and how they affect US interests. Leadership academics focus on management of large organizations. Fitness is a mix of competitions and games with an emphasis on developing life-long fitness habits.	
PRE-IB WORLD HISTORY 1-2	Year-Long Course: 3201-3202
<u>Grades:</u> 9-10	
<u>Prerequisite:</u> None	
<u>Credit Type:</u> Social Studies Additional or Elective	
This course is a rigorous examination of western civilization, with a particular emphasis on European and Islamic History. This course will also examine the origins and key beliefs of the five major world religions. The curriculum is designed to develop skills to help students prepare for IB coursework and extended essay. Successful completion of both semesters of Pre-IB World History, coupled with (instructor directed) outside independent study, will satisfy the Washington State History graduation requirement upon request.	
PSYCHOLOGY	Fall Semester Only: 3451
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> None	
<u>Credit Type:</u> Social Studies Additional or Elective	
The study of human behavior, which includes human development and the importance of experience in the formation of personality, as well as the causes of various human behaviors, is examined.	
SOCIOLOGY.....	Spring Semester Only: 3452
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> None	
<u>Credit Type:</u> Social Studies Additional or Elective	
Sociology is the study of human group behavior. Students study sociology methods, human interaction, social patterns and the nature of group dynamics.	
US HISTORY 1-2.....	Year-Long Course: 3301-3302
<u>Grades:</u> 11-12	
<u>Prerequisite:</u> None	
<u>Credit Type:</u> Social Studies US History or Elective	
The course studies the social, economic and political forces that have shaped the American character. Topics include: Colonization, American Revolution, Federalists, Jeffersonian & Jacksonian Democracy, Western Expansion, Sectionalism & Slavery, Civil War & Reconstruction, Industrial Age, Progressive Era, WWI, the 20's, Depression & New Deal, WWII, Post War/Cold War, Civil Rights, Vietnam, and Reagan/80's to present.	
WASHINGTON STATE HISTORY	One-Semester Course: 3112
<u>Grades:</u> 9-12	
<u>Prerequisite:</u> None	
<u>Credit Type:</u> Social Studies Additional or Elective	
This course is for students who have not met the requirement for successful completion of the study of Washington State history sometime during grades 6-12. The State of Washington is examined through its natural history, native peoples, immigration patterns, modern economics, and government. The climates and physical, cultural, political, and historical geography of Washington are topics of focus.	

WE THE PEOPLE..... Year-Long Course: 3431-3432

Grades: 12

Prerequisite: US History 1-2

Credit Type: Social Studies Government or Elective

Students will evaluate, assume, and defend positions on historical and contemporary issues centering on the US Constitution and the Bill of Rights. Also explored are issues in American Government shape culture, politics, media, and attitudes in American society. The fall semester culminates with a competition against other high schools in a simulated congressional hearing in which students “testify” before a panel of judges. The spring semester culminates with two presentations that will answer the essential question, “How does government policy reflect changes in society or do changes in society affect government policy?” Course requires excellent attendance and willingness to participate in course discussions.

WORLD GEOGRAPHY..... One Semester Course: 3101

WORLD HISTORY One Semester Course: 3102

Grades: 9-12

Prerequisite: None

Credit Type: Social Studies Additional or Elective

World Geography and World History comprise a year-long course of study. With an emphasis on the development of social studies skills, students will investigate the world from historical, geographical, economic, and political perspectives. The themes of geography, location, place, human-environment interaction, movement, global perspective, and regions serve as a framework for these courses. The first semester focuses upon a study of the world’s regions, addressing such topics as physical characteristics, climates, cultures, governments, and politics. The second semester focuses upon a survey of World History developments from the Renaissance through current times.

SPECIAL EDUCATION

Special Education offers a variety of basic education courses for students on Individualized Education Plans (IEP):

- Individual Placement is for students who require courses offered in the Special Services department. This program offers courses needed for graduation requirements. The courses emphasize application abilities and learning styles of the students in the program.
- Learning Lab is a support system to help special services students succeed in their regular courses and to increase academic skill levels.
- Life Skills is designed for students requiring individualized help in areas of personal living, community living, and vocational/occupational skills. Emphasis is placed in skills the student needs to have success living as independently as possible in the community.

ADAPTIVE PE 1-2 (Physical Education & Health Dept. Course) Year-Long Course: 6331-6332

Grades: 9-12

Prerequisite: IEP Placement

Credit Type: Physical Education or Elective

This course consists of a variety of fitness-related games and activities that provide a successful learning environment for special needs students.

IP CONTEMPORARY WORLD PROBLEMS Spring Semester Course: 3462

Grades: 12

Prerequisite: IEP Placement

Credit Categories: Social Studies CWP or Elective

This course allows for individual student placement and progress. This course examines current issues. Sections of study give students a historical, geographic, political, economic and religious perspective on the events and problems of today.

IP ENGLISH 1-2 Year-Long Course: 1131-1132

Grades: 9-12

Prerequisite: IEP Placement

Credit Type: English or Elective

This course is designed to allow for individual student placement and progress. Individual reading fluency in literature is the focus of this course. Additional individualized programs may be added to prepare students for entrance into mainstream English courses. The Read 180 curriculum, which includes the use of instructional software, direct instruction in reading and writing, and high interest fiction and nonfiction independent reading, may be a central focus of some sections of this course.

IP ENGLISH 3-4 Year-Long Course: 1231-1232

Grades: 10-12

Prerequisite: IEP Placement

Credit Type: English or Elective

This course is designed to allow for individual student placement and progress. Students will work on improving individual reading and comprehension skills, depending on the student’s needs, through a variety of texts and genres. They will read, analyze and respond to narrative and informational texts of varying length. Students will also work on building written language skills, including sentence structure, grammar, conventions and organization; writing expository, persuasive and narrative texts.

IP ENGLISH 5-6 Year-Long Course: 1341-1342

Grades: 11-12

Prerequisite: IEP Placement

Credit Type: English or Elective

This course is designed to allow for individual student placement and progress. Students will work on improving individual reading and comprehension skills, depending on the student’s needs, through a variety of texts and genres. They will read, analyze and respond to a variety of texts with increasing difficulty.

Students will also work on building written language skills, including sentence structure, grammar, conventions and organization; writing expository and argumentative essays and a research report.

IP ENGLISH 7-8Year-Long Course: 1391-1392

Grades: 12

Prerequisite: IEP Placement

Credit Type: English or Elective

This special services English class is for seniors on an IEP. The focus is transitioning to life after high school with an emphasis on careers. The course will explore values, skills, careers, decision making, goal setting, resume writing, exposure to different careers, college visits, job shadowing, and applications for work and/or colleges, cover letters, interviewing skills, and budgeting.

IP GOVERNMENT Fall Semester Course: 3461

Grades: 12

Prerequisite: IEP Placement

Credit Categories: Social Studies Government or Elective

This course allows for individual student placement and progress. Students explore the federal political system of the United States. Areas of study include the U.S. Constitution, the political process and the separate functions of the branches of government.

IP LEARNING LAB 1-2Year-Long Course: 9221-9222

Grades: 9-12

Prerequisite: IEP Placement

Credit Type: Elective

In addition to increasing the students' academic skills in reading, writing and mathematics, the learning lab is designed to support students with work from regular education classes. Individual assignments according to their IEP will be given. The assignments will count towards the grade. Academics as well as organization and behavior is taught in accordance with the IEP needs. The student is assigned to the learning lab and they are required to obtain signed bi-monthly progress reports.

IP MATH 1-2 Year-Long Course: 2261-2262

Grades: 9-12

Prerequisite: IEP Placement

Credit Type: Math or Elective

This course focuses on general math skills and concepts. It allows for individual student placement and progress. Emphasis is placed on basic computational skills and practical application. Additional individualized programs may be added to prepare students for entrance into mainstream math courses.

IP MATH 3-4 Year-Long Course: 2381-2382

Grades: 10-12

Prerequisite: IEP Placement

Credit Type: Math or Elective

This course is designed to have the students strive to reach the Grade Level Core Standards while implementing their Individual Education Plan. The students will practice applying basic operations (adding, subtracting, multiplying, and dividing to math concepts such as: Ratios and Proportional Relationships, Number System, Expressions/Equations, Pre-Algebra/Geometry, Statistics and Probability.

IP MATH 5-6 Year-Long Course: 2383-2384

Grades: 10-12

Prerequisite: IEP Placement

Credit Type: Math or Elective

This course is designed to have the students strive to reach the Grade Level Core Standards while implementing their Individual Education Plan. The students will apply operations (adding, subtracting, multiplying, and dividing) to math concepts such as: Ratios and Proportional Relationships, Number System, Pre-Algebra/Geometry, Statistics/Probability, and Real World Application.

IP SCIENCE 1-2: EARTH SCIENCE.....Year-Long Course: 4171-4172

Grades: 9-12

Prerequisite: IEP Placement

Credit Type: Science Additional or Elective

In this course, specially designed instruction is used to engage the student in learning about the earth and its position and interdependence in the larger solar system. The focus is on student understanding(s) of not just the earth's chemistry (rocks and minerals), but on the earth's atmosphere and its importance to sustaining life on earth. Additional individualized programs may be added to prepare students for entrance into mainstream science courses.

IP SCIENCE 3-4: LIFE SCIENCE.....Year-Long Course: 4181-4182

Grades: 9-12

Prerequisite: IEP Placement

Credit Type: Science Additional or Elective

In this course, specially designed instruction is used to engage the student in learning about Life Science, specifically plant and animal life and their corresponding systems. Additionally, the course will focus on the interdependence of living and non-living organisms. Additional individualized programs may be added to prepare students for entrance into mainstream science courses.

IP US HISTORY 1-2Year-Long Course: 3351-3352

Grades: 11

Prerequisite: IEP Placement

Credit Categories: Social Studies US History or Elective

This course is designed to allow for individual student placement and progress. Individual reading fluency in the social studies is a focus of this course. Additional individualized programs may be added to prepare students for entrance into mainstream social studies courses.

IP WASHINGTON & THE WORLD 1-2 Year-Long Course: 3141-3142

Grades: 9-12

Prerequisite: IEP Placement

Credit Type: Social Studies WA History (Fall Semester) and Social Studies Additional (Spring Semester) or Elective

This course is designed to allow for individual student placement and progress. Individual reading fluency in the social studies is a focus of this course. Additional individualized programs may be added to prepare students for entrance into mainstream social studies courses.

IP WORLD GEOGRAPHY One-Semester Course: 3161

IP WORLD HISTORY One-Semester Course: 3162

Grades: 9-12

Prerequisite: IEP Placement

Credit Type: Social Studies Additional or Elective

This course allows for individual student placement and progress. Individual reading fluency in the social studies is a focus of this course. Additional individualized programs may be added to prepare students for entrance into mainstream social studies courses.

IP WORK EXPERIENCE 1-2 Year-Long Course: 9231-9232

Grades: 9-12

Prerequisite: IEP Placement

Credit Type: Elective

This course is designed to help Special Service students increase awareness of workers' rights; improve employability skills on the job, and to maintain employment. Students participate in either work experience (paid) or career exploration/awareness (non-paid) settings. Students maintain part-time employment during or after school with local business or on-campus placements. Goals and objectives are integrated into the student's IEP.

TECHNOLOGY EDUCATION

ARCHITECTURAL DRAFTING/DESIGN 1-2 Year-Long Course: 8237-8238

Grades: 10-12

Prerequisite: Drafting/Design 1-2

Credit Type: Arts or Career & Technical Education or Elective

Building on knowledge and skill acquired in Drafting and Design 1-2, students will use state-of-the-art 3D modeling software to create drawings similar to what architects render. The goal of this course is to provide the knowledge and skills to produce a set of working drawings required to build a residential home. This course is excellent preparation for careers in architecture, engineering, construction, and interior design.

CONSTRUCTION TECHNOLOGY 1-2 Year-Long Course: 8243-8244

Grades: 9-12

Prerequisite: None

Credit Type: 0.5 credits Math or 1.0 credits Career & Technical Education or Elective

Students design, plan, and construct various projects. Safety and proper use of hand and machine tools are stressed. 9th grade students are encouraged to take this course in preparation for advanced technology courses.

CONSTRUCTION TECHNOLOGY 3-4 Year-Long Course: 8245-8246

Grades: 10-12

Prerequisite: Construction Technology 1-2

Credit Type: Career & Technical Education or Elective

This is the second year of a two year sequence. Students will continue to design, plan and construct a variety of projects. Students will have leadership and management roles within the shop. Construction projects will integrate a variety of skills and applications. Students will explore careers in the trades through practical application, field trips and guest speakers. Safety and proper use of hand and machine tools are stressed.

DRAFTING AND DESIGN 1-2 Year-Long Course: 8233-8234

Grades: 9-12.

Prerequisite: None

Credit Type: 0.5 credits Math or 1.0 credits Career & Technical Education or Elective

Would you like to learn how to design in 3D? If you would like to see your ideas take shape, this course is for you. Through additional 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 course is perfect for those students who have an interest in construction, engineering, architecture, and problem-solving. Students who meet the requirements may receive college credit through the CTE Dual Credit program.

DRAFTING AND DESIGN 3-4 Year-Long Course: 8235-8236

Grades: 10-12

Prerequisite: Drafting and Design 1-2

Credit Type: Career & Technical Education or Elective

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

ENGINEERING 1-2 Year-Long Course: 8217-8218

Grades: 9-12

Prerequisite: None

Credit Type: Career & Technical Education, Math (.5 credit) or elective credit

Do you like building things? Do you like working with others as a team? Do you like hands-on learning? If so, Engineering 1-2 is the class for you! Students build inventions and apply mathematic and scientific concepts. Students will think to solve problems and communicate what they are thinking as they create new technologies to solve real world problems. This course is excellent preparation for careers related to technology, apprenticeships, science, engineering, computer technology, medicine/health, communication, business/marketing, and occupations not yet invented.

MATERIAL SCIENCE 1-2 Year-Long Course: 8223-8224

Grades: 10-12

Prerequisite: None

Credit Type: Career & Technical Education or Science Lab or Elective

This CTE class explores the chemistry of solid materials. The focus will be on precision measuring, metals, ceramics, polymers and composites. Experiments will be done on each of these materials to demonstrate the effects of reactivity, temperatures, stress and manipulating mixtures. Students will be given the opportunity to apply their new learning as they design and develop projects.

PHOTOGRAPHY 1-2 Year-Long Course: 8211-8212

Grades: 10-12

Prerequisite: None

Credit Type: Arts or Career & Technical Education or Elective

This course is an introduction to photographic visualization and the mechanics of photography. Students 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 work for exhibition. IB art credit may be available for juniors and seniors who successfully complete this course. Students who meet the requirement may receive college credit through the CTE Dual Credit program.

PHOTOGRAPHY 3-4 Year-Long Course: 8213-8214

Grades: 11-12

Prerequisite: Photography 1-2 – Instructor approval required

Credit Type: Arts or Career & Technical Education or Elective

This advanced course is a self-directed continuation of Photography 1-2, but provides a wider and deeper experience. Computer image manipulation and advanced techniques are also explored. The student will create a portfolio and will prepare an exhibition of their work. IB art credit may be available for juniors and seniors who successfully complete this course.

PHOTOGRAPHY 5-6 Year-Long Course: 8255-8256

Grades: 12

Prerequisite: Photography 3-4 – Instructor approval required

Credit Type: Arts or Career & Technical Education or Elective

Successful completion of both semesters of this course satisfies the Culminating Project graduation requirement.

Photography 5-6 is an advanced course intended strictly for students intending to pursue photographic education and training beyond high school. Student will learn advanced digital imaging techniques and film camera dark room techniques. Students are strongly urged to provide their own dependable 35 mm film camera.

PRINCIPLES OF TECHNOLOGY Year-Long Course: 8225-8226

Grades: 10-12

Prerequisite: None

Credit Type: Career & Technical Education or Science Lab or Elective

This course relates basic physical science and applied physics to the technological world. Students will participate in hands-on labs and projects to learn the concepts of physical science and physics. Topics of this course included power, energy, rate, work, and force.

TECHNICAL MATH FOR THE TRADES Year-Long Course: 8241-8242

Grades: 11-12

Prerequisite: Successful completion of Algebra 1 and 2 (or teacher permission)

Credit Type: 1.0 math (3rd year math option)

This course is an integrated approach for learning mathematical concepts including Number and Quantity, Algebra, Functions, Modeling, Geometry, and Probability and Statistics. Students will apply practical math through a variety of construction related applications typical of carpenters, electricians, sheet metal workers, masons, HVAC technicians and plumbers. Students will apply mathematical theories through hands-on applications to build and construct projects.

WORLD LANGUAGES

To be successful in the study of a second language, a student should have strong reading and writing skills in English or his/her native language. Most colleges/universities require two to three years of study of the same world language for admission. **Please note:** In order for a student to continue into the second year of a world language course, he/she must receive a passing grade in both semesters of the world language course studied.

AMERICAN SIGN LANGUAGE 1-2 Year-Long Course: 5141-5142

Grades: 9-12

Prerequisite: None

Credit Type: Career & Technical Education or Elective

This course introduces ASL (American Sign Language), deaf culture, and issues related to hearing loss. Students have the opportunity to explore related careers and the uses of technology. Out-of-classroom activities are a required component of the course. Students who meet the requirements may receive 5 college credits through the CTE Dual Credit program.

AMERICAN SIGN LANGUAGE 3-4.....Year-Long Course: 5251-5252

Grades: 10-12

Prerequisite: American Sign Language 1-2

Credit Type: Career & Technical Education or Elective

This course is an expansion and continuation of the language and cultural topics introduced in American Sign Language 1-2. The profession of sign language interpreter is explored in depth. Out-of-classroom activities are a required component of the course. Students who meet the requirements may receive 5 college credits through the CTE Dual Credit program.

FRENCH 1-2..... Year-Long Course: 5101-5102

Grades: 9-12

Prerequisite: None

Credit Type: Elective

The course introduces students to the language, culture, and geography of the French-speaking world. Emphasis is on basic written and oral communication, supplemented with games, videos, songs, cuisine, and dance.

HONORS FRENCH 1-2 Year-Long Course: 5133-5134

Grades: 9-11

Prerequisite: None

Credit Type: Elective

The course introduces students to the language, culture, and geography of the French-speaking world. Emphasis is on basic written and oral communication, supplemented with games, videos, songs, cuisine, and dance.

FRENCH 3-4..... Year-Long Course: 5201-5202

Grades: 10-12

Prerequisite: French 1-2 or instructor approval

Credit Type: Elective

The course is a continuation and expansion of the language and cultural topics examined in French 1-2.

HONORS FRENCH 3-4 Year-Long Course: 5231-5232

Grades: 10-12

Prerequisite: French 1-2 or instructor approval

Credit Type: Elective

The course is a continuation and expansion of the language and cultural topics examined in French 1-2.

IB FRENCH 5-6..... Year-Long Course: 5331-5332

Grades: 10-12

Prerequisite: French 3-4 or Honors French 3-4 or instructor approval

Credit Type: Elective

This course is a review and expansion of the first two years of language study. A variety of texts and resource material, including classical and contemporary works, are used. Emphasis is placed on improving oral and written skills and the ability to understand and speak the language.

IB FRENCH 7-8..... Year-Long Course: 5431-5432

Grades: 11-12

Prerequisite: IB French 5-6 or Instructor approval

Credit Type: Elective

This course, conducted mainly in the target language, is a more in-depth study of the language, based on the student's previously acquired language skills, using current and authentic materials. Students prepare for the IB Language B exam and can take either the HL or the SL exam at the end of the spring semester.

SPANISH 1-2 Year-Long Course: 5121-5122

Grades: 9-12

Prerequisite: None

Credit Type: Elective

The course introduces students to the language, culture, and geography of the Spanish-speaking world. Emphasis is on basic written and oral communication, supplemented with games, videos, songs, cuisine, and dance. Any student enrolling in this course may, based upon analysis of that student's skill and previous experience in speaking Spanish, be administratively moved into a different Spanish course. Please see Ms. Urrego, World Language Department Chair, in Room 710, to determine appropriate placement before enrolling in this course.

SPANISH 3-4 Year-Long Course: 5221-5222

Grades: 9-12

Prerequisite: Spanish 1-2

Credit Type: Elective

The course is a continuation and expansion of the language and cultural topics examined in Spanish 1-2. Any student enrolling in this course may, based upon analysis of that student's skill and previous experience in speaking, reading, writing, and listening in Spanish, be administratively moved into a different Spanish course. Please see Ms. Urrego, World Language Department Chair, in Room 710, to determine appropriate placement before enrolling in this course.

HONORS SPANISH 3-4 Year-Long Course: 5223-5224

Grades: 9-12

Prerequisite: Spanish 1-2

Credit Type: Elective

This course is a continuation and expansion of the language and culture topics examined in Spanish 1-2. Any student enrolling in this course may, based upon analysis of that student's skill and previous experience in speaking Spanish, be administratively moved into a different Spanish course. Please see Ms. Urrego, World Language Department Chair, in Room 710, to determine appropriate placement before enrolling in this course.

IB SPANISH 5-6..... Year-Long Course: 5341-5342

Grades: 10-12

Prerequisite: Spanish 3-4, Honors Spanish 3-4, or Instructor approval required

Credit Type: Elective

This course is a review and expansion of the first two years of language study. A variety of texts and resource materials, including current events, cultural topics, and classical and contemporary reading are used. Emphasis is on improving oral and written skills and the ability to understand and speak the language.

IB SPANISH 7-8..... Year-Long Course: 5351-5352

Grades: 11-12

Prerequisite: IB Spanish 5-6 or Instructor approval required

Credit Type: Elective

This course is a more in-depth study of Spanish based on a student's previously acquired language skills, using current and authentic materials. Students explore related careers and technologies, learning about careers in interpretation/translation services, the essentials of translation skills and vocabulary, and career-based continued training opportunities. Students prepare for the IB SL exams and can pursue the WA State Seal of Biliteracy if desired.

IB SPANISH 9-10 Year-Long Course: 5441-5442

Grades: 11 & 12

Prerequisite: IB Spanish 7-8 or Instructor approval required

Credit Type: Elective

Students continue to develop and refine their language skills through literature, conversations, and situations. Active use of the language is expected. Students prepare for the IB SL or HL exams and can pursue the WA State Seal of Biliteracy if desired.

IB SPANISH 11-12 Year-Long Course: 5451-5452

Grades: 12

Prerequisite: IB Spanish 9-10

Credit Type: Elective

Students continue to develop and refine their language skills through literature, conversations and situations. Active use of language is expected. Students prepare for IB SL or HL exams and can pursue the WA State Seal of Biliteracy if desired.

SPANISH LANGUAGE ARTS 1-2.....Year-Long Course: 5125-5126

Grades: 9-12

Prerequisite: Ability to understand and speak Spanish at native or near-native speaker fluency or Instructor approval required

Credit Type: Elective

This college preparatory course is for students whose home language is Spanish. In this first level of the Spanish Language Arts program, the student will develop their reading, listening, writing, and speaking skills in Spanish. Students will study Hispanic history and culture, as well as the political and socio-economic issues facing the Spanish-speaking world. In this class, the student will be introduced to the study of grammar and literature of the Spanish language. The student will be expected to participate orally through debates, oral presentations, demonstrations, speeches and student lectures. Writing assignments for this course will focus on the advanced paragraph and the three paragraph essay. The differences between formal and informal language, both oral and written, will be stressed throughout the year. Students unsure of their level of Spanish should speak with Ms. Urrego, World Language Department Chair to determine appropriate placement before enrolling in the course.

SPANISH LANGUAGE ARTS 3-4 Year-Long Course: 5127-5128 Grades: 9-12

Prerequisite: Spanish as a primary language; a "C" or better in Spanish Language Arts 1/2 and/or instructor approval required

Credit Type: Elective

This is a second level of the Spanish Language Arts program. In this class the students will continue to perfect his / her Spanish through an in-depth study of culture, history, literature, grammar, and current events. This will continue to be achieved by oral presentations such as demonstration speeches, student lectures and class debates on contemporary sociological and political matters of the day. The study and analysis of Spanish language literature (which includes Spanish, Latin American and Chicano literature) is also emphasized. Students at this level write compositions of various types and purposes, but primarily focus on writing the five paragraph expository essay. Students after this course can choose to enter IB Spanish 7/8. Students unsure of their level of Spanish should speak with Ms. Urrego, World Language Department Chair to determine appropriate placement before enrolling in the course.

INDIVIDUALIZED & DISTINCTIVE ACADEMIC PROGRAMS

INTERNATIONAL BACCALAUREATE

International Baccalaureate is designed for both those who want to try for the full diploma and those who want to only take exams in self-selected areas. "Partial IB" or certificate students need to meet the requirements for just those exams that they are taking. Full diploma students study six subjects: native and world languages, history, science, mathematics, and an area of choice with fine arts being encouraged. In addition, full diploma IB students study the Theory of Knowledge (a year-long course), participate in CAS (creativity, activity, and service) projects, and write an extended essay. Some course work, essays, and written examinations are submitted to international judges for evaluation.

The IB diploma is advantageous when applying to universities. It may also be accepted as a year of college or university work or students may be granted advanced placement for exams with higher scores. Successful completion of part of the program may earn advanced university placement in tested areas. The IB experience is excellent preparation for future academic endeavors.

Freshmen and sophomores follow a prescribed course of study that includes several honors courses. The honors courses are necessary to continue in the junior and senior IB courses. What follows is a suggested plan of study for IB candidates.

Please Note: Participation in the International Baccalaureate program does not provide an automatic waiver of any graduation requirement (refer to KSD Waiver of Graduation Requirements policy). Refer to the appropriate section in this course catalog for information regarding the district's graduation requirements and how a student may meet standard by passing a competency exam in computer applications and PE.

International Baccalaureate and Honors Courses Available at Grade Level

9 th Grade Courses	10 th Grade Courses	11 th Grade Courses	12 th Grade Courses
Computer Science 1-2	Computer Science 1-2 or 3-4	IB Art	IB Art
Honors Algebra 1-2	Pre-IB English 3-4	Computer Science 3-4 or 5-6	Computer Science 5-6 or 7-8
Honors Geometry 1-2	Honors Algebra 3-4	IB Junior Language & Literature	IB Senior Language and Literature
Honors Biology 1-2	Honors Geometry 1-2	IB Literature 1-2	IB Senior English 1-2
Pre-IB World History 1-2	Honors Chemistry 1-2	IB Theory of Knowledge 1-2	IB Theory of Knowledge 1-2
Pre-IB French 1-2	Pre-IB World History 1-2	IB Math SL/Pre-Calculus 1-2	IB Math SL/Pre-Calculus 1-2
Honors Spanish 3-4	Honors French 3-4	IB Biology 1-2	IB Math SL/Calculus 1-2
	Honors Spanish 3-4	IB Chemistry 1-2	IB Math Studies 1-2
	IB Spanish 5-6	IB Environmental Systems and Societies	IB Biology 1-2 or 3-4
		IB History of the Americas 1-2	IB Chemistry 1-2 or 3-4
		IB French 5-6	IB Environmental Systems and Societies
		IB Spanish 5-6 or 7-8 or 9-10	IB 20 th Century World History 1-2
		IB Music & Theory 1-2	IB French 5-6 or 7-8
			IB Spanish 7-8 or 9-10 or 11-12
			IB Music & Theory 1-2

For demonstration and clarification purposes, an example IB course of study sequence is illustrated here:

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 1-2	Pre-IB English 3-4	IB SL Junior Lang and Lit or IB Lit 1-2	IB SL Senior Language and Literature 3-4 or IB Senior English 3-4
World Language	World Language	World Language	World Language
Honors Geometry 1-2	Honors Algebra 3-4	IB Math SL/Pre-Calculus 1-2	IB Math SL/Calculus 1-2
World Studies 1-2 or Pre-IB World History 1-2	World Studies 1-2 or Pre-IB World History 1-2	IB History of Americas 1-2	IB 20 th Century History 1-2
Honors Biology 1-2	Honors Chemistry 1-2	IB Biology 1-2, IB Chemistry 1-2, or IB Environmental Sys. & Soc.	IB Biology 1-2 or 3-4, IB Chemistry 1-2 or 3-4, or IB Environmental Sys. & Soc.
Art, Computer Applications, Health, Music, Personal Fitness, or Elective	Art, Computer Applications, Health, Music, Personal Fitness, or Elective	Another IB Course: IB Art, Computer Science, or 2 nd Science	Another IB Course: IB Art, Computer Science, or 2 nd Science
Summer School: Career & Technical Education course or any other graduation requirement being offered		IB Theory of Knowledge 1-2	

LEARNING CENTER PROGRAM

The Learning Center Program is a computerized, online learning program that utilizes comprehensive, interactive, standards-based curriculum in a variety of subject areas. APEX™ software serves as the instructional core of Learning Center courses. Mastery-based lessons, utilizing both content-based and skills-based activities, online testing, and multiple forms of assessment are incorporated into individualized instruction. Students make progress at a steady pace, receiving continual positive feedback and constructive engagement along the way. Student participation is limited. To participate, students must meet specific placement criteria and are administratively enrolled in Learning Center courses. Consistent attendance and academic progress are required for participation in the Learning Center program.

Learning Center courses are used for the following applications:

- **Credit Recovery.** This application allows students an opportunity to earn credits towards graduation. It is for students who have not been successful in a traditional classroom environment, who have credit deficiencies, or who are unable to earn credit because they have transferred into school after the tenth (10th) school day of the semester.

- **Basic Skills Mastery.** This application helps students improve their basic skills in such areas as language arts, mathematics, reading, science, and social studies. The curriculum is structured into multiple units, each with diagnostic and prescriptive tests that identify individual learning deficiencies. Mastery-based lessons work with each student at their own level and allow them to progress at their own pace. Post-tests confirm objective mastery.

All courses available through the Learning Center use the final grades of “A”, “B”, “C”, or “F” to indicate academic achievement in a course upon its completion. Grades of “S” or “U” (Satisfactory or Unsatisfactory) will be used to indicate academic progress prior to the student’s completion of the course. Minimum performance criteria for the successful completion of each course have been established.

RUNNING START

Running Start is a program created by the Washington State Legislature to provide high school juniors and seniors an opportunity to enroll in college classes that meet high school graduation requirements and also may apply toward a college degree (WAC 392-169-015). Students are not charged tuition for the first 15 credits (or equivalent) of coursework enrolled in each quarter. Tuition will be charged for coursework above the 15-credit limit. For students enrolling in both Running Start courses and Kennewick High School courses simultaneously, the 15-credit limit is reduced based on the number of courses enrolled in at Kennewick High School. Running Start students enrolled in 1 course at Kennewick High School may simultaneously enroll in 15 credits of college coursework; 2 courses at KHS allows 12 credits of simultaneous college coursework; 3 KHS courses allows 10 credits of college courses; 4 KHS courses allows 6 credits; and 5 or more KHS courses (a full-time high school student load) allows for 3 credits of enrollment. Students are, however, required to pay lab and comprehensive fees, books, supplies and transportation costs.

Only students who are in their junior or senior year of high school may participate in Running Start. A second-year senior may continue to enroll in the Running Start Program if he/she has been previously enrolled in the program, but may only enroll in those specific courses needed to meet high school graduation requirements. To participate in the program, students are required to complete the placement test, must qualify for college-level reading, and qualify to register for either ENG 101 or MTH 154 or a higher-level course. Running Start students may not enroll in any courses below the 100 level. Students who qualify should first meet with their high school counselors to determine that eligibility requirements will be met, to complete required forms, and to develop their academic schedule.

- Students must provide their own transportation to and from courses.
- Students wishing to add or drop collegiate courses from their Running Start schedule must adhere to CBC timelines and procedures.
- Students are solely responsible for attendance, behavior, and meeting course requirements and academic standards.
- Although the Kennewick School District pays the tuition for eligible credits for students in Running Start, students are responsible for book and other incidental fees.
- Kennewick School District and CBC calendars are different, with each having their own beginning, vacation, and ending dates. The differences can create some inconveniences.
- Five quarter credits is equal to 1.0 high school credits. Three or four quarter credits is equal to 0.5 credits high school credits. A course worth less than 3 quarter credits receives 0 high school credits.
- A grade of less than 1.0 in a Running Start course will not be accepted for high school credit.
- To receive equivalent high school credit, students must enroll in only those Running Start courses recognized by the Kennewick School District as equivalent to its high school courses.
- Running Start courses that are taken to fulfill high school graduation requirements must be completed by the end of the CBC winter quarter of the student’s senior year if students want those courses to be considered for Commencement participation purposes.

CTE DUAL CREDIT

The CTE Dual Credit program provides opportunities for students to earn college credit for courses taken in high school. The program provides students with college credit after the successful completion of specific high school courses. Course competency equivalencies and career and technical education certification reciprocity allow colleges to honor the direct credit arrangement.

- **Which students are eligible to receive college credit?** Students who demonstrate proficiency of the college course competencies by receiving an 85% or better grade for EACH semester enrolled in the articulated high school class may earn college credit through the CTE Dual Credit program. Only students who meet deadlines and eligibility requirements will be awarded college credit. Participation in the CTE Dual Credit program is voluntary.
- **How much does the credit cost through Direct Credit?** There is currently no fee for college credit received through the CTE Dual Credit programs articulated through Columbia Basin College and other participating community colleges.
- **How do students register?** High school students registered in the Student Enrollment Reporting System (SERS) for CTE Dual Credit will follow CBC student policies for transcription of credit as the high school grading system may not exactly align with the College’s. Credit and/or grades will not be removed once they have been transcribed.
- **Is this credit transferable?** The receiving institution determines the transferability of credit. Students must contact the institution of their choice for specific information. Most institutions allow for the transfer of elective credits; however, CTE Dual Credit may not meet elective course criteria.

TRI-TECH SKILLS CENTER

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 CTE Direct Credit. Students who successfully complete a program can earn up to 1.5 occupational and/or elective credits each semester. Some programs offer English, Math, Lab Science, Fitness and/or Visual Art equivalency credits for successful completion of the 2nd consecutive semester in the same program. Bus transportation is provided to programs at Tri-Tech, but not for cosmetology. Students planning to enroll in a Tri-Tech course must meet with their counselor to complete an application form. There are a limited number of openings at Tri-Tech each semester available to Kennewick High School students. Students who wish to return to Tri-Tech for a second year must receive at least a B their first year and have instructor approval. For more detailed program information, refer to the Tri-Tech Skills Center catalog available in the counseling office, at Tri-Tech Skills Center or online at tritech.ksd.org

Each Skills Center program has a portfolio requirement. Students are required to have, at a minimum, evidence of the following:

- High School and Beyond Plan (Navigation Activities)
- Mission Statement
- Resume
- Cover Letter
- Application
- Employability Skills Rubric/Certification Program Competencies Checklist
- Leadership and School Activities
- Evidence of Student Work
- Write a reflective paper on the project and its impact on the student

For students to satisfy the KSD Navigation (Quest) requirement, they must successfully complete the portfolio, pass the course and retain full credit.

TRI-TECH PROGRAMS

AUTO BODY TECHNOLOGY

1-2 Years

Collision repair students develop the necessary technical skills, knowledge, and attitude to be successful in the collision repair and custom car industries. Students learn the art and science behind metal work, plastic repair and modern painting. Training materials meet National Automotive Technical Education Foundation standards. Students may earn 21 college credits at WWCC.

AUTOMOTIVE SYSTEMS TECHNOLOGY

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). Students may earn up to 14 college credits from CBC as well as OSHA 10/30 and Forklift Operator certification.

BROADCASTING TODAY: Radio/Voice/Social Media

1-2 Years

Do you love music? Do you long to run your own podcast or Youtube channel? Students will run 88.1, the Tri-Tech radio station, use industry standard equipment, learn about multimedia production and social networks as well as work with music professionals and performers. Job shadows and internships are also an integral part of the program. College credits TBD.

COMPUTER SCIENCE/ CYBER SECURITY

1-2 Years

Learn to defend against criminal and terrorist threats. This program is designed to prepare students for a career in the Computer Science /Cyber Security industry. Students will learn hardware, networking and programming software including Linux, HTML, Python, C/C++, SQL, Java, PHP and Javascript. Students may earn up to 10 college credits at CBC.

CONSTRUCTION TRADES

1-2 Years

This program provides a foundation in basic residential construction allowing students to go directly from school to a construction industry job. Instruction includes the proper and safe use of tools; design and blueprint process; lot development; footings and foundations, metal and wood framing, roof construction and "Green Building" techniques. Students can earn First Aid/ CPR, OSHA 10/30 and Forklift Operator certification.

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 Victoria's Academy, Kennewick: **Monday–Friday 8:00AM-11:00 AM & Noon-3:00 PM. Students responsible for their own transportation. AM session will not work with Ben Franklin Transit schedules.**

CULINARY ARTS

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 catering business. Students may earn American Culinary Federation Junior Culinarian Certification. Students may earn 29 college credits from Walla Walla Community College.

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. Students earn 7 Hour HIV Certification as well as BLS CPR/ First Aid certification.

DIESEL TECHNOLOGY

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). Students may earn up to 16 college credits from CBC.

DIGITAL ARTS & FILMMAKING

1-2 Years

The Digital Arts and Filmmaking program will help you get a jump start into an exciting career in digital media, including graphic design, animation, social media, and film production. Students will be able to design and produce their own graphic materials and films, manage video libraries, as well as manage social media. Qualifying students will have the opportunity to job shadow and intern at local multimedia companies, design firms, TV stations and independent production companies. The program will provide students the opportunity to express their personal creativity while developing the ability to conceptualize story ideas and effectively translate these ideas in film productions, animations, graphic designs and websites. College credits TBD.

DRONE MANUFACTURING

1-2 Years

Interested in a career with unlimited possibilities? Students who like to design and build things can be prepared for two of the highest demand industries - manufacturing and unmanned aviation. Students will design, manufacture and fly their own drone while preparing to take FAA certification testing. Students will work with industry professionals in a variety of areas that utilize unmanned aviation. College credits TBD

EARLY CHILDHOOD EDUCATION**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 laboratory preschool in the Tri-City area. Students may earn up to 26 college credits from CBC, STARS certification, and First Aid/CPR certification.

FIREFIGHTING**1-2 Years**

For the student interested in a career in Firefighting and emergency service. The program prepares students to work in the volunteer fire department or as a wild land firefighter. Students are prepared for additional training at the post secondary level. Students may earn 15 college credits at CBC and Fire Certifications. Selected students may interview for 2nd year program.

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. College credits TBD.

PRE-ELECTRICAL**1-2 Years**

Electricity, often taken for granted, is what makes our modern world function. Trained electricians make that world work and are in extremely high demand. If you want to learn in a hands on- environment, this program may be just for you. You will: Learn about residential and commercial electrical codes; Learn about wiring and motor controls; and Learn electrical theory and blueprint reading. Career Opportunities include: Apprentice to Journeyman, Electrical Engineer, High Voltage Lineman, Power Plant operations. Certification Opportunities: OSHA 10, Forklift Operator, First Aid /CPR. College credits: TBD

PRE-NURSING**1 Year**

This program has been developed to meet the needs of students interested in a hands on/direct patient care career in the medical field including nursing, physical therapy, physician, radiology tech, etc. The program prepares students for initial certification as a Certified Nursing Assistant as well as continued medical training. Students may earn up to 8 college credits from CBC in this program and up to 2 points on the application for the CBC Nursing Program.

PRE- PHYSICAL THERAPY**1 -2 Years**

For students interested in physical therapy, orthopedics or occupational therapy, this program could be the introduction to a satisfying career. Students will learn innovative orthopedic, neurological and pediatric rehabilitation techniques, pain management therapy and how to prepare and maintain treatment equipment. Internships will be available for qualified students. Students may earn up to 5 college credits at CBC.

PRE-VETERINARY TECHNICIAN**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. Students may earn 2 college credits from YVCC in this program.

VIDEO GAME DESIGN**1-2 Years**

Creating technology, not just using it, is what the Video Game Design program is all about. The new program focuses on computer animation and programming for video games and is well known and respected. In this program students will be trained in object-oriented programming languages and software engineering techniques. Students will also study the core building blocks of computer mathematics using trigonometry and higher math. Pre-requisite: - "B" grade or better in Algebra 1 or Geometry or equivalent and Algebra 2 ready. Students may earn 5 college credits from CBC.

WELDING TECHNOLOGY**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. Students may earn SENSE student certification from the American Welding Society. Numerous jobs are available in the construction industry and welding/fabrication shops. Students may earn 14 college credits from CBC in this program.

**2020-2021 TRI-TECH EQUIVALENCY CREDITS
YEAR-LONG PROGRAMS**

Program	CREDITS/EQUIVALENCY CREDITS	
	All equivalency credits awarded upon successful completion of the full year	
Auto Body Technology 1-2	1.5 Occ Ed	0.5 Technical English 1 1.0 Occ Ed
Auto Body Technology 3-4	1.5 Occ Ed	0.5 Technical English 2 1.0 Occ Ed
Auto Systems Technology 1-2	1.0 Occ Ed 0.5 Technical English 1	0.5 Math 0.5 Science 0.5 Occ Ed
Auto Systems Technology 3-4	1.0 Occ Ed 0.5 Technical English 2	0.5 Math 0.5 Science 0.5 Occ Ed
Broadcasting Today 1-2	0.5 Occ Ed 0.5 Visual Arts 0.5 Technical English 1	0.5 Visual Arts 0.5 English 0.5 Occ Ed
Broadcasting Today 3-4	0.5 Occ Ed 0.5 Visual Arts 0.5 Technical English 2	0.5 Visual Arts 0.5 English 0.5 Occ Ed
Computer Science/Cyber-Security 1-2	1.0 Occ Ed 0.5 Math (Analysis)	0.5 Occ Ed 0.5 Math (Analysis) 0.5 Technical English 1
Computer Science/Cyber-Security 3-4	0.5 Occ Ed 0.5 Math (Analysis) 0.5 Science	0.5 Math (Analysis) 0.5 Science 0.5 Technical English 2
Construction Trades 1-2	1.0 Occ Ed 0.5 Math	0.5 Math 0.5 Technical English 1 0.5 Occ Ed
Construction Trades 3-4	1.0 Occ Ed 0.5 Math	0.5 Technical English 2 0.5 Occ Ed 0.5 Math
Cosmetology 1-2	0.5 Occ Ed 0.5 Visual Arts 0.5 Lab Science	0.5 Visual Arts 0.5 Lab Science 0.5 Technical English 1
Cosmetology 3-4	0.5 Occ Ed 0.5 Visual Arts 0.5 Lab Science	0.5 Visual Arts 0.5 Lab Science 0.5 Technical English 2
Culinary Arts 1-2	0.5 Lab Science 0.5 Visual Arts 0.5 Technical English 1	0.5 Lab Science 0.5 Visual Arts 0.5 Math
Culinary Arts 3-4	0.5 Lab Science 0.5 Visual Arts 0.5 Technical English 2	0.5 Lab Science 0.5 Visual Arts 0.5 Math
Dental Assisting 1-2	1.0 Occ Ed 0.5 Lab Science	0.5 Lab Science 0.5 Technical English 1 0.5 Occ Ed
Diesel and Technology 1-2	1.0 Occ Ed 0.5 Technical English 1	0.5 Math 0.5 Science 0.5 Occ Ed
Diesel and Technology 3-4	1.0 Occ Ed 0.5 Technical English 2	0.5 Math 0.5 Science 0.5 Occ Ed
Digital Arts & Filmmaking 1-2	0.5 Occ Ed 0.5 Visual Arts 0.5 Technical English 1	0.5 Visual Arts 0.5 English 0.5 Occ Ed
Digital Arts & Filmmaking 3-4	0.5 Occ Ed 0.5 Visual Arts 0.5 Technical English 1	0.5 Visual Arts 0.5 English 0.5 Occ Ed
Drone Manufacturing & Aviation 1-2	0.5 Math 0.5 Science 0.5 Occ Ed	0.5 Math 0.5 Science 0.5 Technical English 1

Drone Manufacturing & Aviation 3-4	0.5 Math 0.5 Science 0.5 Occ Ed	0.5 Math 0.5 Science 0.5 Technical English 2
Early Childhood Education 1-2	1.5 Occ Ed	0.5 Technical English 1 1.0 Occ Ed
Early Childhood Education 3-4	1.5 Occ Ed	0.5 Technical English 2 1.0 Occ Ed
Firefighting 1-2	0.5 Occ Ed 0.5 Fitness 0.5 Technical English 1	0.5 Science 0.5 Fitness 0.5 Occ Ed
Firefighting 3-4	0.5 Occ Ed 0.5 Fitness 0.5 Technical English 1	0.5 Science 0.5 Fitness 0.5 Occ Ed
Law Enforcement 1-2	0.5 Occ Ed 0.5 Fitness 0.5 Technical English 1	0.5 Science 0.5 Fitness 0.5 Occ Ed
Pre-Electrical 1-2	0.5 Occ Ed 0.5 Science 0.5 Math	0.5 Science 0.5 Math 0.5 Technical English 1
Pre-Electrical 3-4	0.5 Occ Ed 0.5 Science 0.5 Math	0.5 Science 0.5 Math 0.5 Technical English 2
Pre-Nursing 1-2	0.5 Occ Ed 0.5 Lab Science 0.5 Technical English 1	0.5 Lab Science 0.5 English 0.5 Health*
Pre- Physical Therapy 1 -2	0.5 Lab Science 0.5 Fitness 0.5 Health	0.5 Technical English 1 0.5 Lab Science 0.5 Fitness
Pre-Physical Therapy 3-4	0.5 Lab Science 0.5 Occ Ed 0.5 Fitness	0.5 Lab Science 0.5 Technical English 2 0.5 Fitness
Pre-Veterinary Technician 1-2	1.0 Occ Ed 0.5 Lab Science	0.5 Lab Science 0.5 Technical English 1 0.5 Occ Ed
Pre-Veterinary Technician 3-4	1.0 Occ Ed 0.5 Lab Science	0.5 Lab Science 0.5 Technical English 2 0.5 Occ Ed
Video Game Design 1-2	0.5 Occ Ed 0.5 Math (Analysis) 0.5 Visual Arts	0.5 Math (Analysis) 0.5 Visual Arts 0.5 Technical English 1
Video Game Design 3-4	1.0 Occ Ed 0.5 Visual Arts	0.5 Visual Arts 0.5 Technical English 2 0.5 Occ Ed
Welding Technology 1-2	1.0 Occ Ed 0.5 Technical English 1	0.5 Math 0.5 Science 0.5 Occ Ed
Welding Technology 3-4	1.0 Occ Ed 0.5 Technical English 2	0.5 Math 0.5 Science 0.5 Occ Ed

All programs at the Skills Center offer successful completers 1.5 Occupational or Elective credit per semester. Programs offer an equivalency credit option, as identified above. All students enrolled in the program complete the competencies required for the equivalency credit whether they request it or not. Grades are reported each semester to the home high school. For a student to earn an equivalency credit they must successfully pass the course and equivalency portions of the curriculum and earn full credit for two consecutive semesters. Equivalency credits are utilized at the discretion of the sending school district. The equivalency credits earned through Tri-Tech Skills Center meet Washington Opportunity Scholarship requirements.