



EPHRATA HIGH SCHOOL



EHS COURSE CATALOG

2024-2025

www.ephrataschools.org



WELCOME TO the Course Catalog

Please browse this course catalog to learn more about the course offerings at Ephrata High School. The Ephrata High School Course Catalog is a valuable tool to help you plan your four-year educational program. It describes the academic rigor and diversity of our curriculum. The many options allow you to individualize your course of study to meet your academic objectives, learning needs, and interests. In addition to describing courses, the Course Catalog provides information about graduation requirements, credits, grades, career options, and special programs. Please consult with your parents and counselor as you use this guide to make informed decisions.

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ABOUT

EPHRATA HIGH SCHOOL

Strongly supported by its community, Ephrata High School welcomes all students with a comprehensive curriculum, a wide range of extracurricular activities, and a caring professional staff. EHS students are encouraged to become involved in their education and to set goals for high school and beyond. While attending high school here, students explore new ideas, learn new skills, and develop friendships to last a lifetime. Ephrata's graduates attend college, go to trade school, enter the workforce, or join the military, having prepared themselves successfully with the guidance of teachers, coaches, advisors, and parents.

A "Well Rounded" High School Experience

Ephrata High School encourages each student to develop a "well-rounded" high school experience. The faculty recommends that students expand their schedules to include studies beyond the basic graduation requirements. In addition, students can develop word processing skills; experience international culture and world languages; and pursue areas of personal interest including music, art, drama, computer programming, marketing, business, sports, and other areas.

Student Involvement

Besides offering a strong educational program, Ephrata High School provides a wide variety of nonacademic opportunities, from athletics to special interest clubs. An estimated 80-85% of the student body is active in extra-curricular activities. To obtain information about athletic programs, contact the Athletics Director's Office at (509) 754-5285, Option 3.

Counseling Office Services

The focus of the Counseling Department is to help students with academic and career planning and to foster personal exploration, self-awareness, and social growth. Students are encouraged to set realistic yet challenging goals, to make responsible decisions, to understand the consequences of their actions, and to learn to self-advocate.

Ashlie Miller, Principal

Dave Laird, Assistant Principal

Charlotte Throgmorton, Assistant Principal

Bryan Johnson, Athletic Director/Assistant Principal

Counselors: Rhonda Hagy, Jenny Ratigan, Laina Mitchell

Jay Mills, Student Services Director

Sarah Vasquez, Career and Technical Education Director

Pam Cleveringa, School Nurse

Michelle Derr, Registrar

Office Secretaries: Terrie Mather, Debbie Tate, Susana Botello

Melissa Allen, Financial Secretary



COUNSELING SERVICES

- Teacher/student/parent conferences
- Information about intervention services
- Personal counseling
- Information about community agencies and services
- Self-advocacy strategies
- Academic planning and program
- Design College planning
- Registration services



SKYWARD FAMILY ACCESS

Skyward is a state-wide student information system which is real-time and on-line. Parents and students can view class schedules, daily attendance, academic progress, and other information. Skyward resides on a secure server, viewable using a unique log-in and password. To obtain access to the system, contact the EHS office at (509)754- 5285, Option 0.



PICTURE POLICY

Occasionally EHS or District staff members photograph students or student work for use in school or District publications (yearbooks, calendars, newsletters, websites). Families who do not wish to release photographs of a student or a student's work must notify the school in writing each year.



GENERAL INFORMATION

Grade Reporting & Earning Credit Procedures

Ephrata High School's academic school year is divided into 2 semesters of 18 weeks (90 school days) each. Students will receive 3 progress reports approximately every 4 ½ weeks and a report card at the end of each semester. Semester grades are final and recorded on the transcript.

Ephrata High School Drop Course Procedure: Dates Dropped & Grade Received	
Start of Semester through Mid-Term Report 1	Drop with no record of class on transcript
Mid-Term Report 1 to Quarter	Drop with "W" on transcript
Quarter to Mid-Term Report 2	Drop with "W" (if passing) on transcript Drop with "F" (if failing) on transcript
Mid-Term Report 2 to End of Semester	Drop with "F" on transcript

PROGRESS REPORTS & SEMESTER GRADES

SEMESTER 1		
Mid Term 1	Mid October	Given to student
Quarter 1	Early November	Mailed home
Mid Term 2	Mid December	Given to student
Semester 1	Mid January	Mailed home

SEMESTER 2		
Mid Term 3	Early March	Given to student
Quarter 3	Early April	Mailed home
Mid Term 4	Early May	Given to student
Semester 2	Mid June	Mailed home

All semester grades are calculated in grade point averages. An exact class rank is determined based on the un-weighted cumulative grade point average. The GPA is calculated at the end of each semester grading period.

The High School Transcript	
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
F	0
P	PASS
INC	INCOMPLETE
IP	IN PROGRESS
W	WITHDRAWN
CR	CREDIT
NC	NO CREDIT



GOALS

One of our goals is for every student graduating from Ephrata High School to be Career and College Ready. Counselors will assist students during the registration process to ensure that graduation requirements are addressed. They are also available to answer questions and/or concerns.



COURSE SELECTION

It is vital that students take the registration process seriously. The master schedule is built based on student course selections. Please consider course selections carefully with a clear focus on developing a plan for high school and the years that will follow high school. Course selections may be changed by the administration based on student enrollment.



REGISTRATION

Student course requests are used to develop a course master schedule. Schedule changes will only be permitted for students who are academically misplaced or who have existing health conditions. Students will be required to carry a full schedule unless given special permission by a counselor or administrator. A full schedule is 7 classes per semester.



SCHEDULE CHANGES

Students must request schedule changes within the first 3 days of the semester. This can be done by completing a Schedule Change Request form located in the Counseling Office. Adjustments to a student's course selections for the semester will be made only for academic reasons and will not be made due to a student's change in preference.



College/University Entrance Requirements

Colleges and universities have different general requirements unique to each institution. However, there are some common requirements for each type of college or university. Although specific requirements may vary among institutions, the following minimum guidelines exist:

In-State Public Universities	
English	4 credits (Includes 3 credits of college preparatory composition and literature)
Mathematics	3 credits (Includes Algebra 1, Geometry, and Algebra-based mathematics in senior year)
Science	2-3 credits (Includes 1 credit of Algebra-based biology, chemistry, or physics (Western Washington University specifies that the algebra-based science must be chemistry or physics.))
Social Studies	3 credits (History or other Social Sciences)
World Language	2 years consecutive study (2 credits) of same language: World language, Native American language, or American Sign Language
Fine Arts	1 credit (University of Washington and Western Washington University specify ½-credit in fine, visual, or performing arts; the other ½-credit may be in the arts or in an academic elective.)

Private 4-Year Colleges/Universities	
English	4 credits
Mathematics	4 credits
Science	2-3 credits
Social Studies	3 credits
World Language	2-3 years consecutive study of the same world language
Academic & Arts Electives	2 credits

Highly Selective Colleges/Universities	
English	4 credits
Mathematics	4 credits
Science	3-4 credits with laboratory courses
Social Studies	3-4 credits
World Language	3-4 years/credits consecutive study of the same world language
Academic & Arts Electives	2-3 credits

Community Colleges/Technical Programs

Admission requirements vary from “open-door” policy to selective course expectations for specific programs.

GRADUATION REQUIREMENTS

To graduate from Ephrata High School, students must complete the necessary credit requirements, complete an approved Graduation Pathway and complete a High School and Beyond Plan.

CLASS OF 2020 & BEYOND	
High School Credits	Required
English	4
Math	3
Science	3
Social Studies	3
Arts*	2
Health/Fitness	2
Career & Technical (CTE)	1
Career Choices/MicroApps	1
World Languages*	2*
General Electives	3
Total	24

CREDIT REQUIREMENTS

Students need to earn 24 credits in order to graduate from Ephrata High School.

*1 Art Credit and 2 World Language credits can be substituted through a Personal Pathway.

Washington State History is required for graduation.
(usually taken in 7th grade)



GRADUATION PATHWAYS

Students will demonstrate their readiness to enter a postsecondary career, including the military, or attend college, by completing one of the Graduation Pathways. The Graduation Pathway(s) used by a student must be aligned with their High School and Beyond Plan (HSBP).

For more information, go to the Office of Superintendent of Public Instruction (OSPI) website: www.k12.wa.us.



Xello: Online Career and College exploration and HSBP Platform



HIGH SCHOOL & BEYOND PLAN

The High School & Beyond Plan (HSBP) is a collection of written documents that helps students set goals for the future and then take the steps needed to achieve those goals.

- The student's interests and abilities, and the relationship to his/her current career goals;
- A four-year plan for courses taken during high school that is aligned to fulfill high school graduation requirements;
- Identification of exams student needs to graduate from high school and for post-secondary goals (State assessments, ACT, SAT, etc.);
- Research on postsecondary programs related to the student's goals;
- A completed resume or activity log;
- A budget for life after high school; and
- Demonstration of preparedness through a presentation of HSBP.



AGRICULTURE

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
Intro to Ag Science	AGR630	9-10	1	
Horticulture	AGR685	10-12	1	
Floriculture	AGR687	9-12	1	
Animal Science	AGR620	10-12	1	
Welding / Metal Shop I	AGR671	9-12	1	2-6
Welding / Metal Shop II	AGR672	10-12	1	2-6
Worksite Learning	BUSWL1	10-12	1-2	
Applied Math	MATAP1	10-12	1	
Natural Resources	AGR680	10-12	1	
Viticulture	AGR900	10-12	1	
Crops & Livestock	AGR624	10-12	1	

INTRO TO AG SCIENCE - 2-FOR-1

Course Length: One Year Open to: 9, 10

Considerations: CTE or Lab Science credit. Also a great option for freshmen wanting to participate in FFA.

Content: This hands-on course introduces students to through activity based learning to Animal Science, Plant Science, Natural Resources, and FFA. The course is structured to enable all students to experience an overview of the fields of agricultural science and natural resources so that students may continue through a sequence of courses throughout high school. Agriculture is the top employment sector in Grant County and holds many career opportunities.

Students will: Complete lessons focused on the introduction to agriculture in and out of the classroom, on the school farm, using in the greenhouse and other areas that support agriculture to support hands-on agriculture.

FLORICULTURE - 2-FOR-1

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: CTE or Art Credit

Content: The “Floral Design” content will introduce students to art concepts intertwined with the arranging of flowers. There will be introductions into design history, floral identification, industry knowledge, art concepts, and usage of various tools. Each month there will be a specific arrangement created to demonstrate the artistic content that was specially focused on. There will be many opportunities to create and work with flowers throughout this course!

Students will: Explore topics in floral design and floral industry management. Topics will be covered in lab experiences, class discussions, and activities (i.e. Make many floral arrangements).

ANIMAL SCIENCE - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Considerations: CTE or science credit requirement Biology Equivalent.

Content: Principles of Agricultural Science—Animal is a foundation-level course engaging students in hands-on laboratories and activities to explore the world of animal agriculture. Student experiences involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing.

WELDING / METAL SHOP I - CTE DUAL CREDIT

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: Meets CTE requirement.

Content: The first year welding curriculum is designed to introduce students to the metal shop environment. Students will be allowed to progress in this class at their individual pace. Students are not expected to come to this class with any background or experience. Specific units of instruction will include, but not be limited to: shop safety, oxy-acetylene welding, arc welding, wire feed welding, oxy-acetylene cutting, plasma cutting, metal shaping, and cold steel skill projects, and FFA. There are several required skills that all students must complete as the required competencies of the class. As skills are completed the students will select projects to design and construct that utilize the skills developed as a part of the first year curriculum. This class is articulated with BBCC for 2-6 college level credits if the student is a Junior or Senior, maintains a grade of "B" or better, and completes the BBCC Welding competencies.

Students will: Acquire welding skills and build meaningful projects.

WELDING / METAL SHOP II - CTE DUAL CREDIT

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Welding/Metal Shop I

Considerations: Meets CTE requirement. Students may take more than one year of this class as long as they keep advancing in skill.

Content: The second year welding curriculum is designed to build on the skills that were developed in the first year program. Students will develop advanced level skills in oxy-acetylene welding, arc welding, wire feed welding, oxy-acetylene cutting, plasma cutting and plasma cam project work, and students will receive an introduction to the process of TIG welding. Shop safety and FFA are also specific units of instruction in this class. This class is designed to include several required competency skills that all students must complete. Due to the fact that their skill level is higher it is very likely that most students will be allowed about half of the year for project construction time. This class is articulated with BBCC for 2-6 college level credits if the student is a Junior or Senior, maintains a grade of "B" or better, and completes the BBCC Welding competencies.

Students will: Develop advanced welding skills in ARC and MIG.

WORKSITE LEARNING

Course Length: One Year Open to: 10-12 *(By Application Only)*

Prerequisites: Qualifying CTE class

Considerations: Meets CTE graduation requirement.

Content: Earn a CTE credit by working! Worksite Learning provides students the opportunity to learn in the workplace, while applying skills and knowledge obtained in a qualifying CTE class. Worksite Learning occurs at a qualified worksite outside the classroom in fulfillment of a student's career and educational plan. There is no class to attend. Students are responsible for securing their own employment at a qualified worksite.

APPLIED MATH - 2-FOR-1

Course Length: One Year Open to: 10-12

Considerations: Meets CTE graduation requirement & 3rd year math requirement.

Content: This class is for students that are seriously considering a career in Welding/Manufacturing and/or Agriculture. The course will teach practical application of Algebra I as it applies to welding.

VITICULTURE - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Considerations: Meets CTE or lab science requirement.

Content: Have you ever wondered how to grow grapes instead of just eating them? Do you want to learn about how Food Science, the Production of Grapes, their products, and Agribusiness are all tied together? The Viticulture class will focus on growing grapes in a vineyard, grape production, the food science viticulture concepts, soil, pest management, and the business/marketing of vineyard production. Come take a science based hands-on approach to these topics while being a part of an actual live vineyard growing popular grapes for our region. This is one of the largest growing industries in Grant County with lots of job opportunities!

CROPS & LIVESTOCK - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Completion of Animal Science or Horticulture.

Considerations: CTE or Science Credit requirement. This course will allow students to advance their crops and livestock production knowledge and experience. Course concepts will include herd/flock management, animal reproduction, livestock evaluation & selection, animal products, value added agriculture and crop production. Course concepts will be applied at the school farm via the FFA sheep flock and experimenting with specialty crops. The final goal of this course will allow students to enjoy the fruits of their labor with a farm to table experience.

Students will: Participate in lessons that will take the student out of the classroom, and onto the school farm for practical learning while working with crops and animals.

NATURAL RESOURCES - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Considerations: CTE or science requirement, Biology Equivalent.

Content: Do you love the outdoors? Are you an avid fisherman, hunter, hiker or just enjoy nature? This class is for all of those who want to explore the great outdoors, lakes, wildflowers, native plants, forests, wildlife, rangeland, soil and much more. Explore in a hands on approach how people's interactions with the natural world impact all that is around them. There is even a chance to make a fishing pole!

Students will: Work on labs within the classroom, also, utilize the outdoor areas that Ephrata has to offer that support Natural Resources.

HORTICULTURE - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Considerations: CTE or science requirement, Biology Equivalent.

Content: Horticulture feeds the world! This class will study the growth and survival of plants ultimately growing them in the greenhouse. Specific units of instruction will include: plant classification, basic plant science, plant growth, soil, and the basics of growing agricultural crops. Students will also work in the greenhouse to raise plants for the annual Ephrata High School FFA plant sale.

Students will: Explore topics concerning the growth and development of plants by student lab experience and class discussion.

BUSINESS

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
Accounting I	BUS537	9-12	1	5
Personal Finance	BUSPF1	11-12	1	
Career Choices / Micro Apps I	BUS554 / BUS555	9-12	1	14
Graphic Design	BUSGA1	9-12	1	
Worksite Learning	BUSWL1	10-12	1-2	
Intro to Computer Science	BUSCS1	9-12	1	
Yearbook	YBK401	10-12	1	
Imagine Academy	BUSIA1	10-12	1	12
Intro to Business & Marketing	BUSPR1	9-12	1	
Broadcast & Digital Media	BUSDM1	9-12	1	
Business Communications	BUSEN1	11-12	1	
Computer Support Specialist	BUSCR1	9-12	1	
Video Game Design	BUSVG1	10-12	1	
Cyber Security	BUS220	10-12	1	
Digital Photography	BUSDP1	9-12	1	
Sports & Entertainment Mgmt	BUS601	10-12	1	
Economics		10-12	1	

PERSONAL FINANCE - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Considerations: This course can fulfil a CTE, Algebra I or Third Year math credit. A class to help prepare all students on how to successfully manage their personal finances and prepare them for life after high school.

Content: Understanding and managing personal finances are key to one's future financial success. The course presents essential knowledge and skills to make informed decisions about real-world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

Topics Covered: Budgeting, Savings, Credit & Debt, Consumer Awareness, Career & College Readiness, Financial Services, Insurance, Income & Taxes, Housing & Real Estate, Investing & Retirement, Global Economics, Resumes, Job Application & Interviews, goals and goal planning, personal traits/career values & interests, scholarship preparation, FAFSA, work ethics and attitudes, health/safety, teamwork/leadership, communication skills, technology, educational philosophy, vision/ mission statements, research of advanced training, letters of recommendation, financial aid, personal finance, taxes.

CAREER CHOICES / MICRO APPLICATIONS I - CTE DUAL CREDIT

Course Length: One Year Open to: 9, 10, 11, 12 (*BBCC credit available*)

Considerations: This is a required course to prepare for college and/or all occupations. This class provides hands-on instruction on a computer. This class will provide the opportunity to become comfortable using a computer. Microsoft Word, Excel, and PowerPoint will be learned.

Content: This is an introductory course in keyboarding, word processing and microcomputer applications. Class is taught primarily using Word, PowerPoint and Excel. Students are eligible to receive up to 22 college credits from Big Bend Community College. Students will have the opportunity to become certified through the Microsoft Office Specialist (MOS) Program in Word, Excel or PowerPoint.

Students will: Demonstrate the correct "touch" system techniques for operating the entire keyboard. Demonstrate a straight copy speed of 35 wpm with a maximum of 2 errors per minute. Prepare a variety of correctly formatted keyboarding applications, including reports, business and personal letters, and tables.

GRAPHIC DESIGN - 2-FOR-1

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: Class can fulfill a CTE and/or Fine Arts requirement. Basic computer literacy skills required.

Content: Graphic Design is a year-long, project-based curriculum that develops career and communication skills in print and graphic design. A focus on the elements of design is at the foundation of the course. It will integrate photography, graphic design, desktop publishing, web and video production and advertising.

Students will: Learn primarily Photoshop and Illustrator and have the opportunity to become an Adobe Certified Associate in Visual Communications. Projects will be real-world design opportunities that may include an introduction to the advertising environment.

WORKSITE LEARNING

Course Length: One Year Open to: 10-12 (*By Application Only*)

Prerequisites: Qualifying CTE class

Considerations: Meets CTE graduation requirement.

Content: Earn a CTE credit by working! Worksite Learning provides students the opportunity to learn in the workplace, while applying skills and knowledge obtained in a qualifying CTE class. Worksite Learning occurs at a qualified worksite outside the classroom in fulfillment of a student's career and educational plan. There is no class to attend. Students are responsible for securing their own employment at a qualified worksite.

YEARBOOK - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12 (*By Application Only*)

Prerequisites: On Approval

Course Fee: \$23.00 (ASB Card)

Considerations: Class can fulfill a CTE and/or Fine Arts requirement. Graphic Design prerequisite strongly recommended but not required. Students in yearbook 3 years will receive an activity cord at graduation.

Content: Yearbook is a year-long, project-based curriculum that develops career, and communication skills in page design, publishing techniques, graphic design, copywriting, editing and journalism. The yearbook staff will produce a creative, innovative yearbook which records student memories and events. Students in the yearbook class are the leaders and decision-makers of Ephrata High School.

Students will: Acquire skills including project management, photography, journalism, graphic design and publishing while creating the high school yearbook and other printed and digital publications.

IMAGINE ACADEMY - CTE DUAL CREDIT

Course Length: One Year Open to: 10-12

Considerations: This course will fulfill a CTE credit. Students can earn up to 10 credits from Big Bend Community College.

Content: Earn more certifications! Students in Microsoft Imagine Academy may explore one of 2 tracks: Microsoft Office Specialist (MOS) or Adobe Certified Associate (ACA). MOS students will have the opportunity to earn Word, Excel, PowerPoint, Word Expert, Excel Expert, and/or Access certifications. ACA students will explore applications including Adobe Premiere Pro, Photoshop, After Effects, Dreamweaver, Fireworks, Flash & more. This course gives students the perfect opportunity to add valuable certifications to their resume and skill set.

INTRO TO BUSINESS & MARKETING

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: This course will fulfill a CTE credit.

Content: Do you want to go into business? Do you want to be your own boss? In this course, students will be introduced to the world of business, marketing and entrepreneurship. This class will help students develop key business skills and work ethic. Students will learn about business finances, public relations, marketing, budgeting, accounting principles and inventory management. Students are strongly recommended to join Future Business Leaders of America (FBLA) and compete at the regional, state and national level.

BROADCAST AND DIGITAL MEDIA - 2-FOR-1

Course Length: One Year Open To: 9, 10, 11, 12

Considerations: Class can fulfill a CTE and/or Fine Arts requirement.

Content: This one-year course is designed for the study and practice of the basic elements of broadcast and photo journalism and video production. The course will emphasize news-gathering, writing, video recording, editing, and the study of mass media, photography and broadcast technology.

Students will: Learn the basic elements of news value and vocabulary specific to broadcast writing. They will also identify various news sources and use interview skills to create stories using video and editing software. This course also explores the world of digital video and television production. Students learn on professional equipment in a modern digital TV studio. Students work in collaborative teams to produce projects using cameras, while learning the basics of studio and field production, lighting and sound. The course also is an introduction to the digital world via livestream technology, podcasts and web development.

COMPUTER SUPPORT SPECIALIST

Course Length: One Year Open to: 10-12

Considerations: Meets CTE graduation requirement.

Content: A course that prepares students to analyse problems and research solutions; identify, test and implement solutions; manage working relationships with customers; install, configure and test new operating and application software; operate computer systems and monitor and analyse system performance. Includes instruction in troubleshooting, customer service, hardware and software installation, system configuration and upgrades, system monitoring and system maintenance. Students who complete the course with a B or better will be given the opportunity to take the industry standard A+ Certification Exam through CompTIA.

VIDEO GAME DESIGN

Course Length: One Year Open to: 10-12

Considerations: Meets CTE and graduation requirement. Successful completion of Computer Science/Computer Programming or approval of instructor.

Content: Are you a gamer? Do you enjoy playing video games or coding? Does the idea of creating and designing your own virtual world excite you? If so, this is the course for you! Using Blender, Adobe Animate, and Unity you will tap into your creative and technical skills as you learn about the many aspects involved with designing and creating video games. You will learn about video game software and hardware, various gaming platforms, necessary technical skills, and even the history of gaming. And to top it all off, you'll even have the opportunity to create your very own video game! Turn your hobby into a potential career and go from simply being a player in a virtual world to creating one!

CYBERSECURITY - 2-FOR-1

Course Length: One Year Open to: 10-12

Considerations: Meets CTE or Science graduation requirement. Recommended completion of Computer Science/Computer Programming but not required. This course introduces students to the many aspects of Cybersecurity. Certification Available.

Content: As our world becomes increasingly dependent on technology, Cybersecurity is a topic of growing importance. It is crucial that companies and individuals alike take precautions to protect themselves from the growing threat of cyber-attacks and hackers. This course prepares students with crucial skills to be responsible citizens in a digital future. Cybersecurity is designed to expose high school students to the ever-growing and far-reaching field of cybersecurity. This will be accomplished through problem-based learning, where students roleplay as cybersecurity experts. Students are to use what they learn throughout this course to better society and to improve cyberspace for all.

DIGITAL PHOTOGRAPHY - 2-FOR-1

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: Class can fulfill a CTE and/or Fine Arts requirement.

Content: This is an entry-level course designed to teach students photography as an art form. Students will learn: the photographic process, techniques for use of cameras, composing and taking photographs, elements of good photographic design, or digital-produced special effects, and presentation of work. They will be introduced to the digital image workflow from image acquisition and management to printing. Technical skills will be taught in conjunction with the creative process. Students will be instructed using industry-standard processes and software. Students will also have the opportunity to become certified professionals in Adobe Photoshop.

SPORTS AND ENTERTAINMENT MANAGEMENT

Course Length: One Year Open to: 10-12

Considerations: Meets CTE graduation requirement.

Content: In this class, students will learn about the hard business decisions that go into the sports and entertainment events they enjoy in real life. The curriculum will be augmented with both in-person and virtual field trips, guest speakers, as well as industry specific case studies and real-world applications. Employment of entertainment and sports occupations is projected to grow 22 percent from 2020 to 2030, much faster than the average for all occupations. Strong demand from the public for more movies and television shows, as well as the increasing popularity of sports, will contribute to job growth for the entertainment and sports occupations.

Topics include: Event promotions, ticket pricing, stadium operations and staffing, sponsors, concessions, concert booking, and more.

ACCOUNTING I - 2-FOR-1, CTE DUAL CREDIT

Course Length: One Year Open to: 9, 10, 11, 12 *(BBCC credit available)*

Considerations: Class can fulfill a CTE graduation requirement and fourth year of math.

Content: Are you thinking about getting a Business degree or would you like to own your own business one day? Then take Accounting! Using commonly accepted accounting principles the students in this class will learn to keep financial records for a single owner business. Students will: Learn to use the language of business preparing journals, ledgers and financial statements. This is the perfect class to acquire the skills needed for a beginning bookkeeper and will provide a good foundation for college level classes.

BUSINESS COMMUNICATIONS - 2-FOR-1

Course Length: One Year Open to: 11-12

Considerations: This course will fulfill a CTE credit or English credit.

Content: This class is for students that are seriously considering a career in Business & Marketing. Students will learn about business-related writing and communications.

Topics include: business reports and proposals, business presentations, interviews, business etiquette, persuasive messages, and digital media.

INTRO TO COMPUTER SCIENCE - 2-FOR-1, CTE DUAL CREDIT

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: This course will fulfill a CTE credit and third year science credit requirement.

Content: Intro to Computer Science focuses on computer theory, computing problems and solutions, and the design of computer systems and user interfaces from a scientific perspective. Includes instruction in the principles of computational science, computer development and programming, and applications to a variety of end-use situations. Students will apply what they learned using robots and drones.

ECONOMICS - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Considerations: This course will fulfill a CTE and Social Studies credit.

Content: Unlock the basics of economics in this engaging introductory course designed for high school students. Dive into the fundamental concepts of supply and demand, explore how markets function, and understand the role of government in the economy. Through interactive projects and real-world examples, students will learn to view the world through an economic lens, making sense of news headlines and everyday financial decisions. This course lays the groundwork for informed citizenship and introduces the skills necessary for personal financial management.

ENGLISH

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
English 9	ENG101	9-12	1	
Honors English 9	ENG110	9	1	
English 10	ENG201	10-12	1	
Honors English 10	ENG210	10	1	
English 11	ENG301	11-12	1	
Honors English 11	ENG310	11	.5	
English 12	ENG401	12	1	
English 101	ENG500 / ENG501	11-12	1	5
English 102	ENG501	11-12	1	5
Survey of Literature	ENG320	11-12	1	
ESL English	ENGEL1	9-12	1	
Business Communications	BUSEN1	11-12	1	

ENGLISH 9

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: This course introduces literature from a variety of genres. Grammar and composition are linked throughout the year.

Content: Conventions and Vocabulary. Grammar- the basic parts of speech in the English language. Composition. Literature-basic elements of short stories, novels, poetry, drama, and non-fiction.

Students will: Participate in small and large group discussions; write, revise, and edit compositions; prepare for the Smarter Balanced Assessment. Learn how to unite and edit sentences and organize paragraphs and compositions. Use the library. Learn to identify theme, plot, setting and other basic ideas necessary to understanding literature.

HONORS ENGLISH 9

Course Length: One Year Open to: 9

Prerequisites: Students selected through an application process. Students must have earned a C or higher in their previous English course.

Considerations: Extensive reading in the anthology required. A major goal of the class is to provide enriched learning opportunities for the advanced student.

Content: Besides the 9th grade anthology, additional novels/non-fiction selections will be studied. The course also includes additional composition and vocabulary study.

Student will: Complete the requirement for English 9 as well as a more in-depth coverage of composition, literature and vocabulary.

ENGLISH 10

Course Length: One Year Open to: 10, 11, 12

Prerequisites: English 9

Considerations: This course will introduce world literature in various genres and historical periods. Grammar and composition are linked throughout the year.

Content: SBA preparation and world literature

Students will: Participate in small and large group discussions. Learn how to write, revise and edit compositions. Preparation for the SBA is an essential piece of the course.

HONORS ENGLISH 10

Course Length: One Year Open to: 10

Prerequisites: Students selected through an application process

Considerations: Extensive reading in the anthology required. A major goal of the class is to provide enriched learning opportunities for the advanced student.

Content: Besides the 10th grade anthology, additional novels/non-fiction selections will be studied. The course also includes additional composition and vocabulary study.

Students will: Complete the requirement for English 10 as well as a more in-depth coverage of composition, literature and vocabulary. Reduced SBA preparation over normal 10th English.

ENGLISH 11

Course Length: One Year Open to: 11, 12

Prerequisites: English 10

Considerations: This is a survey course of American literature from the 19th century through the 20th century. Grammar and composition are linked to the literature throughout the year.

Content: Compositions, including grammar and usage, vocabulary, spelling, punctuation; speech; reading and analyzing American literature beginning with early America to the present (short drama, essays, poetry and novels).

Students will: Achieve an acceptable level of competency in the above listed areas.

HONORS ENGLISH 11

Course Length: Semester Open to: 11

Prerequisites: Students selected through application process.

Considerations: Taken in conjunction with American Literature 245. Extensive reading in American literature required. A major goal of the class is to provide enriched learning opportunities for the advanced student.

Content: An overview of American literature beginning with 19th century America to the present, including six novels. The course also includes composition and extensive vocabulary study.

Students will: Complete the requirement for English 11 as well as a more in-depth coverage of composition, literature, and vocabulary.

ENGLISH 12

Course Length: One Year Open to: 12

Prerequisites: English 11

Considerations: This course will focus on a sampling of significant writing from Great Britain. Grammar and composition will be linked to the reading throughout the year.

Content: British literature (Beowulf to the present). Vocabulary, grammar, mechanics usage review. Composition, research techniques and paper.

Students will: Read and analyze various literary forms and genres. Write five paragraph essays. Write one full-length research paper. Participate relevantly and appropriately in small and large group discussions.

HONORS ENGLISH 12

Course Length: One Year Open to: 12

Prerequisites: Students have passed English 11 or equivalent with a C or higher.

Considerations: Extensive reading in British literature required. A major goal of the class is to provide enriched learning opportunities for the advanced student.

Content: This course will include oral presentations as well as a more in-depth study of literature and extensive writing opportunities.

Student will: Complete the requirements for English 12 as well as a more in-depth coverage of composition and literature.

ENGLISH 101 - COLLEGE IN THE HIGH SCHOOL

Course Length: One Semester Open to: 11, 12

(BBCC credit available)

Prerequisites: English 10 (Student must have earned a B or higher to qualify for this course)

Considerations: Fulfillment or partial fulfillment of most colleges' English composition requirements.

Content: English composition, Persuasive writing, elements of composition. Writing about literature.

Students will: Write and critique many short papers on a variety of topics. Write and critique many short essays about literary works, which will include film as well as written pieces.

ENGLISH 102 - COLLEGE IN THE HIGH SCHOOL

Course Length: One Semester Open to: 11, 12

(BBCC credit available)

Prerequisites: ENGLISH 101

Considerations: Fulfillment or partial fulfillment of most colleges' English composition requirements.

Content: English composition, Persuasive writing, elements of composition. Writing about literature.

Students will: Write and critique many short papers on a variety of topics. Write and critique many short essays about literary works, which will include film as well as written pieces.

SURVEY OF LITERATURE

Course Length: One Year Open to: 11, 12

Content: This is a moderately-paced, multicultural, and multidisciplinary course that will cover American and British literature, Native American literature, African American literature, Latinx literature, world literature, world mythology, drama, creative writing, poetry, media (movies, etc.) and research methods over the course of the two-year cycle.

Students will: Write in a variety of formats and will be expected to participate in group projects and presentations as well as working independently on student-selected materials. Since this is a cycled course, students can enroll for their 11th grade year, 12th grade year, or both. No prerequisites.

ESL ENGLISH

Course Length: One Year Open to: 9, 10, 11, 12

Prerequisites: Must be identified as an ELL student. Admission is by invitation only.

Content: This course is designed to build the oral English skills of non-native speakers of English in order to prepare for academic work in English. This is a beginning listening and speaking course and includes practice in group interaction, public speaking and listening comprehension.

BUSINESS COMMUNICATIONS - 2-FOR-1

Course Length: One Year Open to: 11-12

Considerations: This course will fulfill a CTE credit or English credit.

Content: This class is for students that are seriously considering a career in Business & Marketing. Students will learn about business-related writing and communications.

Topics include: business reports and proposals, business presentations, interviews, business etiquette, persuasive messages, and digital media.

FAMILY & CONSUMER SCIENCES

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
Independent Living	HFL106	9-10	1	
Teaching Academy	HFLTA1	10-12	1	3-6
Foods	HFL300	10-12	1	
Early Childhood Education	HFLEC1	10-12	1	12
Fabric Arts	HFLFA1	10-12	1	
Fabric Arts II		10-12	1	
Tiger Tale Cafe	HFL310	11-12	1	
Worksite Learning	BUSWL1	10-12	1-2	

INDEPENDENT LIVING

Course Length: One Year Open to: 9, 10

Considerations: Meets CTE graduation requirement.

Content: A full year introductory class designed to acquaint students with multiple areas of home and family life. Units include: financial and career planning, food & nutrition, child development & baby care, and sewing & apron construction.

Students will: Engage in projects including: keeping a financial record, filling out a job application, cooking (and eating), caring for RealCare electronic baby, and sewing an apron.

TEACHING ACADEMY - CTE DUAL CREDIT

Course Length: One Year, Can be taken for 2 years Open to: 10, 11, 12 (BBCC credits available)

Prerequisites: Application and instructor approval required.

Considerations: Meets CTE graduation requirement. Up to 6 college credits from Big Bend Community College available.

Content: If you want to work with children in your future, this is the class for you! Teaching Academy/Careers in Education is a 180-hour course designed to give students the “total teaching experience.” The first 90 hours of instruction take place in a traditional classroom setting. During this time, students complete observations in local elementary, junior, and senior high schools. It is through these observations that students begin to understand the differences in grade levels, development, and teaching styles. At the conclusion of the first 90 hours, students are placed with mentor teachers that match their grade and subject interest. During the second 90 hours they receive the practical, hands-on experience to complement their academic training. Teaching Academy/Careers in Education is a college level course and offers the opportunity to earn college credit and/or waivers at colleges and universities in Washington State.

Students will: Have hands on opportunities to work with children and teachers. Students learn about and explore learning theories and styles, teaching methods, and classroom management.

FOODS

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Independent Living

Considerations: Meets CTE graduation requirement. Food Handler's Permit certification.

Content: This hands on course is designed to familiarize students with nutrition, kitchen safety and food preparation, as well as planning and preparing food for special events. Units include: nutrition, food safety, quick breads and yeast breads, meat and poultry, appetizers, cake decorating and food presentation.

Students will: Demonstrate food handling and preparation techniques, plan and prepare foods for class competitions, and use a variety of kitchen equipment.

EARLY CHILDHOOD EDUCATION: TIGER CUB PRESCHOOL - CTE DUAL CREDIT

Course Length: One Year, can be taken three times Open to: 10, 11, 12 *(BBCC credits available)*

Prerequisites: Independent Living (recommended)

Considerations: Meets CTE graduation requirement.

Big Bend Community College Credits Available: ECED 105- 5 Credits, ECED 107- 5 Credits, ECED 120- 2 Credits

Content: Students work with children in an onsite preschool.

Students will: Receive an overview of the foundations of early childhood education. Examine theories defining the field, issues and trends, best practices, and program models. Observe children, professionals, and programs in action. Develop knowledge and skills to ensure good health, nutrition, and safety of children in group care and education programs. Recognize the signs of abuse and neglect, responsibilities for mandated reporting, and available community resources. This course will provide the student an opportunity to apply best practice for engaging in nurturing relationships with children in an early learning setting. Focus on keeping children healthy and safe while promoting growth and development.

FABRIC ARTS - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Independent Living

Considerations: Class can fulfill a CTE and/or Fine Arts requirement.

Content: Students will learn about the textile industry as they create individual sewing project. Students will apply principles and elements of design, experiment with sewing equipment and learn about sewing construction, fashion and different types of fabrics.

FABRIC ARTS II - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Independent Living or Fabric Arts I

Considerations: Class can fulfill a CTE and/or Fine Arts requirement.

Content: Students will learn about the outdoor recreation textile industry as they create individual sewing projects. Students will apply principles of elements of design, experiment with sewing equipment, and learn about sewing construction, outdoor fashion apparel and designers, and different types of activewear and high performance fabrics.

WORKSITE LEARNING

Course Length: One Year Open to: 10-12 *(By Application Only)*

Prerequisites: Qualifying CTE class

Considerations: Meets CTE graduation requirement.

Content: Earn a CTE credit by working! Worksite Learning provides students the opportunity to learn in the workplace, while applying skills and knowledge obtained in a qualifying CTE class. Worksite Learning occurs at a qualified worksite outside the classroom in fulfillment of a student's career and educational plan. There is no class to attend. Students are responsible for securing their own employment at a qualified worksite.

TIGER TAIL CAFE (ADVANCED FOODS)

Course Length: One Year Open to: 11, 12

Considerations: Class can fulfill a CTE or Elective requirement.

Prerequisites: Foods

Content: Units covered include: Food safety (food handler's card), menu planning, customer service, food preparation, marketing

Students will: Develop an understanding of the hospitality industry and career opportunities in the field. They will demonstrate food handling and preparation techniques. They will prepare food for events and weekly sales. They will prepare specialty cake and cookie orders. They will plan and prepare food in class competition that will be judged. All students will have the opportunity to run the Tiger Tail Cafe Espresso Stand.

WORLD LANGUAGES

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
Spanish I	FLN165	9-11	1	
Spanish II	FLN265	10-12	1	
Spanish 102	FLN400	11-12	1	5
Spanish 103	FLN401	11-12	1	5
Hispanic Culture A	FLN4S1	9-12	1	
Hispanic Culture B	FLN4S2	9-12	1	
Historia Del Mundo Hispano	FLN590 / FLN591	10-12	1	

SPANISH I

Course Length: One Year Open to: 9, 10, 11

Prerequisites: C average or better in English recommended. No to little Spanish experience. Native Spanish-Speakers need to enroll in Hispanic Culture A/B. Must pass first semester to continue with second semester.

Content: Spanish I will introduce students to speaking, listening, writing, and reading skills. Though conversational skills are emphasized, a considerable amount of written work will be done to reinforce oral work. Classroom work will be supplemented by flash cards, games, a cultural research project, skits and dialogues.

Considerations: Two consecutive years of the same foreign language strongly recommended for college preparation, required by many four-year universities. *Class of 2019 & Beyond graduation requirements: 2 years of world language required unless replaced with a personal pathway course plan. If a freshman, a C or better in all middle school academic classes is highly recommended for success in this course.

Students will: Demonstrate control of the sound system in listening and speaking Spanish. Understand the language when spoken with the content scope of this level. Carry on a simple conversation. Read aloud a familiar text. Write with correct spelling, grammar and sentence structure. Be required to participate in a variety of class activities.

SPANISH II

Course Length: One Year Open to: 10, 11, 12

Prerequisites: C or better in Spanish I recommended for success rate. Spanish I taken the previous school year (don't skip a year between I and II). Must pass first semester to continue on into second semester.

Content: This course is a continuation of the skills emphasized in Spanish I. New material will be covered at a faster speed and dealt with in greater depth. New verb tenses and common grammatical and idiomatic forms will be introduced. Reading, conversation and writing skills will continue to be emphasized.

Considerations: C grade or better in Spanish I. Can be applied toward college admissions foreign language requirement.

Students will: Demonstrate control of the sound system in listening and speaking activities. Demonstrate comprehension of appropriate verbal and written response. Perform dialogues and skits with fluency. Speak Spanish only in class, on indicated days.

SPANISH 102 - COLLEGE IN THE HIGH SCHOOL

Course Length: Semester Open to: 11, 12

Prerequisites: B- or better in Spanish II or teacher discretion.

Content: Course will focus on the communicative part of the language, plus linguistic skill, and additional verb tenses. The purpose of the oral communication is to bring students to a higher level of speaking proficiency in order to create with the language, participate in more challenging conversations, and learn basic, survival speaking skills. Linguistic skills studied to express feelings and opinions with subjunctive and conditional tenses.

Considerations: Recommended B- grade or better in Spanish II or permission. Students can earn 5 credits from Eastern Washington University.

Students will: Demonstrate control of the sound system in listening and speaking activities. Demonstrate comprehension of appropriate verbal and written response. Complete homework as assigned. Speak only in Spanish with classmates and teacher in class on indicated days. Perform dialogues and skits with fluency. An autobiographical paper will be written in Spanish during the second semester.

SPANISH 103 - COLLEGE IN THE HIGH SCHOOL

Course Length: Semester Open to: 11, 12

Prerequisites: B- or better in Spanish II or teacher discretion. Successfully complete Spanish 102.

Content: Course will focus on the communicative part of the language, plus linguistic skill, and additional verb tenses. The purpose of the oral communication is to bring students to a higher level of speaking proficiency in order to create with the language, participate in more challenging conversations, and learn basic, survival speaking skills. Linguistic skills studied to express feelings and opinions with subjunctive and conditional tenses.

Considerations: Recommended B- grade or better in Spanish II or permission. Students can earn 5 credits from Eastern Washington University.

Students will: Demonstrate control of the sound system in listening and speaking activities. Demonstrate comprehension of appropriate verbal and written response. Complete homework as assigned. Speak only in Spanish with classmates and teacher in class on indicated days. Perform dialogues and skits with fluency. An autobiographical paper will be written in Spanish during the second semester.

HISPANIC CULTURE A

Course Length: One Year Open to: 9, 10, 11, 12

Prerequisites: Recommended for Native Spanish-Speakers. Students must be fluent in Spanish and have a good working knowledge of the English Language or teacher discretion. Must pass first semester to continue with second semester.

Content: Course will focus on oral and written communication in both English and Spanish, as well as the study of verb tenses. The purpose of the oral and written communication is to further develop the students' proficiency in translating from one language to another. Study of verb tenses will bring students to a higher level of proficiency in grammatically correct usage in written communication. A variety of material will be covered at a challenging rate and more in depth. Grammatically correct usage of the language will be strongly emphasized.

Considerations: Recommended fluency in Spanish/English languages, including reading and writing skills. Can be applied towards college admissions foreign language requirement.

Students will: Demonstrate control of the sound system in listening and speaking activities in English and Spanish. Demonstrate comprehension of appropriate verbal and written response in both languages. Complete assignments/projects as directed in a timely manner. Speak in the Spanish language with classmates and teacher in class, unless otherwise instructed.

HISPANIC CULTURE B

Course Length: One Year Open to: 9, 10, 11, 12

Prerequisites: Recommended for Native Spanish-Speakers. Students must be fluent in Spanish and have a good working knowledge of the English Language or teacher discretion. Must pass first semester to continue with second semester.

Content: Course will focus on oral and written communication in both English and Spanish, as well as the study of verb tenses. The purpose of the oral and written communication is to further develop the students' proficiency in translating from one language to another. Study of verb tenses will bring students to a higher level of proficiency in grammatically correct usage in written communication. A variety of material will be covered at a challenging rate and more in depth. Grammatically correct usage of the language will be strongly emphasized.

Considerations: Recommended fluency in Spanish/English languages, including reading and writing skills. Can be applied towards college admissions foreign language requirement.

Students will: Demonstrate control of the sound system in listening and speaking activities in English and Spanish. Demonstrate comprehension of appropriate verbal and written response in both languages. Complete assignments/projects as directed in a timely manner. Speak in the Spanish language with classmates and teacher in class, unless otherwise instructed.

HISTORIA DEL MUNDO HISPANO, 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Recommended for Native Spanish-Speakers. Students must be able to understand Spanish, speak it, and have a good working knowledge of the English Language or be enrolled at teacher discretion.

Content: First semester will focus on Pre-Columbian history as well as the discovery of, conquest of, and the independence movements of Latin America. Second semester will focus on dictators, democracy, and the current political climate of Latin America and also look at Spain's history from ancient times to modern times.

Considerations: Recommended fluency in Spanish/English languages, including reading and writing skills. Class can fulfill a Foreign Language and/or World Studies requirement.

Students will: Use Spanish to learn about hispanic history through reading, writing, listening, and speaking activities. Improve their ability to communicate in Spanish. Expand their Spanish vocabulary and grammar knowledge. Understand how the history of Spanish-speaking countries influences today's politics in those countries and the United States.

HEALTH & FITNESS

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
Physical Education I	PED190	9	.5	
Health	HTHMO1	9	.5	
Physical Education II	PED280	10-12	1	
Weight Training	PED229	10-12	1	
Lifetime Fitness	PED225	10-12	1	
Racquet Sports / Lifetime Sports	PED240	10-12	1	
Sports Skills & Conditioning	PED235	10-12	1	

HEALTH

Course Length: One Semester Open to: 9

Considerations: Required for graduation.

Content: A very informative, student-oriented class geared to current issues for all teenagers. Self-confidence, nutrition, fitness, drugs, mental health, teen parents and pregnancy, STDS/AIDS, contraception, decision-making, and refusal skills are a few of the major topics covered and discussed in this class.

Students will: Have open class discussions. Bring current events and issues to class, participate and share experiences and feelings, role-play, be involved with projects and reports, and take quizzes.

LIFETIME FITNESS

Course Length: One Year Open to: 10, 11, 12

Content: Students will explore a healthy physical lifestyle through a variety of activities. These activities would include but not limited to walking, yoga, aerobics, circuit training, and lifelong activities, Students will also learn the importance of creating a lifetime fitness plan for their future. This class fulfills either one semester of Health or one semester of PE.

WEIGHT TRAINING

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Physical Education I

Considerations: Meets year 2 of P.E. requirement.

Content: Students will learn weight training techniques, concepts, and safety while increasing muscular strength and endurance during participation in a group setting.

Students will: Students are required to understand training concepts using the Bigger-Faster-Stronger lifting program. Students will be required to wear school PE uniforms, participate in all activities, and use personal hygiene.

PHYSICAL EDUCATION I

Course Length: One Semester Open to: 9

Considerations: Required for 9th grade.

Content: Students will work towards mastery and skills in a variety of team and individual sports. Students will develop individual fitness and learn to apply the 5 fitness components to their own fitness plans.

Students will: Understand the 5 components of fitness and apply it to their own fitness plan. Students will be required to wear school PE uniforms, participate in all activities, and use personal hygiene.

PHYSICAL EDUCATION II

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Physical Education I

Considerations: Meets year 2 of P.E. requirement.

Content: Students will continue working towards mastery and skills in various team and individual sports. Students will develop individual fitness and learn to apply the 5 fitness components to their own fitness plans.

Students will: Students will be required to wear school PE uniforms, participate in all activities, and use personal hygiene.

RACQUET SPORTS / LIFETIME SPORTS

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Physical Education I

Considerations: Meets year 2 of P.E. requirement.

Content: This course introduces students to racquet sports, fostering skills for lifelong engagement. Emphasis on individual fitness, wellness understanding, and positive personal skills. Covers intermediate skills in various sports like badminton, tennis, pickleball, aerobic walking, fitness, jogging, juggling, yoga, softball, volleyball, water activities, and golf. The instructor may add additional activities.

SPORTS SKILLS AND CONDITIONING/ADVANCED WEIGHTS

Course Length: Semester or One Year Open to: 10, 11, 12

Prerequisites: Physical Education I

Considerations: Meets year 2 of P.E. requirement. Meets during zero hour before school.

Content: GET A JUMP START ON YOUR OPPONENTS! This course is designed for students interested in increasing their cardiovascular fitness level, sport specific skill or overall athletic ability. Specific areas will include but not be limited to: weight training programs, speed explosion programs, skill development, sport specific training, circuit training, conditioning and other student centered programs.

Students will: Actively participate in activities at their own level with the opportunity to set their own fitness, sport, or personal goals. May need your own equipment depending on the skill to be enhanced.

MATH

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
Algebra	MAT101	9-12	1	
Geometry	MAT201	9-12	1	
Advanced Algebra / Trigonometry	MAT210	10-12	1	
Pre-Calculus	MAT310	10-12	1	
Calculus	MAT960	11-12	.5	
Math in Society	MAT107	11-12	1	5
College Pre-Calculus I	MAT141	11-12	1	5
College Pre-Calculus II	MAT142	11-12	1	5
Computer Programming	BUSCP1	10-12	1	
STEM Robotics 101 / 102	MATRB1	11-12	1	
Personal Finance	BUSPF1	11-12	1	
Introduction to Statistics	MAT146	11-12	1	5
Current World Mathematics	MATCW1	11-12	1	
Applied Math	MATAP1	10-12	1	

ALGEBRA

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: State required course for graduation. Algebra is a prerequisite for Chemistry.

Content: The study of equations in one and two variables, functions, graphs, factoring polynomials, square and cube roots, rational numbers and expressions, inequalities, quadratics, radical expressions, lines, exponents, all operation with positive and negative real numbers, and polynomials.

Students will: Have homework most every school day.

GEOMETRY

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: C or better in Algebra recommended. State required course for graduation. Geometry is a four-year college admission prerequisite.

Content: Using deductive reasoning, the students will learn to work with geometric figures and use the properties of polygons in proofs. Most work will be on two dimensional objects (triangles, quadrilaterals, etc.) with select problems in three dimensions. Learn basic constructions, find distances, angle measures, area of most polygons, volumes of most solids, and solve problems relating to right triangles, similar triangles, and circles.

Students will: Have homework most every school day.

PRE-CALCULUS

Course Length: One Year Open to: 10, 11, 12

Prerequisites: B or better in Geometry, and Advanced Algebra Trigonometry.

Considerations: This is a recommended prerequisite to four-year college admission.

Content: An extension of topics covered in Advanced Algebra including coordinate geometry, inequalities, functions, circle and triangle trigonometry, exponents and logarithms, graphs, vectors, complex numbers, sequences and series, probability, curve sketching, matrix algebra, and determinants.

Students will: Have daily homework and provide their own scientific calculator.

CALCULUS

Course Length: One Semester Open to: 11, 12

Requirements: Must complete Math 142, College precalculus

Content: This course will introduce the student to the basic concepts of Calculus. It will give students an appreciation of calculus and its applications in the real world. It will prepare students for future work in mathematics and the sciences. Course includes functions, limits, continuity, derivatives, integration and the application of derivatives and integration.

Student will: have homework most days

CURRENT WORLD MATHEMATICS

Course Length: One Year Open to: 11 - 12

Prerequisite: Geometry

Content: Students will participate in lectures, read the text, and work practice problems while being involved in as much class discussion and exploration as possible. This will give the student an opportunity to develop math skills through investigating real world problems. Topics such as problem solving, historical counting systems, graph theory, sets, cryptography, finance, describing data and probability will be covered.

ADVANCED ALGEBRA / TRIGONOMETRY

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Completion of Algebra and Geometry with a grade of C or above recommended.

Considerations: This is a recommended prerequisite to four-year college admission.

Content: An extension of topics covered in Algebra and Geometry. Linear equations and inequalities, exponents, factoring, radical and rational expressions, quadratic equations, complex numbers, coordinate geometry, functions, function transformations, logarithms, trigonometric laws, formulas, and graphs.

Students will: Have daily homework and provide their own scientific calculator.

INTRO TO STATISTICS - COLLEGE IN THE HIGH SCHOOL

Course Length: Semester Open to: 11, 12

Prerequisites: B+ or better in Algebra II, or Appropriate scores in the BBCC Mathematics Assessment or successful completion of Math 141.

Considerations: Students can earn 5 credits from Big Bend Community College.

Content: An introduction to descriptive statistics, probability and its applications, statistical inference and hypothesis testing, predictive statics, and linear regression.

APPLIED MATH - 2-FOR-1

Course Length: One Year Open to: 10-12

Considerations: Meets CTE graduation requirement & 3rd year math requirement.

Content: This class is for students that are seriously considering a career in Welding/Manufacturing and/or Agriculture. The course will teach practical application of Algebra I as it applies to welding.

MATH IN SOCIETY - COLLEGE IN THE HIGH SCHOOL

Course Length: Semester Open to: 11-12

Prerequisite: BBCC Placement Test or SBA

Considerations: Students can earn 5 credits from Big Bend Community College.

Content: This course will introduce the non-math/science major to mathematical applications in a variety of disciplines.

COLLEGE PRE-CALCULUS I - COLLEGE IN THE HIGH SCHOOL

Course Length: Semester Open to: 11-12

Prerequisite: BBCC Placement Test or SBA

Considerations: Students can earn 5 credits from Big Bend Community College.

Content: This course will present the following concepts: college level algebra, introduction to functions and graphing, the graphs and properties of polynomial, rational, radical, exponential and logarithmic functions.

COLLEGE PRE-CALCULUS II - COLLEGE IN THE HIGH SCHOOL

Course Length: Semester Open to: 11-12

Prerequisite: BBCC Placement Test or SBA

Considerations: Students can earn 5 credits from Big Bend Community College.

Content: In preparation for calculus this is a comprehensive study of trigonometry, circular functions, right triangle trigonometry, analytical trigonometry. Sequences, series and induction are covered.

COMPUTER PROGRAMMING - 2-FOR-1

Course Length: One Year Open to: 10-12

Considerations: Meets CTE requirement or third year of math.

Content: Students will learn computer programming from Microsoft employees. Computer Science is a high demand career field that offers high wages. Students learn program design and basic programming in Java. This course is equivalent to a college-level semester introduction to programming and prepares students for the Advanced Placement Computer Science A exam.

STEM ROBOTICS 101 - 2-FOR-1

Course Length: Semester Open to: 11, 12

Prerequisite: C or higher in both Algebra & Geometry

Considerations: Course will fulfill a math or science credit or CTE credit.

Students will: This STEM Robotics 101 EV3 curriculum is divided into Units, several of which contain Lessons built around the Introduction to Programming LEGO® MINDSTORMS® EV3 curriculum (a.k.a. EV3 Trainer) from Carnegie Mellon University's Robotics Academy. This curriculum is supplemented with lessons on robotics technologies, explicit math and science concepts, and the Engineering Process. This class will cover Units 1-7, culminating with Sumo-Bots.

Units Cover: Gears, circuits/switches, programing, firm/hard/software, graphics, switches and loops, and other robotics topics.

STEM ROBOTICS 102 - 2-FOR-1

Course Length: Semester Open to: 11, 12

Prerequisite: C or higher in STEM Robotics 101

Considerations: Course will fulfill a math or science credit or CTE credit.

Students will: This STEM Robotics 102 EV3 curriculum is divided into Units, several of which contain Lessons built around the Introduction to Programming LEGO® MINDSTORMS® EV3 curriculum (a.k.a. EV3 Trainer) from Carnegie Mellon University's Robotics Academy. This curriculum is supplemented with lessons on robotics technologies, explicit math and science concepts, and the Engineering Process. This is the next course covering Units 8-11, culminating with Advanced Competitive Robots Techniques.

Units Cover: (Extensions of Robo 101) Gears, circuits/switches, programing, firm/hard/software, graphics, switches and loops, and other robotics topics, data wires, synchronization, data logging, Bluetooth, debugging, reliability, and menu systems.

PERSONAL FINANCE - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Considerations: This course can fulfil a Algebra I or Third Year math credit. A class to help prepare all students on how to successfully manage their personal finances and prepare them for life after high school.

Content: Understanding and managing personal finances are key to one's future financial success. The course presents essential knowledge and skills to make informed decisions about real-world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

Topics Covered: Budgeting, Savings, Credit & Debt, Consumer Awareness, Career & College Readiness, Financial Services, Insurance, Income & Taxes, Housing & Real Estate, Investing & Retirement, Global Economics, Resumes, Job Application & Interviews, goals and goal planning, personal traits/career values & interests, scholarship preparation, FAFSA, work ethics and attitudes, health/safety, teamwork/leadership, communication skills, technology, educational philosophy, vision/ mission statements, research of advanced training, letters of recommendation, financial aid, personal finance, taxes.

PERFORMING ARTS

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
Bass Clef	MUS263	9-12	1	
Treble Clef	MUS164	9-12	1	
Concert Choir	MUS260	10-12	1	
Chamber Choir	MUS265	10-12	1	
Harmonia	MUSAM2	10-12	1	
Zimbabwe Marimba	MUS270	10-12	.5	
Symphonic Band	MUS210	9-12	1	
Jazz Band	MUS207	9-12	1	
Percussion Band	MUS205	9-12	1	
Music Appreciation	MUS252	11-12	1	5

BASS CLEF (Tenor and Bass voices, traditionally male students)

Course Length: One Year Open to: 9, 10, 11, 12

Course Fee: Uniform Cleaning TBD.

Considerations: Meets Fine Arts requirement. ASB card required.

Content: A performance and learning oriented class designed to offer experience in a variety of musical styles while learning and reviewing the basic of music and voice technique.

Students will: Memorize a large repertoire of music, participate in a choral festival or choral exchange, learn to improve vocal technique, learn to improve music reading ability, and perform various musical styles form different periods of history. Perform at large group contests. Take tests in rhythm, theory and sight reading. Purchase or make dress apparel appropriate for performances.

TREBLE CLEF (Soprano and Alto voices, traditionally female students)

Course Length: One Year Open to: 9, 10, 11, 12

Course Fee: Uniform Cleaning TBD.

Considerations: Meets Fine Arts requirement. ASB card required.

Content: A performance and learning oriented class designed to offer experience in a variety of musical styles while learning and reviewing the basic of music and voice technique.

Students will: Memorize a large repertoire of music, participate in a choral festival or choral exchange, learn to improve vocal technique, learn to improve music reading ability, and perform various musical styles form different periods of history. Perform at large group contests. Take tests in rhythm, theory and slight reading. Purchase or make dress apparel appropriate for performances.

CONCERT CHOIR

Course Length: One Year Open to: 10, 11, 12

Course Fee: Uniform Cleaning TBD

Prerequisites: Previous music experience is preferred. Teacher approval only.

Considerations: Meets Fine Arts requirement. ASB card required.

Content: Concert Choir is a performance and learning oriented class designed to offer an intermediate experience in a variety of musical styles, languages, and time periods while learning and reviewing music theory and voice techniques. The Concert Choir performs at many different school events, civic events, concerts, and festivals throughout the year. Consistent attendance and participation is expected.

Students will: Perform at festivals and concerts during the year. Have the opportunity to participate in honor choir, solo/ensemble festival, All-State and All-Northwest Festivals. Take tests in theory and voice part accuracy. Purchase or make dress apparel appropriate for performances. Memorize a large repertoire of music of various musical styles, from different languages. Learn to improve vocal technique, and music theory skills.

CHAMBER CHOIR

Course Length: One Year Open to: 10, 11, 12

Course Fee: Uniform Cleaning TBD

Prerequisites: One year in high school choir. Audition with the choir instructor. Teacher approval only.

Considerations: Meets Fine Arts requirement. ASB card required.

Content: Chamber Choir is a performance and learning-oriented class designed to offer advanced experience in a variety of musical styles, languages, and time periods while learning and reviewing music theory and voice techniques. The Chamber Choir performs at many different school events, civic events, concerts, and festivals throughout the year. Consistent attendance and participation is expected.

Students will: Perform at festivals and concerts during the year. Have the opportunity to participate in honor choir, solo/ensemble festival, All-State and All-Northwest Festivals. Take tests in theory and voice part accuracy. Purchase or make dress apparel appropriate for performances. Memorize a large repertoire of music of various musical styles, from different time periods, and in different languages. Learn to improve vocal technique, and music theory skills.

HARMONIA

Course Length: One Year Open to: 10, 11, 12

Prerequisites: One year in high school choir. Audition with the choir instructor. Teacher approval only. Must be enrolled in either Concert Choir or Chamber Choir.

Considerations: Meets Zero Hour before school.

Content: "Harmonia" is a performance and learning-oriented class designed to offer advanced experience in a variety of musical styles, languages and time periods. Students in this class will refine their vocal techniques, proficiency in sight-reading and understanding and application of music theory concepts. This highly select ensemble will perform at many different school events, civic events, concerts and festival throughout the year. Consistent attendance and participation is expected.

Students will: Perform in a variety of different venues for a variety of different audiences. Have the opportunity to participate in honor choir, All-State, and All-Northwest Festival. Participate in Solo/Ensemble festival. Take tests in theory and voice part accuracy. Memorize a large repertoire of various musical styles and genres from different time periods and in different languages. Improve vocal technique and sight-reading. This group may be gone on over night trips.

ZIMBABWE MARIMBA

Course Length: Semester Open to: 10, 11, 12

Considerations: Course is taken in conjunction with Music Appreciation. Limited space available.

Content: During this course, students will learn to play Zimbabwe style marimbas, which are a diatonic “xylophone” type instrument with wood bars. These instruments come in many different sizes and voicings.

Students will: Learn the fundamentals of sight reading, mallet technique, and accurate rhythmic execution. Our marimba band will participate in at least two community performances.

MUSIC APPRECIATION - COLLEGE IN THE HIGH SCHOOL

Course Length: Semester Open to: 11, 12

Considerations: Course is taken in conjunction with Zimbabwe Marimba.

Content: Music Appreciation is a course designed for students who have not had formal study in music or who wish to supplement performance experience with formal study in structure and history. Emphasis is placed on repeated listening experiences to acquire a thorough knowledge of selected works of music literature. Students may receive 5 college humanities credits from Big Bend Community College.*Must be registered for the entire year.

SYMPHONIC BAND

Course Length: One Year Open to: 9, 10, 11, 12

Course Fee: Uniform Cleaning TBD

Prerequisites: Previous instrumental experience preferred.

Considerations: Meets Fine Arts requirement.

Content: Band is a large group ensemble open to all traditional wind instruments, emphasizing performance through a variety of styles. Performances are focused into three areas: concert, marching and pep band. The band performs at a variety of school and civic functions during the year. Consistent attendance and participation is expected.

Students will: Perform at four major school concerts, at home football games, in at least 12 basketball games, in at least 3 major parades, and in a Regional Large Group Festival. Have the opportunity to participate in honor bands, solo/ensemble festival, drum major camp, etc. Play occasional in-class tests. Learn to perform in a variety of musical styles and idioms. Improve in individual and group performance skills.

JAZZ BAND

Course Length: One Year Open to: 10, 11, 12

Course Fee: Uniform Cleaning TBD

Prerequisites: Audition with band instructor. Students are required to enroll in concert band (unless they play guitar, bass or piano). Teacher approval only.

Considerations: Meets Fine Arts requirement.

Content: Jazz Ensemble is a performance-oriented class. Jazz band performs many times during the year at school, civic and regional events. Jazz Band students learn a wide variety of music and technique, including: swing, Latin, ballad, jazz/rock, blues, and improvisation.

Students will: Perform at major school concerts, travel for at least one music festival, play occasional in-class tests, perform at various times throughout the community, and improve in individual and group musicianship.

PERCUSSION ENSEMBLE

Course Length: One Year Open to: 9, 10, 11, 12

Course Fee: Uniform Cleaning TBD

Prerequisites: Audition with band instructor. Teacher approval only.

Considerations: Meets Fine Arts requirement.

Students will: Perform at four major school concerts, at home football games, in at least 12 basketball games, in at least 3 major parades, and in a Regional Large Group Festival. Have the opportunity to participate in honor bands, solo/ensemble festival. Play occasional in-class tests. Learn to perform in a variety of musical styles and idioms. Improve in individual and group performance skills.

SCIENCE

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
Biology	SCI090	9	1	
Biology 100	SCI830/831	9-12	1	5
Human Biology 170	SCI501	11-12	1	5
Medical Terminology	SCI502	11-12	1	5
Earth and Space Science	SCI110	10-12	1	
Environmental Science	SCI810/811	10-12	1	5
Chemistry	SCI201	10-12	1	
Chemistry 110	SCI820/830	10-12	1	5
Physics	SCI310	10-12	1	
Intro to Health Science Careers	SCICA1	9-12	1	
Nutrition	SCI820/821	11-12	1	5
Crops and Livestock	AGR264	10-12	1	
Intro to Ag Science	AGR630	9-10	1	
Horticulture	AGR685	10-12	1	
Natural Resources	AGR680	10-12	1	
Animal Science	AGR620	10-12	1	
Viticulture	AGR900	9-12	1	
Intro to Aviation	AVI100	9-12	1	
Intro to Computer Science	BUSCS1	9-12	1	
Cybersecurity	BUS220	10-12	1	
Sports Medicine I/II	SCI900	10-12	1	

BIOLOGY

Course Length: One Year **Open to:** 9

Considerations: This class can fulfill a partial graduation requirement for science and better prepare students for advanced science classes.

Content: Students will use scientific reasoning to investigate science concepts in the field of biology, such as; cells, energy, genetics, biological systems, and ecology. The course will involve lab investigations, group discussions, team collaboration and evaluations. This inquiry science course is required for all 9th grade students.

Students will: Complete activities, assignments, and labs on each unit, be involved in activities and experiments, take notes, participate in class lectures, maintain a class notebook, and take tests and quizzes.

BIOLOGY 100 - COLLEGE IN THE HIGH SCHOOL

Course Length: Semester Open to: 9, 10, 11, 12

Prerequisites: Completion of High School Algebra with a B or better

Considerations: High school lab science credit. A study of basic biological principles common to living organisms. Topics of study include scientific thinking, basic chemistry, cell structure and membrane transport, energy, and cell pathways, DNA and gene expression, chromosomes and cell division, genes and inheritance, evolution, and natural selection. Related investigations take place in a required lab.

Content: Complete activities, assignments, and labs on each unit, be involved in activities and experiments, take notes, participate in class lectures, maintain a class notebook, and take tests and quizzes.

HUMAN BIOLOGY 170 - COLLEGE IN THE HIGH SCHOOL

Course Length: Semester Open to: 10, 11, 12

Considerations: High school lab science credit. Recommended for college prep health services occupations and science majors. Taken in conjunction with Medical Terminology. Students can earn 5 credits from Big Bend Community College. Course can also fulfill .5 CTE credit.

Content: This course offers a broad overview of the human body. Topics of study include: unifying biological principles such as basic cell chemistry, cell biology, and metabolism, as well as the biology of selected human systems. Issues related to human biology will also be examined.

MEDICAL TERMINOLOGY - COLLEGE IN THE HIGH SCHOOL, 2-FOR-1

Course Length: Semester Open to: 10, 11, 12

Considerations: Recommended for college prep health services occupations and science majors. Taken in conjunction with Human Biology. Students can earn 5 credits from Big Bend Community College. Course can also fulfill .5 CTE credit.

Content: This course offers a broad overview of the fundamentals of medical terminology. Topics covered include prefixes, suffixes, combining forms, word roots, abbreviations, and basic human anatomy and physiology as they pertain to all major body structures and functions.

EARTH AND SPACE SCIENCE

Course Length: One Year Open to: 10, 11, 12

Considerations: This class can fulfill a partial graduation requirement for science and better prepare students for advanced science classes.

Content: Earth and Space Science is the study of the formation of the Earth, internal processes of the Earth, weather and climate, and human impact on the Earth, as well as the formation and action of the Sun and stars, and the expansion of the Universe. This course will involve lab investigations, group discussions, team collaboration and evaluations.

Students will: Complete activities, assignments and labs on each unit, be involved in activities and experiments, take notes, participate in class lectures, maintain a class notebook, and take tests & quizzes.

ENVIRONMENTAL SCIENCE 100 - COLLEGE IN THE HIGH SCHOOL

Course Length: One Year Open to: 10, 11, 12

Considerations: This class can fulfill a partial graduation requirement for science and better prepare students for advanced science classes.

Content: An introduction to the fundamental principles of environmental science, topics of study include some of the following: environmental, science, and information literacy, human population growth, environmental health, ecological economics and consumption, solid waste, ecosystems, and nutrient cycling, population and community ecology, evolution and extinction, biodiversity and preserving biodiversity, freshwater resources and water pollution, food resources and sustainable agriculture, coal and petroleum, air pollution and climate change, nuclear power, alternative energy sources, environmental policy, and urbanization and sustainable communities.

Students will: Complete activities, assignments and labs on each unit, be involved in activities and experiments, take notes, participate in class lectures, maintain a class notebook, and take tests & quizzes.

CHEMISTRY

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Algebra

Considerations: Medicine, engineering or other scientific fields. Meets science requirement for graduation. May be needed for college entrance.

Content: Chemistry is the study of the composition, structure and properties of matter and the changes it undergoes. Matter and its basic parts, atoms, are studied in detail. The periodic table is examined and explained. Chemical bonding, formulas, equations and reactions are studied through reading, problems and experiments. Gases, liquids, solids and solutions are investigated. Acids, bases and their reactions are described in detail. Finally, reaction energy and equilibrium are defined and studied.

Students will: Spend about one-third of the time on lab work, have reading and problem assignments, learn lab technique, analyze data obtained in the lab, write chemical reactions and balance equations, use the periodic table to predict reactions, and learn solubility of chemicals.

CHEMISTRY 110 - COLLEGE IN THE HIGH SCHOOL

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Current enrollment in Algebra 2 or higher, instructor recommendation, and approval

Considerations: Medicine, engineering or other scientific fields. Meets science requirement for graduation. May be needed for college entrance.

Content: This course will provide a basic introduction to chemical principles as they apply to the structure and behavior of matter, emphasizing examples and applications from everyday life. This course can prepare students with a limited chemistry background who are planning to pursue further chemistry courses.

Students will: Spend about one-third of the time on lab work, have reading and problem assignments, learn lab technique, analyze data obtained in the lab, write chemical reactions and balance equations, use the periodic table to predict reactions, and learn solubility of chemicals.

PHYSICS

Course Length: One Year Open to: 11, 12

Prerequisites: Algebra and Geometry

Considerations: Geared toward college-bound students interested in STEM careers or related fields.

Content: Physics is the study of forces and energy in the natural world. Students will come to understand these forces through the application of math, hands-on activities and laboratory situations. Labs may include engineering projects which would include design, building, testing and modifying of projects to learn about forces and energy. A large portion of this course will include collecting and interpreting data using mathematical concepts and processes.

Students will: Spend about one-third of the time on lab work, have short reading and problem assignments, collect and interpret data, organize and evaluate information, work in groups with other students, and participate in class discussions and decision-making topics.

INTRO TO HEALTH SCIENCE CAREERS, 2-FOR-1

Course Length: One Year Open to: 9-12

Considerations: CTE or science credit.

Content: Introduction to Health Science is the foundational course for all Health Science. This course will enable students to receive initial exposure to the many Health Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

INTRO TO AG SCIENCE - 2-FOR-1

Course Length: One Year Open to: 9, 10

Considerations: CTE or Lab Science credit. Also a great option for freshmen wanting to participate in FFA.

Content: This hands-on course introduces students to through activity based learning to Animal Science, Plant Science, Natural Resources, and FFA. The course is structured to enable all students to experience an overview of the fields of agricultural science and natural resources so that students may continue through a sequence of courses throughout high school. Agriculture is the top employment sector in Grant County and holds many career opportunities

Students will: Complete lessons focused on the introduction to agriculture in and out of the classroom, on the school farm, using in the greenhouse and other areas that support agriculture to support hands-on agriculture.

HORTICULTURE - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Considerations: CTE or science requirement, Biology Equivalent

Content: Horticulture feeds the world! This class will study the growth and survival of plants ultimately growing them in the greenhouse. Specific units of instruction will include: plant classification, basic plant science, plant growth, soil, and the basics of growing agricultural crops. Students will also work in the greenhouse to raise plants for the annual Ephrata High School FFA plant sale.

Students will: Explore topics concerning the growth and development of plants by student lab experience and class discussion.

NATURAL RESOURCES - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Considerations: CTE or science requirement, Biology Equivalent

Content: Do you love the outdoors? Are you an avid fisherman, hunter, hiker or just enjoy nature? This class is for all of those who want to explore the great outdoors, lakes, wildflowers, native plants, forests, wildlife, rangeland, soil and much more. Explore in a hands on approach how people's interactions with the natural world impact all that is around them. There is even a chance to make a fishing pole!

Students will: Work on labs within the classroom, also, utilize the outdoor areas that Ephrata has to offer that support Natural Resources.

ANIMAL SCIENCE - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Considerations: CTE or science credit requirement - Biology Equivalent.

Content: Animal science will focus on the science, care, and handling of AGRICULTURAL animals that will include sheep, pigs, goats, llamas, beef, rabbits, horses, poultry, and aquaculture. Students will have hands on experience working with these animals under supervision at the school barn. The course will begin with general anatomy and physiology and then take a closer look at individual agriculturally important animals.

VITICULTURE - 2-FOR-1

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: Meets CTE or lab science requirement.

Content: Have you ever wondered how to grow grapes instead of just eating them? Do you want to learn about how Food Science, the Production of Grapes, their products, and Agribusiness are all tied together? The Viticulture class will focus on growing grapes in a vineyard, grape production, the food science viticulture concepts, soil, pest management, and the business/marketing of vineyard production. Come take a science based hands-on approach to these topics while being a part of an actual live vineyard growing popular grapes for our region. This is one of the largest growing industries in Grant County with lots of job opportunities!

INTRO TO AVIATION - 2-FOR-1

Course Length: One Year Open to: 9-12

Considerations: Meets CTE graduation requirement and science requirement.

Content: Introduction to Aviation is an exploratory course in technology and aviation careers. Students study the principles of flight, aircraft and aircraft systems, flight environment, meteorology, radio communications, flight planning, aircraft performance, accident prevention, FAA regulations, Navigation, introduction to drones, post-accident survival, and the human body in flight. Upon completion of the course, interested students will have learned valuable information to prepare them to take the FAA private pilot written exam.

INTRO TO COMPUTER SCIENCE - 2-FOR-1

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: This course will fulfill a CTE credit and science credit requirement.

Content: Intro to Computer Science focuses on computer theory, computing problems and solutions, and the design of computer systems and user interfaces from a scientific perspective. Includes instruction in the principles of computational science, computer development and programming, and applications to a variety of end-use situations. Students will apply what they learned using robots and drones.

CYBERSECURITY - 2-FOR-1

Course Length: One Year Open to: 10-12

Considerations: Meets CTE or Science graduation requirement. Recommended completion of Computer Science/Computer Programming but not required. This course introduces students to the many aspects of Cybersecurity. Certification Available.

Content: As our world becomes increasingly dependent on technology, Cybersecurity is a topic of growing importance. It is crucial that companies and individuals alike take precautions to protect themselves from the growing threat of cyber-attacks and hackers. This course prepares students with crucial skills to be responsible citizens in a digital future. Cybersecurity is designed to expose high school students to the ever-growing and far-reaching field of cybersecurity. This will be accomplished through problem-based learning, where students roleplay as cybersecurity experts. Students are to use what they learn throughout this course to better society and to improve cyberspace for all.

CROPS AND LIVESTOCK - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Completion of Animal Science or Horticulture.

Considerations: CTE or Science credit. This course will allow students to advance their crops and livestock production knowledge and experience. Course concepts will include herd/flock management, animal reproduction, livestock evaluation & selection, animal products, value added agriculture and crop production. Course concepts will be applied at the school farm via the FFA sheep flock and experimenting with specialty crops. The final goal of this course will allow students to enjoy the fruits of their labor with a farm to table experience.

Students will: Participate in lessons that will take the student out of the classroom, and onto the school farm for practical learning while working with crops and animals.

NUTRITION - COLLEGE IN THE HIGH SCHOOL

Course Length: One Year Open to: 11, 12

Prerequisites: Completion of High School Biology with a B or better or Biology 100 with a 2.0 or higher recommended.

Content: This introductory course in nutrition will focus on current ideas in nutrition and areas of research. This class will present information on the chemistry and the biological function of nutrients in the body. Diseases associated with an excess or deficit in nutrients will also be explored. Students will better understand some impacts of food choices on a personal level.

SPORTS MEDICINE I - 2-FOR-1

Course Length: One year Open to: 10,11, 12

Considerations: CTE & Science Credit

Prerequisites: None

Content: Sports Medicine is designed for students interested in fields such as athletic training, physical therapy, medicine, fitness, physiology of exercise, kinesiology, nutrition, and other sports medicine-related fields. Sports Medicine includes class work and hands-on application in: anatomy & physiology, prevention, treatment, rehabilitation, taping & wrapping, first aid/CPR.

SPORTS MEDICINE II - 2-FOR-1

Course Length: One year Open to: 11,12

Considerations: CTE & Science Credit

Prerequisites: Sports Medicine I

Content: Sports Medicine II is designed for students who have completed Sports Medicine I and are interested in fields such as athletic training, physical therapy, medicine, fitness, physiology of exercise, kinesiology, nutrition, and other sports medicine-related fields. Sports Medicine includes class work and hands-on application in anatomy & physiology, prevention, treatment, rehabilitation, taping & wrapping, first aid/CPR. This class will dive deeper into the topics than what was covered in the previous course. This course will involve job shadowing opportunities in settings such as Physical Therapy, Chiropractic, and General Health care.

SOCIAL STUDIES

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
World History	SOC202	10	1	
U.S. History	SOC301	11	1	
College U.S. History 136	SOC136	11-12	1	5
College U.S. History 137	SOC137	11-12	1	5
Contemporary World Problems/Civics	SOC401	12	1	
Introduction to U.S. Politics	SOC502	12	1	5
Global Issues	SOC501	12	1	4
Historia Del Mundo Hispano	FLN590	10-12	1	

WORLD HISTORY

Course Length: One Year Open to: Required 10

Considerations: Required for 10th grade.

Content: This course is designed to introduce the student to the world at large. Emphasis will be on various periods of world history (i.e.: Renaissance and Reformation, Age of Revolutions, World Conflicts). Students will trace the emergence of western cultures, as well as political and economic systems in world history. Also, an emphasis will be placed upon geography.

Students will: Read in basic textbook, make neat and accurate maps, read maps, take quizzes, have daily assignments and homework, complete unit projects (Classroom Based Assessments), and take notes.

U.S. HISTORY

Course Length: One Year Open to: Required 11

Considerations: Required for 11th grade.

Content: The study of the political, economic, military, and social development of the United States. This includes how the U.S. was settled, its expansion, the frontier, World War II, 1950's, Vietnam, 70's and current events.

Students will: Take notes, have weekly written assignments, read, write papers three to six pages long, take tests, and complete a Classroom Based Assessment.

HISTORIA DEL MUNDO HISPANO - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Recommended for Native Spanish-Speakers. Students must be able to understand Spanish, speak it, and have a good working knowledge of the English Language or be enrolled at teacher discretion.

Considerations: Recommended fluency in Spanish/English languages, including reading and writing skills. Students can receive equivalency credit in foreign language and World Studies by taking this class.

Content: First semester will focus on Pre-Columbian history as well as the discovery of, conquest of, and the independence movements of Latin America. Second semester will focus on dictators, democracy, and the current political climate of Latin America and also look at Spain's history from ancient times to modern times.

Students will: Use Spanish to learn about hispanic history through reading, writing, listening, and speaking activities. Improve their ability to communicate in Spanish. Expand their Spanish vocabulary and grammar knowledge. Understand how the history of Spanish-speaking countries influences today's politics in those countries and the United States.

COLLEGE U.S. HISTORY 136 - COLLEGE IN THE HIGH SCHOOL

Course Length: One Semester Open to: 11, 12

Considerations: Fulfills high school history requirement for 11th grade. Student gains 5 Big Bend Community College credits for completion of class. Prerequisites: Placement into English 101 or SBA

Content: Examination of the development of early complex societies, paying particular attention to the following themes: Nation Building, Voice, Freedom, Community, Race and Gender. Scope of course will cover from the Reformation in Europe to the Civil War in American history, including colonization, introduction of slavery, the Revolutionary and Early National Period, the development of political parties, nationalism, sectionalism, and the Civil War.

Students will: Sit through lectures on course material, read texts outside of class, participate in online discussion forums with peers, write a 3-5 page research paper, take three midterms and one final examination, take quizzes.

COLLEGE U.S. HISTORY 137 - COLLEGE IN THE HIGH SCHOOL

Course Length: One Semester Open to: 11, 12

Considerations: Fulfills high school history requirement for 11th grade. Student gains 5 Big Bend Community College credits for completion of class.

Prerequisites: Placement into English 101 or SBA

Content: Examination of the development of early complex societies, paying particular attention to the following themes: Nation Building, Voice, Freedom, Community, Race and Gender. Scope of course will cover from the end of the Civil War to present day, including Reconstruction, the Gilded Age, America's rise to a world power, World War I, the triumph of Modernism, the Depression and New Deal, World War II, the Cold War, the turbulent 1960s, disillusioned '70s and the Reagan Revolution. More recent events are examined as ongoing and current events.

Students will: Sit through lectures on course material, read texts outside of class, participate in online discussion forums with peers, write a 3-5 page research paper, take three midterms and one final examination, take quizzes.

GLOBAL ISSUES - COLLEGE IN THE HIGH SCHOOL

Course Length: Semester Open to: 12

Considerations: Meets Social Studies graduation requirement. Students can earn 4 credits from Eastern Washington University.

Content: A survey of important large-scale issues and conditions which are active in the contemporary world. Included are global perspectives of ecological issues as well as social/economic issues.

Students will: Read from college textbook, answer reflection questions, complete quizzes, a midterm, final test, participate in discussions, debates, complete research paper on a contemporary issue.

CONTEMPORARY WORLD PROBLEMS (CWP)

Course Length: One Year Open to: Required 12

Considerations: Required for 12th grade.

Content: Personal laws relative to origin of laws, Bill of Rights, criminal law, rehabilitation, the court system. Study of the Middle Eastern part of the world including the Israel/Palestine conflict, geography, an exploration of foreign governments and their economic systems-more specifically looking at China and North Korea, United States Foreign Relation Policies and Constitutional Issues, Current Human Rights, Failing Nation and Environmental Issues. Also a study of events through current events through news magazines and online resources are included.

Students will: Hand in weekly articles, take notes, complete weekly assignments, role-play, listen to guest speakers, and take tests and write essays. Also, will complete projects and presentations, as well as a Classroom Based Assessment. Also will complete the Senior Paper, which is a requirement for passing the course.

INTRODUCTION TO U.S. POLITICS - COLLEGE IN THE HIGH SCHOOL

Course Length: Semester Open to: 12

Considerations: Meets Social Studies graduation requirement. Students can earn 5 credits from Eastern Washington University.

Content: A general introduction to the concepts, methods and concerns involved in the study of government, this course discusses fundamental ideas such as power, ideology and constitutionalism; the citizen role in democratic politics; the structure and processes of major governmental institutions; and selected areas of policy making. Emphasizes the comparison of the American political system with that of other major, chiefly democratic, systems.

Students will: Read from college textbook, answer reflection questions, complete quizzes, 6 tests, a final test and research paper. Participation in discussion and debates are required.

SKILLED & TECHNICAL

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
Construction I	TAI707	9-12	1	
Construction II/III	TAI755	10-12	1	
Engineering Technology I	TAIE1	9-12	1	
Wood Technology	TAIWC1	9-12	1	
Worksite Learning	BUSWL1	10-12	1-2	
Intro to Aviation	AVI100	9-12	1	

CONSTRUCTION I

Course Length: One Year Open to: 9-12

Considerations: Meets CTE graduation requirement.

Prerequisites: Technical Drafting

Content: Learn the tricks of the construction trade. This course deals with basic carpentry construction techniques. It will cover the use of hand tools, the basic setups of power machines, and identification and use of tools used in the construction trade. Drawing Techniques learned in beginning drafting will be used to draw out student projects in which students will be able to build the projects they design.

Student will: Draw an object to proper size and scale and work as a reproduction person. Use hand and power tools safely in the construction of student projects.

CONSTRUCTION II

Course Length: One Year Open to: 10-12

Prerequisites: Beginning Drafting and Construction 1

Considerations: Meets CTE graduation requirement.

Content: One day the time will come when you want to build your own house. This class deals with the advanced processes involved in carpentry and construction. Students will learn basic floorplan reading, as well as how to construct your own floorplans for proper house plan layouts. Students will also learn basic residential electrical wiring, how a house is wired, how a circuit panel is wired, and how to correctly wire up 3-way switches according to code. Students will apply the knowledge of house construction in a project during 2nd semester by building a shed to house codes.

Student will: Learn carpentry and construction procedures used in the construction industry.

ENGINEERING TECHNOLOGY I

Course Length: One Year Open to: 9-12

Considerations: Meets CTE graduation requirement.

Content: This class is designed for students that are interested in a career in engineering, construction, business, or design. The course will include a general study of the relationships between math, science, business, the arts, and engineering. We will examine the factors that affect design, professional ethics, how data drives decisions, and how to work with a diverse group of individuals. The course will be project driven. The projects will include making detailed plans and cost analysis. This is an introductory level class design around student interest. Past projects include: trebuchets, mouse trap cars, alternate fuel rockets, and truss designs.

WOOD TECHNOLOGY

Course Length: One Year Open to: 9-12

Prerequisites: None

Considerations: Meets CTE graduation requirement.

Content: Wood Technology provides students with the knowledge to safely operate and maintain both hand and power tools as well as woodworking machines. Throughout the year, students will complete several projects while learning the identification and use of tools, woods, and basic joinery and finishing techniques. Emphasis is placed on safety, responsibility, and work ethic. Upon completion of the course requirements, a quality project worthy of display is required (Fine arts show).

WORKSITE LEARNING

Course Length: One Year Open to: 10-12 *(By Application Only)*

Prerequisites: Qualifying CTE class

Considerations: Meets CTE graduation requirement.

Content: Earn a CTE credit by working! Worksite Learning provides students the opportunity to learn in the workplace, while applying skills and knowledge obtained in a qualifying CTE class. Worksite Learning occurs at a qualified worksite outside the classroom in fulfillment of a student's career and educational plan. There is no class to attend. Students are responsible for securing their own employment at a qualified worksite.

INTRO TO AVIATION - 2-FOR-1

Course Length: One Year Open to: 9-12

Considerations: Meets CTE graduation requirement and third year science requirement.

Content: Introduction to Aviation is an exploratory course in technology and aviation careers. Students study the principles of flight, aircraft and aircraft systems, flight environment, meteorology, radio communications, flight planning, aircraft performance, accident prevention, FAA regulations, Navigation, introduction to drones, post-accident survival, and the human body in flight. Upon completion of the course, interested students will have learned valuable information to prepare them to take the FAA private pilot written exam.

VISUAL ARTS

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
Art I	ART212	10-12	1	
Art II	ART223	10-12	1	
Advanced Art	ART446	10-12	1	
Digital Photography	BUSDP1	9-12	1	
Graphic Design	BUSGA1	9-12	1	
Yearbook	YBK401	9-12	1	
Broadcast Digital Media	BUSDM1	9-12	1	
Fabric Arts	HFLFA1	10-12	1	
Floriculture	AGR687	9-12	1	

ART I

Course Length: One Year Open to: 10, 11, 12

Considerations: Follow with painting for careers involving illustration, advertising, drafting, calligraphy, animation, cartooning, museology and biological illustration.

Content: The course will consist of assignments that teach the use of contrast, values, proportion, perspective, and composition. Use of charcoal, pencil, conte', pen and ink, and some painting will be included. Distortion and realistic representation in illustration, cubism, surrealism, and reflection in glass and metal will be covered. Also, figure drawing, human and wildlife illustration, portraiture, tessellations, pastel, and advanced techniques in illustration will be included.

Students will: Buy (9 x 12" OR 11 x 14") sketch pad or use school paper. Attempt all assignments given. Create the illusion of a three dimensional surface on a two-dimensional plane. Stipple, cross-hatch, and use a still-life topic. Observe reflection. Create optical illusions using shading and proportion to distort the image. Abstract objects and use techniques in pastel, charcoal, and conte'. Model for class occasionally (optional). Work on large 18" X 24" paper. Illustrate with attention to proportions, contrast, perspective, and values. Shade in color and black and white. Observe the environment accurately. Characterize and create cartoon images.

ART II

Course Length: One Year Open to: 10, 11, 12

Considerations: meets the Fine Arts requirement and is recommended for students who enjoy hands-on work or want to develop these skills. It is crucial for students to participate in and attempt all projects to fully benefit from the course as various styles and techniques will be covered.

Content: Taught in a traditional studio style, students will learn the fundamentals of design and sculpture, as well as art and painting through the ages. In design, topics covered include color theory, advertising, commercial art and graphics, printmaking, interior design, typography, logo design, fashion design, and more. Sculpture will cover three-dimensional design, kinesthetic learning, lamination techniques, casting with various materials, and more. In art and painting, styles studied will include Impressionism, Expressionism, Surrealism, Pop Art, realism, and contemporary and modern Art styles. The course will also cover the history of painting portraits, board painting, and painting on stretched canvas.

Student will: Participate and attempt every painting. Learn many of the different styles of painting in history. Learn about color theory, and discover your style in art. Learn how to study and critique a painting. Learn the difference between formal and abstract styles of painting. Clean and maintain a workable environment, preserving brushes and produce the best work possible.

ADVANCED ART

Course Length: One Year Open to: 10, 11, 12

Prerequisites: At least one year of Art I or Art II

Considerations: Seattle Art Institute, Cornish, or any art career institution that requires a complete portfolio. This course will provide the serious art student the flexibility to try a wide variety of media. Many universities and colleges require portfolios for placement in visual art fields. Scholarship applications for visual arts may also require a portfolio.

Content: A one year course written by the student to suit individual interests and will be built to challenge the student's abilities. The course will be based on the student's individual needs and strengths. The classroom instructor will monitor progress and be available to facilitate at all times. Daily and weekly grades will be given based on success with the curriculum.

Students will: Be on task at all times. Try a wide variety of media. Solve problems creatively. Be self-motivated. Achieve personal goals. Assemble a portfolio. Tailor a course to one's career interests.

DIGITAL PHOTOGRAPHY - 2-FOR-1

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: Class can fulfill a CTE and/or Fine Arts requirement.

Content: This is an entry-level course designed to teach students photography as an art form. Students will learn: the photographic process, techniques for use of cameras, composing and taking photographs, elements of good photographic design, or digital-produced special effects, and presentation of work. They will be introduced to the digital image workflow from image acquisition and management to printing. Technical skills will be taught in conjunction with the creative process. Students will be instructed using industry-standard processes and software. Students will also have the opportunity to become certified professionals in Adobe Photoshop.

FLORICULTURE - 2-FOR-1

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: CTE or Art Credit

Content: The "Floral Design" content will introduce students to art concepts intertwined with the arranging of flowers. There will be introductions into design history, floral identification, industry knowledge, art concepts, and usage of various tools. Each month there will be a specific arrangement created to demonstrate the artistic content that was specially focused on. There will be many opportunities to create and work with flowers throughout this course!

Students will: Explore topics in floral design and floral industry management. Topics will be covered in lab experiences, class discussions, and activities (i.e. Make many floral arrangements).

GRAPHIC DESIGN - 2-FOR-1

Course Length: One Year Open to: 9, 10, 11, 12

Considerations: Class can fulfill a CTE and/or Fine Arts requirement. Basic computer literacy skills required.

Content: Graphic Design is a year-long, project-based curriculum that develops career and communication skills in print and graphic design. A focus on the elements of design is at the foundation of the course. It will integrate photography, graphic design, desktop publishing, web and video production and advertising. Students will learn primarily Photoshop and Illustrator and have the opportunity to become an Adobe Certified Associate in Visual Communications. Projects will be real-world design opportunities that may include an introduction to the advertising environment.

BROADCAST AND DIGITAL MEDIA - 2-FOR-1

Course Length: One Year Open To: 9, 10, 11, 12

Considerations: Class can fulfill a CTE and/or Fine Arts requirement.

Content: This one-year course is designed for the study and practice of the basic elements of broadcast and photo journalism and video production. The course will emphasize news-gathering, writing, video recording, editing, and the study of mass media, photography and broadcast technology. Students will learn the basic elements of news value and vocabulary specific to broadcast writing. They will also identify various news sources and use interview skills to create stories using video and editing software. This course also explores the world of digital video and television production. Students learn on professional equipment in a modern digital TV studio. Students work in collaborative teams to produce projects using cameras, while learning the basics of studio and field production, lighting and sound. The course also is an introduction to the digital world via livestream technology, podcasts and web development.

YEARBOOK - 2-FOR-1

Course Length: One Year Open to: 9, 10, 11, 12

Prerequisites: On Approval

Course Fee: \$30.00 (ASB Card)

Considerations: Class can fulfill a CTE and/or Fine Arts requirement. Graphic Design prerequisite strongly recommended but not required. Student must fill out an application. Students in yearbook 3 years will receive an activity cord at graduation.

Content: The Ephrata High School yearbook is a year-long, project-based class that develops career, and communication skills in photography, journalism, publishing techniques, graphic design, copywriting, and editing. The yearbook staff will produce a creative, innovative yearbook that records student memories and events. Students in the yearbook class are the leaders and decision-makers of Ephrata High School. Students will acquire skills including project management, photography, journalism, graphic design, and publishing while creating the high school yearbook and other printed and digital publications, such as event programs and our online newspaper. Certifications will be offered in Adobe Photoshop and InDesign.

Students will: Acquire skills including project management, photography, journalism, graphic design and publishing while creating the high school yearbook and other printed and digital publications.

FABRIC ARTS - 2-FOR-1

Course Length: One Year Open to: 10, 11, 12

Prerequisites: Independent Living

Considerations: Class can fulfill a CTE and/or Fine Arts requirement.

Content: Students will learn about the textile industry as they create individual sewing project. Students will apply principles and elements of design, experiment with sewing equipment and learn about sewing construction, fashion and different types of fabrics.

SPECIAL EDUCATION

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
SE Math 23	SEMAT2	9-12	1	
SE Math 45	SEMAT4	9-10	1	
SE Access Algebra	SEMAA1	9-10	1	
SE Consumer Math	SEMCM1	11-12	1	
SE Biology	SESCI0	9-12	1	
SE Civics	SESDC5	9-12	1	
SE World Studies	SESOC7	9-12	1	
SE Guided Studies	SEGUI	9-12	1	
SE Social Emotional Skills	SESEL1	9-12	1	
SE Post-Secondary Transition	SEPST1	12	1	
SE English 9	SEE100	9	1	
SE English 10	SEE200	10	1	
SE English 11	SEE300	11	1	
SE English 12	SEE400	12	1	

SE MATH 23

Course Length: One year Open to: 9-12

Considerations: Students must qualify for special education services in math. Teacher recommendation required.

Content: Develop an understanding of: (a) multiplication and division within 100; (b) unit fractions; (c) area; and (d) two-dimensional shapes.

Students will: Prepare to take the Off Grade Level SBA Math assessment.

SE MATH 45

Course Length: One year Open to: 10, 11, 12

Considerations: Students must qualify for special education services in math. Teacher recommendation required.

Content: Develop an understanding of: (a) addition, subtraction, multiplication, and division of fractions; (b) multi-digit division, decimal fractions, and operations with decimals to hundredths; and (c) volume.

Students will: prepare to take the Off Grade Level SBA Math assessment.

SE ACCESS ALGEBRA

Course Length: One year Open to: 9, 10

Considerations: Students must qualify for special education services in math. Teacher recommendation required.

Content: Focus on foundational high school algebra skills. Descriptive Statistics, Exponents/Scientific Notation, Linear Functions, Quantitative Reasoning.

Students will: Prepare to take the Off Grade Level SBA Math assessment.

SE CONSUMER MATH

Course Length: One year Open to: 11, 12

Considerations: Students must qualify for special education services in math. Teacher recommendation required.

Content: Applying math skills to real world situations. When students complete this course, they are prepared to survive on their own financially in the real world.

SE ENGLISH 9

Course Length: One year Open to: 9

Considerations: Students must qualify for support education services in reading and/or writing. Teacher recommendation required.

Content: Coursework consists of Common Core aligned skills in English to support students' individual access to general education classes. The curriculum meets the criteria for state assessments. Introductory lessons for life, work, and career readiness.

SE ENGLISH 10

Course Length: One year Open to: 10

Considerations: Students must qualify for support education services in reading and/or writing. Teacher recommendation required.

Content: Coursework consists of Common Core aligned skills in English to support students' individual access to general education classes. The curriculum meets the criteria for state assessments. Intermediate lessons for life, work, and career readiness.

SE ENGLISH 11

Course Length: One year Open to: 11

Considerations: Students must qualify for support education services in reading and/or writing. Teacher recommendation required.

Content: Common Core aligned skills in English to support students' access to general education classes. The focus is on 21st-century digital skills and workplace competency which fosters creative and critical thinking skills to promote self-learning in the classroom and the workplace.

SE ENGLISH 12

Course Length: One year Open to: 12

Considerations: Students must qualify for support education services in reading and/or writing. Teacher recommendation required.

Content: Common Core aligned skills in English to support students' access to general education classes. The focus is on 21st-century digital skills and workplace competency skills to promote self-learning in the classroom and the workplace.

Students will: Work on transitional lessons for work, career readiness, CTE pathway vocabulary, and post-secondary independence skills.

SE BIOLOGY

Course Length: One year Open to: 9-12

Qualifications: Students must qualify for special education services in reading, writing or math. Teacher recommendation required.

Content: Nature of Science, Intro to Life Science - Lab Safety and Science Inquiry Skills, Principles of Ecology, Population Dynamics, Cell Structure and Function, Photosynthesis, Cell Processes and Energy, Mendel and Heredity, Modern Genetics, Changes Over Time and Classification, The Microbial World, Plants, Animal Diversity: Invertebrates, Animal Diversity: Vertebrates, Human Body Part I-II.

SE CIVICS

Course Length: One semester Open to: 10, 11, 12

Qualifications: Students must qualify for special education services in reading or writing. Teacher recommendation required.

Content: Content is based on general education civics standards. This is a highly modified civics class.

SE WORLD STUDIES

Course Length: One semester Open to: 10, 11, 12

Qualifications: Students must qualify for special education services in reading or writing. Teacher recommendation required.

Content: Content is based on general education world studies standards. This is a highly modified world studies class.

SE GUIDED STUDIES

Course Length: One semester Open to: 9-12

Considerations: Students must qualify for special education services in social/ emotional or adaptive. Teacher recommendation required.

Content: Designated class period for completing general education assignments with support and assistance from special education staff.

Students will: Complete assignments, track grades and missing assignments, organize time and prioritize assignments.

SE SOCIAL-EMOTIONAL SKILLS

Course Length: One year Open to: 9-12

Considerations: Students must qualify for special education services in social/ emotional or adaptive. Teacher recommendation required.

Content: Students explore how to navigate the world of adolescence; the choices to be made, pros and cons. This class includes guided conversation about current school activities, manners, and acceptable behavior.

SE POST-SECONDARY TRANSITION

Course Length: One year Open to: 12, or final year of high school

Qualifications: Students must qualify for special education services and have a teacher recommendation.

Content: School to work connections and training for postsecondary transition to work, technical school, or community college settings. Collaboration with local businesses, community colleges, and service agencies to support self-management beyond high school.

OTHER OFFERINGS

COURSE TITLE	COURSE CODE	GRADE	HIGH SCHOOL CREDIT	COLLEGE CREDITS
Peer Tutor	HSTUT2	10-12	.5	
ASB	ASB400	10-12	.5	
AVID 9	AVD90	9	1	
AVID 10	AVD101	10	1	
AVID 11	AVD111	11	1	
AVID 12	AVD121	12	1	
AVID Tutor	TUTAV1	10-12	1	
DNA	OCDNA1	9-12	n/a	
Seminary	OCRES1	9-12	n/a	
Tutor (Grant, CR, PKW, MS)	See Appendix	10-12	.5	
Worksite Learning	BUSWL1	10-12	1-2	

PEER TUTOR

Course Length: One Year Open to: 10, 11, 12

Considerations: Teacher approval required. Regular attendance, willingness to work with handicapped peers, and ability to follow directions is required.

Content: Opportunity to work with special needs students.

Students will: Work with special needs students, individually or in small groups, under direction of special education staff. May help develop academic, vocational, personal management, and/or leisure skills.

ASB

A class offered for students to work on ASB activities. *(By Election Only)*

(AVID) ADVANCED VIA INDIVIDUAL DETERMINATION

Course Length: One Year Open to: 9, 10, 11, 12 *(By Application Only)*

Considerations: Students must apply and be accepted.

Content: AVID is an elective class where students learn organizational and study skills, work on critical thinking and asking probing questions, get academic help from peers and college tutors, and participate in enrichment and motivational activities that make college attainable. The AVID curriculum is based on rigorous standards and is driven by the WICOR (writing, inquiry, collaboration, organization and reading) method.

AVID TUTOR

Open to: 10, 11, 12

Content: Students taking this course have a leading role in giving back to younger AVID students.

Duties include: Peer tutoring, conducting tutorials, grading binders, planners. Most importantly you are in an environment that supports your studies and classwork as well.

HIGH SCHOOL COURSES IN MIDDLE SCHOOL

A student who has completed high school courses prior to 9th grade shall be given the option of earning high school credit if the course is equivalent to a course offered at the high school and was taken at an accredited institution.

CB TECH SKILLS CENTER

CB Tech is an extension of Ephrata High School providing students access to comprehensive, industry-defined programs, apprenticeships, and advanced education/training in specific fields. See a counselor for more information.

RUNNING START

Open to: 11, 12

<https://www.bigbend.edu/i-am/running-start/>

Running Start is a program available to juniors and seniors and is an opportunity for students to attend a community or technical college while in high school. Students enrolled in the program receive high school and college credit for each Running Start class. Students have the option of dividing their academic program between Ephrata High School and Big Bend Community College, or they may attend the college full-time.

Running Start offers students the opportunity to seek additional academic challenges or to take courses not available at the high school and allows students to:

- Begin earning college credits while in high school. A full time Running Start student can complete up to two years of college work in 100 level (or higher) courses by the end of the senior year of high school.
- Take college classes tuition-free. Students are responsible for costs for books, fees, supplies and transportation.
- Grades from Running Start classes are computed into the high school grade point average.
- Running Start credits may not be accepted as college credits by some independent or out-of-state colleges. Some independent institutions in Washington will determine which, if any, Running Start credits they will accept as college credits.
- Prior to college registration, school district advising and approval/certification of student programs is required.

Running Start Course Equivalency to Ephrata High School

Check with the high school counselors about classes offered at Big Bend Community College that may be used as substitutions for Ephrata High School courses to meet EHS graduation requirements.

- Credit Conversion- 5 credits @ Big Bend= 1 credit @ EHS

DNA*

Off campus religious education.

www.dnaacademy.org

**Not affiliated with Ephrata High School*

SEMINARY*

Off campus religious education. Zero high school credit offered.

**Not affiliated with Ephrata High School*

WORKSITE LEARNING

Course Length: One Year Open to: 10-12 *(By Application Only)*

Prerequisites: Qualifying CTE class

Considerations: Meets CTE graduation requirement.

Content: Earn a CTE credit by working! Worksite Learning provides students the opportunity to learn in the workplace, while applying skills and knowledge obtained in a qualifying CTE class. Worksite Learning occurs at a qualified worksite outside the classroom in fulfillment of a student's career and educational plan. There is no class to attend. Students are responsible for securing their own employment at a qualified worksite.

COURSE APPENDIX

Agriculture

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
Intro to Ag Science	AGR630	9-10	1		CTE & Science Credit
Horticulture	AGR685	10-12	1		CTE & Science Credit
Floriculture	AGR687	9-12	1		CTE & Art Credit
Animal Science	AGR620	10-12	1		CTE & Science Credit
Welding / Metal Shop I	AGR671	9-12	1	2-6	CTE Dual Credit
Welding / Metal Shop II	AGR672	10-12	1	2-6	CTE Dual Credit
Worksite Learning	BUSWL1	10-12	1-2		By application only
Applied Math	MATAP1	10-12	1		CTE & Math Credit
Natural Resources	AGR680	10-12	1		CTE & Science Credit
Viticulture	AGR900	10-12	1		CTE & Science Credit
Crops & Livestock	AGR624	10-12	1		CTE & Science Credit

Business

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
Accounting I	BUS537	9-12	1	5	CTE & Math Credit, CTE Dual Credit
Personal Finance	BUSPF1	11-12	1		CTE & Math Credit
Career Choices / Micro Apps I	BUS554 / BUS555	9-12	1	14	CTE Dual Credit
Graphic Design	BUSGA1	9-12	1		CTE & Art Credit
Worksite Learning	BUSWL1	10-12	1-2		By application only
Intro to Computer Science	BUSCS1	9-12	1		CTE & Science Credit
Yearbook	YBK401	10-12	1		CTE & Art Credit
Imagine Academy	BUSIA1	10-12	1	12	CTE Dual Credit
Intro to Business & Marketing	BUSPR1	9-12	1		
Broadcast & Digital Media	BUSDM1	9-12	1		CTE & Art Credit
Business Communications	BUSEN1	11-12	1		CTE & English Credit
Video Game Design	BUSVG1	10-12	1		
Cyber Security	BUS220	10-12	1		CTE & Science Credit
Digital Photography	BUSDP1	9-12	1		CTE & Art Credit
Sports & Entertainment Mgmt	BUS601	10-12	1		
Economics		10-12	1		CTE & Social Studies Credit

English

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
English 9	ENG101	9-12	1		
Honors English 9	ENG110	9	1		By application only
English 10	ENG201	10-12	1		
Honors English 10	ENG210	10	1		By application only
English 11	ENG301	11-12	1		
Honors English 11	ENG310	11	.5		By application only
English 12	ENG401	12	1		
English 101	ENG500 / ENG501	11-12	1	5	College in the High School
English 102	ENG501	11-12	1	5	College in the High School
Survey of Literature	ENG320	11-12	1		
ESL English	ENGEL1	9-12	1		Must be identified as an ELL Student, by invitation only
Business Communications	BUSEN1	11-12	1		CTE & English Credit

Family & Consumer

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
Independent Living	HFL106	9-10	1		
Teaching Academy	HFLTA1	10-12	1	3-6	By application only, CTE Dual Credit
Foods	HFL300	10-12	1		
Early Childhood Education	HFLEC1	10-12	1	12	CTE Dual Credit,
Fabric Arts	HFLFA1	10-12	1		CTE & Art Credit
Worksite Learning	BUSWL1	10-12	1-2		By application only
Tiger Tale Cafe	HFL310	11-12	1		
Fabric Arts II		10-12	1		

World Languages

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
Spanish I	FLN165	9-11	1		
Spanish II	FLN265	10-12	1		
Spanish 102	FLN400	11-12	1	5	College in the High School
Spanish 103	FLN401	11-12	1	5	College in the High School
Hispanic Culture A	FLN4S1	9-12	1		
Hispanic Culture B	FLN4S2	9-12	1		
Historia Del Mundo Hispano	FLN590 / FLN591	10-12	1		

Health & Fitness

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
Physical Education I	PED190	9	.5		
Health	HTHMO1	9	.5		
Physical Education II	PED280	10-12	1		
Weight Training	PED229	10-12	1		
Lifetime Fitness	PED225	10-12	1		
Racquet Sports / Lifetime Sports	PED240	10-12	1		
Sports Skills & Conditioning	PED235	10-12	1		

Math

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
Algebra	MAT101	9-12	1		
Geometry	MAT201	9-12	1		
Advanced Algebra / Trigonometry	MAT210	10-12	1		
Pre-Calculus	MAT310	10-12	1		
Calculus	MAT960	11-12	.5		
Math in Society	MAT107	11-12	1	5	College in the High School
College Pre-Calculus I	MAT141	11-12	1	5	College in the High School
College Pre-Calculus II	MAT142	11-12	1	5	College in the High School
Computer Programming	BUSCP1	10-12	1		CTE & Math Credit
STEM Robotics 101 / 102	MATRB1	11-12	1		CTE & Math or Science Credit
Personal Finance	BUSPF1	11-12	1		CTE & Math Credit
Introduction to Statistics	MAT146	11-12	1	5	College in the High School
Current World Mathematics	MATCW1	11-12	1		
Applied Math	MATAP1	10-12	1		CTE & Math Credit

Performing Arts

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
Bass Clef	MUS263	9-12	1		
Treble Clef	MUS164	9-12	1		
Concert Choir	MUS260	10-12	1		
Chamber Choir	MUS265	10-12	1		
Harmonia	MUSAM2	10-12	1		
Zimbabwe Marimba	MUS270	10-12	.5		
Symphonic Band	MUS210	9-12	1		
Jazz Band	MUS207	9-12	1		
Percussion Band	MUS205	9-12	1		
Music Appreciation	MUS252	11-12	1	5	College in the High School

Science

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
Biology	SCI090	9	1		
Biology 100	SCI830/831	9-12	1	5	College in the High School
Human Biology 170	SCI501	11-12	1	5	College in the High School
Medical Terminology	SCI502	11-12	1	5	College in the High School, CTE & Science Credit
Earth and Space Science	SCI110	10-12	1		
Environmental Science	SCI810/811	10-12	1	5	College in the High School
Chemistry	SCI201	10-12	1		
Chemistry 110	SCI820/830	10-12	1	5	College in the High School
Physics	SCI310	10-12	1		
Intro to Health Science Careers	SCICA1	9-12	1		CTE & Science Credit
Nutrition	SCI820/821	11-12	1	5	College in the High School
Crops and Livestock	AGR264	10-12	1		CTE & Science Credit
Intro to Ag Science	AGR630	9-10	1		CTE & Science Credit
Horticulture	AGR685	10-12	1		CTE & Science Credit
Natural Resources	AGR680	10-12	1		CTE & Science Credit
Animal Science	AGR620	10-12	1		CTE & Science Credit
Viticulture	AGR900	9-12	1		CTE & Science Credit
Intro to Aviation	AVI100	9-12	1		CTE & Science Credit
Intro to Computer Science	BUSCS1	9-12	1		CTE & Science Credit
Cybersecurity	BUS220	10-12	1		CTE & Science Credit
Sports Medicine I/II	SCI900	11-12	1		CTE & Science Credit

Social Studies

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
World History	SOC202	10	1		
U.S. History	SOC301	11	1		
College U.S. History 136	SOC136	11-12	1	5	College in the High School
College U.S. History 137	SOC137	11-12	1	5	College in the High School
Contemporary World Problems (CWP)	SOC401	12	1		
Introduction to U.S. Politics	SOC502	12	1	5	College in the High School
Global Issues	SOC501	12	1	4	College in the High School
Historia Del Mundo Hispano	FLN590	10-12	1		

Skilled & Technical

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
Construction I	TAI707	9-12	1		
Construction II / II	TAI755	10-12	1		
Engineering Technology I	TAIE1	9-12	1		
Wood Technology	TAIWC1	9-12	1		
Worksite Learning	BUSWL1	10-12	1-2		By application only
Intro to Aviation	AVI100	9-12	1		CTE & Science Credit

Visual Arts

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
Art I	ART212	10-12	1		
Art II	ART223	10-12	1		
Advanced Art	ART446	10-12	1		
Digital Photography	BUSDP1	9-12	1		CTE & Art Credit
Graphic Design	BUSGA1	9-12	1		CTE & Art Credit
Yearbook	YBK401	9-12	1		CTE & Art Credit
Broadcast Digital Media	BUSDM1	9-12	1		CTE & Art Credit
Fabric Arts	HFLFA1	10-12	1		CTE & Art Credit
Floriculture	AGR687	9-12	1		CTE & Art Credit

Special Education

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
SE Math 23	SEMAT2	9-12	1		Students must qualify
SE Math 45	SEMAT4	9-10	1		Students must qualify
SE Access Algebra	SEMAA1	9-10	1		Students must qualify
SE Consumer Math	SECM1	11-12	1		Students must qualify
SE Biology	SESCI0	9-12	1		Students must qualify
SE Civics	SESDC5	9-12	1		Students must qualify
SE World Studies	SESOC7	9-12	1		Students must qualify
SE Guided Studies	SEGUI	9-12	1		Students must qualify
SE Social Emotional Skills	SESEL1	9-12	1		Students must qualify
SE Post-Secondary Transition	SEPST1	12	1		Students must qualify
SE English 9	SEE100	9	1		Students must qualify
SE English 10	SEE200	10	1		Students must qualify
SE English 11	SEE300	11	1		Students must qualify
SE English 12	SEE400	12	1		Students must qualify

Other Offerings

COURSE TITLE	COURSE CODE	GRADE	HS CREDIT	COLLEGE CREDITS	CONSIDERATIONS
Peer Tutor	HSTUT2	10-12	.5		Teacher approval required
ASB	ASB400	10-12	.5		By election only
AVID 9	AVD90	9	1		By application only
AVID 10	AVD101	10	1		By application only
AVID 11	AVD111	11	1		By application only
AVID 12	AVD121	12	1		By application only
AVID Tutor	TUTAV1	10-12	1		By application only
DNA	OCDNA1	9-12	n/a		Not affiliated with Ephrata High School)
Seminary	OCRES1	9-12	n/a		Not affiliated with Ephrata High School)
Tutor (Grant, CR, PKW, MS)	See Appendix	10-12	.5		
Worksite Learning	BUSWL1	10-12	1-2		By application only

Ephrata School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of a trained dog guide or service animal 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: Bryan Johnson, Title IX Coordinator, 333 4th Avenue, (509) 754-5285 bjohnson@ephrataschools.org, Jamie Bessette, 504/ADA Coordinator, 501 C Street NW, (509) 754-3538 jbessette@ephrataschools.org, Sharon Scellick, Civil Rights Compliance Coordinator, 111 4th Ave. NW, (509) 754-5881, sscellick@ephrataschools.org, David Laird, Harassment, Intimidation and Bullying Coordinator, 333 4th Avenue, (509) 754-5285 dlaird@ephrataschools.org.

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