

discover your
PASSION



follow your
PATH

SPOKANE PUBLIC SCHOOLS

COURSE CATALOG **HIGH SCHOOL**

2020 - 2023



Spokane Public Schools
excellence for everyone

Teaching & Learning Services • Curriculum & Instruction
200 N Bernard Street, Spokane, WA 99201 • spokaneschools.org/curriculum

COURSE CATALOG HIGH SCHOOL

2020
-
2023

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Get **FREE** access to Spokane Schools' college & career readiness platform: go to your school's website and click the SchoolLinks banner to get started.

- course planning
- college search & applications
- career profiles & resume builder

MORE

Discover your ikigai: reason for being

Words of welcome from Superintendent Dr. Shelley Redinger
& Associate Superintendent Adam Swinyard

Welcome to another exciting school year! The SPS district goal of T24 means that when you embark on your post-secondary journey you will be prepared to follow any pathway you desire, some of which may include: military careers; 2-year technical and trade schools; or 4-year colleges and universities. Your high school experience offers new opportunities to explore courses, programs, and pathways connected to a variety of interests and careers. In Japanese culture there is a concept known as ikigai, which means ‘a reason for being.’ By exploring options and opportunities that connect the things you are good at and love with what the world needs and is willing to pay for—you are able to find your ikigai. As you explore the wide variety of options, we challenge you to keep this concept in mind. The course catalog is your guide: to understand which courses are needed to graduate, which courses offer college credit, and which courses support your possible career interests and ikigai.

Along the way, we often talk to you about the idea of grit and growth mindset because high school courses and requirements for your future after high school can be challenging and confusing. Analyzing and adapting your plans gives you the opportunity to make mistakes, grow in your understanding, and push past any barriers you experience. Be sure to use this course catalog as an opportunity to talk with your friends, family, and educators about any help or clarification you might need. We understand how much is changing in the world and how important it is for all of us, even adults, to continually ask questions and ask for help from others. Please take this school year to challenge yourself, grow, and constantly adapt your plans as needed. I am excited for what your future holds!

Happy Exploring,

Shelley K. Redinger
Adam Swinyard



SPS Grad Requirements

Students need to register for 3 credits per semester for grades 9 through 12 and meet the requirements listed below (minimum state and district credit requirements). Note: 1 credit equals 2 semesters of coursework.

Credit Requirements

Subject	Class of 2020	2021-2023
English Language Arts	4.0	4.0
Mathematics	3.0*	3.0*
Science	3.0* <small>1 lab course</small>	3.0* <small>2 lab courses</small>
Social Studies	3.0	3.0
World Languages	--	2.0** <small>2 credits may be PPR</small>
Fitness & Health	2.0	2.0
Visual & Performing Arts	1.0	2.0** <small>1 credit may be PPR</small>
Career & Technical Education	1.0	1.0
Electives	5.0	4.0
TOTAL	22 credits	24 credits

*The 3rd credit of science and the 3rd credit of math are your choice, based on your interests and your High School & Beyond Plan (HSBP).

For classes of 2021-2023:

**Personalized Pathway Requirements (PPR) are related courses that lead to a specific post-high school career or educational outcome you desire, based on your interests and HSBP (that may include Career & Technical Education) and are intended to provide a focus for your learning.

Non-credit Requirements

- Washington State History
- High School and Beyond Plan (HSBP)

State Assessments

Students are required to meet all state assessment graduation requirements. Find the latest information at: sbe.wa.gov/our-work/graduation-requirements.

- High School English Language Arts Smarter Balanced Assessment (SBAC) (or state-approved alternative)
- High School Math Smarter Balanced Assessment (SBAC) (or state-approved alternative)
- Washington Comprehensive Assessment of Science (WCAS) for the class of 2021 and beyond. The WCAS assesses the 2013 Washington State Science Standards (Next Generation Science Standards)

Minimum College Admission Standards in Washington State's Public 4-Year Colleges



REQUIRED CREDITS

- 4 credits of English
- 3 credits of math including Algebra II or Integrated Math III
- Senior year quantitative math
- 3 credits of social science
- 2 credits of science
- 2 credits of world languages
- 1 credit of arts

GPA

- Maintain at least a 2.0 grade point average

SAT and ACT

- Take the SAT or ACT
- Have the scores sent directly to the colleges you want to attend



Keep this in mind when enrolling for courses and planning for college:

- Some colleges have additional requirements
- Meeting the minimum standards does not guarantee admission to a public 4-year college
- Find resources in **SchoolLinks**, the SPS career and college readiness platform—it's free to use and easy to navigate



Get free access to Spokane Schools' high performance college and career readiness platform, SchoolLinks.

Students and families: go to your school's website and click on the SchoolLinks banner to get help with course planning, explore career interests, research financial aid, apply to colleges and more—all in one place.



- course planning
- college search & applications
- career profiles & resume builder



- scholarship center
- financial aid calculator
- year round support & live chat for students

tip

Ask your school counselor about these additional pathways to consider.

- 📍 **Military Academies:** Challenging to get into, but most military branches have an academy you can attend. Pursue as early as **grade 9**.
- 📍 **Apprenticeships:** If accepted into a program after high school, you can work right away and get on-the-job training. **NEWTECH Skills Center** has some pre-apprenticeship programs to help you get started: Carpentry, Electrician, Heating/Ventilation/Air Conditioning (HVAC).
- 📍 **2-Year Technical Degrees:** You don't necessarily have to pursue transferring to a 4-year college when thinking about a community college degree. Examples of careers requiring a 2-year degree: CNC Machinist, Architecture Tech, Allied Health, and Graphic Designer.
- 📍 **SAT Subject Tests:** 4-year colleges that are very difficult to get into sometimes require an SAT Subject Test.
- 📍 **Military ROTC:** If you are interested in the military, you can enlist in high school or you can go to a 4-year college and take part in a Military Reserve Officer Training Corps (ROTC).

Getting Future Ready: grades 9 & 10 timeline

SEPTEMBER All about high school

Learn about what you need to do to graduate and how to be successful in high school. **Get involved!** Join a student group, club, activity, or sport.

OCTOBER Benefits of going to a 2-year & 4-year college

Explore the benefits of going to a 2-year or 4-year college and learn how a technical program, apprenticeship or military enlistment can help you get a job.

NOVEMBER Research types of colleges & apprenticeships

Use **SchoolLinks** to discover the different types of colleges and training options there are to choose from. Get tips from a variety of CCR video lessons on the SchoolLinks website (located under the 'checkmark' icon on their site navigation).

DECEMBER Building your profile

Focus on doing well in high school, staying organized, volunteering in your community, being mindful of your social media profile/activity and getting involved in school activities.

JANUARY Pick the right courses

Talk to your counselor, family and friends about your post-high school plans. Gather lots of perspectives on how you can get to the career you want.

FEBRUARY College Bound Scholarship

If you signed up, learn about the College Bound Scholarship and the Pledge. Ask about the Whitworth Bound, Falcon Bound, and 253 PLU Bound Scholarships.

MARCH College & career connections

Understand how what you study after high school can get you the career of your dreams. Not every "living wage" job requires a four-year degree.

APRIL Ways to pay for college

Learn about different ways to pay for your post-high school education, such as: scholarships, grants, work study, and even loans.

Getting Future Ready: grades 11 & 12 timeline



ASK YOUR SCHOOL COUNSELOR ABOUT: College “Fly-In Programs” – Some colleges will fly you to their college campus to visit and potentially compete for scholarships. Virtual Campus Tours – Use your smartphone and **SchoolLinks** VR goggles (see your CCR counselor) to virtually tour college campuses (download YouVisit Colleges app).

Explore colleges & apprenticeships

Develop a three-tiered plan for your college and career goals: Dream, Likely, Emergency/ Backup plan (choose one for each). Meet with your counselor to review your post-high school plans.

Research Colleges

Attend a college and career fair or schedule a college visit to learn which colleges might be a good fit.

Ways to pay for college

Understand how to pay for college using financial aid and scholarships.

College Bound Scholarship

So, you have College Bound: learn how the College Bound Scholarship will help you pay for college. Check with your school counselor.

Review scholarships

Learn about types of scholarships (student groups, merit-based, college specific, etc.) and add favorites to your **SchoolLinks** profile; apply for them as a senior.

Dig into college applications

Each college application will have different requirements. Figure out what you need to prepare your application.

Prepare for senior year

Learn what you need to do to graduate high school and be college ready.

Prep for FAFSA or WAFSA

Learn about the FAFSA or WASFA eligibility and how to apply to help you pay for college.

SEPTEMBER

Prep for FAFSA or WAFSA

Prepare to apply for the FAFSA or WASFA so you are ready when the applications open on **October 1**.

OCTOBER

Apply for scholarships

Research and apply for scholarships on **SchoolLinks**.

NOVEMBER

Perfect your college applications

Determine what steps you need to complete for your college applications.

DECEMBER

Review college details

Check with your 2-year or 4-year college on other paperwork and steps needed (i.e. additional non-FAFSA financial paperwork, dorm application, academic advising, etc.)

JANUARY

Halfway check-in

Common App requires a mid-year report. Pass all your classes. Check on financial aid deadlines at your college (many are **Feb 15**).

FEBRUARY

Financial aid: do the math

Understand your financial aid award letter and determine your next steps. Create a budget for college AND living costs to see how much money you truly need to borrow in loans.

MARCH

Make your decision

Now that you’ve received your admission letters, determine which college is the best choice for **you!** (Your first choice might not be as affordable as your second choice.)

APRIL

Transition

No matter your post-secondary T24 plan, you might need help from people at school. Make sure you have all of your steps complete.

MAY

You made it! Now what?

College is very different from high school. Map out different college resources and get advice from experienced friends and adults.

Dual Credit Opportunities

Get a head start on your future and earn credit for both high school and college, simultaneously.



Advanced Placement (AP)

This program allows students to take college-level courses, taught by high school teachers, at the high school. Courses are offered in 9th–12th grades, and offerings vary by school. Upon completion of the course, students take a standardized exam. Scores from the exams are considered by colleges, and varying levels of credit are awarded.

Fees: Students do not pay tuition but do pay fees for the final standardized exams. Fee waivers are available for lower-income students.

Running Start

Washington’s Running Start program gives 11th and 12th grade students the opportunity to take college courses at Washington’s community and technical colleges and at Central Washington University, Eastern Washington University, Washington State University, and Northwest Indian College. Running Start courses are regular college courses offered on the college campus.

Fees: Students do not pay tuition; however, they do pay for textbooks, fees, and transportation (which can be upwards of \$500 per quarter).



College in the High School (CHS)

College in the High School programs offer college-level academic courses to 10th, 11th, and 12th grade students. Courses are taught at the high school, by high school teachers with approval to teach the course for college credit, with college curriculum, college textbooks, and oversight by college faculty and staff.

Fees: Students pay tuition. Some state subsidies are available for rural and small schools and for low-income students.

Career & Technical Education (CTE)

The CTE Dual Credit (formerly known as Tech Prep) program helps students transition from high school to post-secondary professional and technical programs. CTE programming is a cooperative effort between K-12 schools, community and technical colleges, and the business community to develop applied, integrated academic and technical programs. Courses are taught by high school teachers, at the high school with a select number available only at NEWTECH Skills Center.

Fees: Students do not pay tuition.



Research suggests that participation in dual enrollment can lead to better grades in high school, increased enrollment in college following high school, higher rates of persistence in college, and greater credit accumulation.

(ed.gov / US Department of Education)

CTE & Personalized Pathways

Earn a 2-year degree in high school or transfer those credits to a 4-year program—either way, you earn college credits† for FREE.

One credit of Career and Technical Education is required for high school graduation; however, taking advantage of Personalized Pathway Requirements (PPR)* credits can give you an additional 3 credits toward your post-high school goals (see page 3 for details). PPR can be related courses that lead to a specific post-high school career or educational outcome, based on your interests (and High School & Beyond Plan) and are intended to provide a focus for your learning.



DISCOVER YOUR PASSION: explore full course listings on pages 54-56 (available at your high school) and page 75 (NEWTECH Skill Center). Also, check the Industry Recognized Certifications, Dual Credit, or Apprenticeship Opportunities in Appendix A (at the end).

Agriculture

Health Sciences

Arts & A/V Technology

STEM: Biomedical

Business & Marketing

STEM: Computer Science

Communications

STEM: Engineering

Construction & Manufacturing

Military Science

Education Training

Family & Consumer Science

Transportation

† Credits may not transfer to an institution outside the state's community/technical college system. It is the responsibility of the student to consult with those institutions concerning specific credit transfer and admissions requirements.

*Applies to Class of 2021 and beyond. Class of 2020: check with your school counselor on these requirements.



GET INVOLVED: CTE also supports these after school programs: AFJROTC, Drill Team, CyberPatriot, DECA, FBLA, FCCLA, FFA, Film Club, FIRST Robotics, HOSA, ProStart Culinary, SkillsUSA, Stagecraft, TSA, WCTSDA. Check with your school counselor to find out which ones are offered at your high school.

Course Equivalencies



Course equivalency, also known as cross-crediting, refers to CTE courses (or sequences of CTE courses) that also meet academic requirements. In some cases, the terms may also be applied to other courses that have been found to meet requirements of another content area. When a course is identified as “equivalent,” it may apply to more than one graduation requirement category, allowing students more flexibility in choosing classes and supporting High School and Beyond Planning.

These courses have been approved for equivalency credit.

CTE Course	CTE or Core Credit per Semester	Core Equivalency*
Food and Fitness	0.5	Fitness & Health
Intro to Health Science Careers	0.5	Health
Digital Game Programming	0.5	Math
Intro to Engineering Design - PLTW Yr 1	0.5	Math
Math Applications I	0.5	Math
Biological Solutions - IST	0.5	Science / Lab Science
Biomedical Innovations PLTW Y4	0.5	Lab Science
Biomedical Technology - IST	0.5	Lab Science
Culinary and Hospitality - ProStart 1	0.5	Lab Science
Culinary and Hospitality - ProStart 2	0.5	Lab Science
Genomic Research - IST	0.5	Lab Science
Human Body Systems - PLTW Y2	0.5	Science / Lab Science
Medical Interventions - PLTW Y3	0.5	Lab Science
Plant Science 1	0.5	Lab Science
Plant Science 2	0.5	Lab Science
Principles of Biomedical Science - PLTW Y1	0.5	Lab Science
Principles of Engineering - PLTW Y2	0.5	Science
Sports Medicine 1	0.5	Lab Science
Sports Medicine 2	0.5	Lab Science
Aerospace Manufacturing & Engineering I - CORE Plus 1	0.5	Math / Science / English
Aerospace Manufacturing & Engineering II - CORE Plus 2	0.5	Math / Science / English
AP Computer Science	0.5	Math / Science
AP Studio Art 2D - Digital Photography	0.5	Visual & Performing Arts
AP Studio Art 3D - Fabric and Fashion	0.5	Visual & Performing Arts
Digital Photography 1	0.5	Visual & Performing Arts
Digital Photography 2	0.5	Visual & Performing Arts
Jewelry and Small Sculpture 1	0.5	Visual & Performing Arts
Jewelry and Small Sculpture 2	0.5	Visual & Performing Arts
Web Design	0.5	Visual & Performing Arts

CTE Course at NEWTECH Skill Center	CTE or Core Credit per Semester	Core Equivalency*
Automotive Technology	0.5	Math
Construction Trades	0.5	Math
Industrial Manufacturing. & Engineering	0.5	Math
Animal Science	0.5	Lab Science
Computer Programming	0.5	Lab Science
Engineering and Robotics	0.5	Science
Medical Careers	0.5	Lab Science
Multimedia Graphics & Printing	0.5	Visual & Performing Arts

*Ask your school counselor for specific equivalency details like associated prerequisites or other variances.

NEWTECH Skill Center

Tuition-free career & technical training; a launch pad to diverse pathways: STEM careers, automotive tech, cosmetology, web design, and many more.

The NEWTECH Skill Center offers career and technical education programs in agriculture, business and marketing, family and consumer sciences, health sciences, and skilled and technical sciences. As a student, you have an opportunity to acquire a skillset and an educational experience that sets you apart from your peers, launching you into an exciting career and lifestyle.

Students spend one half of each day (morning or afternoon) at NEWTECH and the other half at their home high school. Core academic credit in science, math, and fine art can be earned through several NEWTECH courses - check the approved course equivalencies listed on page 8.

- **You may apply if: you are a high school student 16 to 20 years old and have earned at least 6 credits prior to your application.**
- **Sign up for “Welcome Wednesday” to explore 3 to 4 programs of your choice.**
- **New courses include: Energy & Power; Translation & Interpretation; and Project Management - see full listings on page 75.**
- **When enrolled in a program, your high school provides busing to the Skill Center.**

Program Offerings

Full course listings and descriptions begin on page 75.

Animation Tech and Special Effects

Automotive Collision Repair

Automotive Technology

Construction Technology

Cosmetology (Hair Design)

Criminal Justice (Law Enforcement)

Culinary Arts & Hospitality Mgmt.

Digital Game and Web Design

Energy and Power

Graphic Design and Digital Arts

Pre-Dental Assisting

Pre-Medical Assisting

Pre-Nursing Assistant

Pre-Veterinary Assisting

Project Management

Robotics and Advanced

Manufacturing

Translation and Interpretation

Welding Technology

(509) 354-7412
4141 N Regal St, Spokane, WA
learn more: ConnectWithNEWTech.com

Choice Program

The Community School (TCS)

Project-based learning that empowers and engages the creative thinkers and problem-solvers of tomorrow.

TCS challenges its students to become innovators, creators, and leaders in the 21st century. The Community School received the 2018 School of Distinction Award by the Center for Educational Effectiveness. TCS is part of the New Tech Network (NTN), a growing system of schools and districts across the US and Australia. We benefit from the power of the New Tech Network and their outcomes: higher graduation rates, higher college enrollment rates, and higher college persistence rates than the national average.

• Graduation rate & college acceptance was 100% for 2018.

• Teachers are highly qualified: 75% have Masters Degrees and 50% are National Board Certified.

• Incoming 8th grade families can attend an Information Night at TCS to learn more.

4 design pillars of New Tech Network

OUTCOMES THAT MATTER

Our school-wide learning outcomes measure knowledge and thinking, collaboration, written and oral communication, and the development of student responsibility for their own learning, or agency. Our culture provides high levels of connection and safety.

- Graduation rate was 100% for 2018.
- Teachers are highly qualified: 75% have Masters Degrees and 50% are National Board Certified.
- Student responses to the 2018 School Climate Safety Survey questions are at the 99th percentile nationally.

TEACHING THAT ENGAGES

Through project based learning, students become problem-solvers through relevant projects that require critical thinking and creativity.

- TCS projects are rigorous, engaging, and meaningful as they integrate subjects in authentic ways.
- We go into the community often and welcome community partners into our school, bringing relevance and purpose to the learning.

CULTURE THAT EMPOWERS

By making learning relevant and creating a collaborative learning culture, students become connected to, engaged with and challenged by their teachers and their peers.

- We have daily advisory with a cohort of students and their advisor that stays together all four years.
- Students are known well and supported toward their individual goals, including college and career plans.

TECHNOLOGY THAT ENABLES

Through a technology-rich environment, facilitators and students create, communicate, access information, and experience self-directed learning.

- Each student is provided a personal Chromebook.
- The NTN Echo platform allows teachers, students, and parents to see academic content and student progress.

(509) 354-3810
pamelaad@spokaneschools.org
learn more: spokaneschools.org/TCS

Choice Program

Spokane Virtual Learning (SVL)

Create flexibility in your schedule with online courses—free up valuable time to focus on your passions.

SVL is a web-based educational program of Spokane Public Schools that provides instructor-led online courses to students. All instructors have valid state certification in their subject areas. SVL presents students with an interactive learning experience - not a textbook online - that mirrors the scope and sequence of content taught in the classrooms at Spokane Public Schools. Students are encouraged to enroll part-time through their home school.

Course Listing

Courses are offered based on enrollment.

English Language Arts

English 9 / English 9 Honors
English 10 / English 10 Honors
English 11
English 12 Bridge to College
AP English 11 - Language & Composition
AP English 12 - Literature & Composition

Mathematics

Algebra 1
Geometry
Algebra 2
Precalculus
AP Statistics
AP Calculus AB/BC

Science

Biology
Chemistry
Anatomy & Physiology

Social Studies

World History
AP World History
AP European History
US History
AP US History
Civics
CWA
Washington State History

- **Student athletes: take an online fitness class to free up the school day for other pursuits.**
- **Most students take 1 to 3 courses online, while remaining enrolled in their home school.**
- **Homeschool families can split the day between school and home studies.**
- **High school students can register for courses that aren't offered at their home school.**

World Languages

Chinese 1
French (1-4)
Japanese (1-4)
Latin (1-3)
Spanish (1-4)

Fitness & Health

Health
Intro to Health Science Careers
Intro to Fitness (Year 1)
Intro to Fitness – Student Athlete (Year 1)
Lifetime Fitness (Year 2)
Lifetime Fitness – Student Athlete (Year 2)

Visual & Performing Arts

Digital Photography
AP Studio Art 2D: Digital Photography
Drawing, Painting & Sculpting
Music Theory
AP Music Theory

Career & Technical Education

AP Computer Programming
Certified Computer Applications Specialist
Digital Photography
AP Studio Art 2D: Digital Photography
Web Design

Elective

Individually Designed Studies (SPS students only)

(509) 354-7545
SVL@SpokaneSchools.org
register online: spokanevirtual.com

Choice Program

English Language Arts

Course Listings

Course Name	Prerequisite	Grade Level
English 9*†	No	9
English 9 Honors**	Yes	9
English 10*†	No	10
English 10 Honors**	Yes	10
English 11*†	No	11
AP English Language & Composition**	Yes	11, 12
AP English Literature & Composition**	Yes	11, 12
African American Literature**	No	11, 12
Native American Literature**	No	11, 12
Creative Writing**	No	11, 12
Mythology**	No	11, 12
Writing on Film**	Yes	11, 12
Bridge to College English**	No	12
English Language Arts Enrichment†	No	9, 10
Creative Writing - Intro†	No	9, 10, 11, 12
Creative Writing - Advanced†	No	9, 10, 11, 12
Debate**	No	9, 10, 11, 12
Mythology†	No	9, 10, 11, 12
Writing on Film†	No	10, 11, 12
ELA COE: Collection of Evidence Reading/Writing†	No	11, 12
**Inside English Newcomer†	Yes	9, 10, 11, 12
**Edge English 1†	Yes	9, 10, 11, 12
**Edge English 2†	Yes	9, 10, 11, 12
**Edge English 3†	Yes	9, 10, 11, 12
**Edge English 4†	Yes	9, 10, 11, 12
**Edge English 5†	Yes	9, 10, 11, 12

*NCAA approved †CADR approved **Courses for English Learners only



4.0 credits

English 9	1.0
English 10	1.0
English 11	1.0
English 12	1.0

tip

Course offerings may vary by grade and/or by school. Check with your school counselor about course availability.

About NCAA & CADR courses: on every course listing page, you will see notations regarding NCAA- and CADR-approved courses. Find brief information below and if you have further questions about these requirements, please contact your school counselor.

National Collegiate Athletic Association (NCAA) is a member-led organization dedicated to providing a pathway to opportunity for college athletes. NCAA-approved courses mean that these credits will count towards being NCAA eligible for potential athletic scholarships for student athletes.

College Academic Distribution Requirements (CADR), a Washington State initiative, set minimum admission standards for college freshmen entering Washington's public universities beginning summer 2012. Each course description indicates whether a course meets CADR.

Course Descriptions

English 9

grade 9

2 semesters

In this course, students will investigate the thematic concept of coming of age. Students will read Harper Lee's novel *To Kill a Mockingbird*; informational articles about college; short stories by Poe and Collier; historical articles about segregation; poetry by Wordsworth, Neruda, and Cardiff; and Shakespeare's *Romeo and Juliet*. From the reading, students will gather evidence from texts and incorporate it in written and oral responses, including a presentation using multiple forms of media. Students will encounter more varied and complex writing in this grade as they write in a variety of modes including argumentative, informational, and narrative writing. Film texts are a large part of Grade 9 activities. In Unit 2, students will study a film director's style and analyze how style is evident in the transformation of print texts to films. In Unit 5, students will study *Romeo and Juliet* and analyze how key scenes are represented in multiple film versions as well as the print text.

Prerequisites: None

Graduation Requirement Credit: English 9

Program of Study: English Language Arts

English 9 Honors

grade 9

2 semesters

The focus of this course is to offer students an extension of the core curriculum of English 9. Enrichment activities and assignments are provided throughout the course. The completion of this course prepares students to take advanced placement classes later in high school.

Prerequisites: pre-course summer assignment

Graduation Requirement Credit: English 9

Program of Study: English Language Arts

English 10

grade 10

2 semesters

In this grade, students will explore the thematic concept of culture. Texts include Chinua Achebe's *Things Fall Apart*, Sophocles' *Antigone*, Susan B. Anthony's "On Women's Right to Vote," and the Nobel Prize acceptance speeches of Aleksandr Solzhenitsyn and Elie Wiesel. Students will be challenged to use evidence from these texts in both written and oral responses. For example, students will study the extent to which one's culture influences one's worldview, and incorporate textual evidence in a written argument. Research plays a role as students investigate the Ibo culture represented in *Things Fall Apart* and present their findings in a collaborative presentation with digital media. Film texts play a role when students analyze the degree of objectivity and subjectivity present in documentary films while also gathering evidence about environmental issues.

Prerequisites: None

Graduation Requirement Credit: English 10

Program of Study: English Language Arts

English 10 Honors

grade 10

2 semesters

The focus of this course is to offer students an extension of the core curriculum of English 10. Enrichment activities and assignments are provided throughout the course. The completion of this course prepares students to take more demanding, advanced placement classes.

Prerequisites: pre-course summer assignment

Graduation Requirement Credit: English 10

Program of Study: English Language Arts

English 11

grade 11

2 semesters

In this grade, students will explore the concept of the American Dream. Students will read foundational U.S. documents such as Lincoln's Second Inaugural Address and The Declaration of Independence, essays by Thoreau and Emerson, poetry by Hughes and Whitman, Arthur Miller's drama *The Crucible*, and Zora Neale Hurston's *Their Eyes Were Watching God*. These texts will help students gather evidence to incorporate in an informative essay defining what it means to be an American and a synthesis essay that argues whether or not America still provides access to the American Dream. Students will compare both print and film versions of *The Crucible*, and study various features of news outlets while working collaboratively to create their own news outlet.

Prerequisites: None

Graduation Requirement Credit: English 11

Program of Study: English Language Arts

AP English Language & Comp

grade 11-12

2 semesters

The Advanced Placement English Language and Composition will engage students in becoming skilled readers of primarily nonfiction prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and reading will make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Students may elect, in the spring, to take the College Board Advanced Placement Exam in Language and Composition.

Prerequisites: pre-course summer assignment

Graduation Requirement Credit: English 11 or English 12

Program of Study: English Language Arts

AP English Literature & Comp

grade 11-12

2 semesters

This course, comparable to an introductory college literature course, teaches careful reading and critical analysis of imaginative literature from various cultures and time periods. Composition assignments include paragraphs, timed essays, formal essays (personal, expository, and argumentative), and a literary analysis research paper. Students may elect, in the spring, to take the College Board Advanced Placement Exam in Literature and Composition.

Prerequisites: pre-course summer assignment

Graduation Requirement Credit: English 11 or English 12

Program of Study: English Language Arts

African American Literature

grade 11-12

2 semesters

This yearlong English 12 Elective course will focus on African American Literature and its significance in African American History. Readings will be applied to wider contexts encompassing gender, cultural, historical, and political issues. Students will analyze the ideas in these readings through critical writing tasks that require them to consider the multiple perspectives involved. They will also develop research skills as they learn to locate and cite outside sources to support their arguments.

Prerequisites: None

Graduation Requirement Credit: English 12, Elective

Program of Study: English Language Arts

Native American Literature

grade 11-12

2 semesters

This is a Literature course focused on developing critical thinking, reading, and writing skills within the context of contemporary Native American Literature and criticism. This course will introduce critical issues and questions that inform the literary imagination of both past and contemporary Native American writers and scholars. Students will learn research skills, as well as critically examine how these authors use their work to make political statements, address/redress historical subjects, and represent their Native community/ies. This is a yearlong course that will meet the 12th Grade English credit.

Prerequisites: None

Graduation Requirement Credit: English 12, Elective

Program of Study: English Language Arts

Creative Writing

grade 11-12

1-2 semesters

This course is designed for students who plan to continue their post-secondary education at the university/collegiate level and value the intellectual pursuit of the liberal arts. Study will include world literature of various historical periods and application of reading, writing, oral communication, and critical thinking skills.

Prerequisites: None

Graduation Requirement Credit: English 12, Elective

Program of Study: English Language Arts



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Mythology

grade 11-12

1-2 semesters

In this class students explore myths from various cultures around the world, including, but not limited to the classical mythology from Greece and Rome. Students will examine portrayals of creation, gods/ goddesses, heroes and monsters. Students will benefit by becoming literate in mythological allusions and inferences in the modern world. Students who are career and college ready have the capacity to be independent, flexible, technologically savvy and open-minded. Because the study of mythology offers a link between the culture of the mythmaker and the present culture, students are constantly being asked to understand not only what but why, to build content but also to make connections and draw conclusions. With a curriculum built to address the Common Core State Standards, this course develops the opportunities to challenge the thinking skills and offer the learning experiences they need beyond high school.

Prerequisites: None

Graduation Requirement Credit: English 12, Elective

Program of Study: English Language Arts

Writing on Film

grade 11-12

1-2 semesters

Writing on Film is a substantial, engaging, and comprehensive course. Students learn to read film, annotate informational text, analyze differences and similarities between film and literature, develop a sophisticated appreciation and application of visual symbolism, understand more fully the development of story and plot, and comprehend the intersection between societal norms with creative expression. Students read two novels, participate in Literary and Socratic Circles and practice deeper thinking, listening and speaking skills. Writing skills are exercised and polished including writing a pitch for an imaginary Hollywood studio. Through two short film projects, and using digital media, students learn how to tell a story succinctly, visually and authentically. Through the study and practice of 21st century skills students experience Writing on Film as a doorway into the ever expanding media business.

Prerequisites: None

Graduation Requirement Credit: English 12, Elective

Program of Study: English Language Arts

Bridge to College English

grade 12

2 semesters

This course focuses on the English Language Arts key readiness standards from Washington State's K-12 Learning Standards for English Language Arts (the Common Core State Standards, CCSS-ELA). The course is designed to prepare students for entrance into post-secondary credit-bearing courses. The course addresses lessons in critical reading, academic writing, speaking and listening, research and inquiry, and language use.

Prerequisites: None

Graduation Requirement Credit: English 12, Elective

Program of Study: English Language Arts

English Language Arts Enrichment

grade 9-10

1 semester

English Language Arts Enrichment is a course that provides enrichment and additional support in reading and writing. The class uses a blended learning approach using adaptive software combined with small group instruction and independent practice. Students receive assistance in English Language Arts skills, including reading comprehension, vocabulary and writing.

Prerequisites: None

Graduation Requirement Credit: Elective

Program of Study: English Elective

Creative Writing - Intro

grade 9-12

2 semesters

This course teaches creative writing for beginners. It emphasizes writing as a craft; examines forms and techniques of professional writing through selective readings; offers students the opportunity to try their hand at a variety of styles, forms and techniques in both poetry and prose; as well as practice in writing, revision and editing skills. Students will read a variety of texts to study both classical and contemporary writers and appreciate the written word, and then will write in a variety of styles, both fiction and poetry, imitating practiced (and practicing) writers and developing their own style. As a culminating activity, students will produce a collection of polished, publishable writing.

Prerequisites: None

Graduation Requirement Credit: Elective

Program of Study: English Elective

Creative Writing - Advanced

grade 9-12

2 semesters

This course is designed for self-motivated students who wish to make an in-depth exploration of their own writing strengths and preferences. Each student designs a semester long writing project which results in a compilation of polished prose/poetry in publishable form.

Prerequisites: None

Graduation Requirement Credit: Elective

Program of Study: English Elective

Debate

grade 9-12

1 semester

This course is designed for any students interested in perfecting their speaking styles, fine tuning their critical thinking skills, and mastering research techniques for use in many other areas. Students will have the opportunity to participate in the following forensic events: original oratory, extemporaneous, impromptu, and expository speaking; humorous, dramatic, and reading interpretation. Debate style will focus on one-on-one, Lincoln/Douglas format. Much of the work will be done independently, outside of school and/or class time. Participation in competition is required.

Prerequisites: None

Graduation Requirement Credit: Elective

Program of Study: Humanities

Mythology

grade 9-12

1-2 semesters

In this class, students explore myths from various cultures around the world, including, but not limited to the classical mythology from Greece and Rome. Students will examine portrayals of creation, gods/goddesses, heroes and monsters. Students will benefit by becoming literate in mythological allusions and inferences in the modern world.

Prerequisites: None

Graduation Requirement Credit: Elective

Program of Study: Humanities

Writing on Film

grade 10-12

1 semester

Every frame, every shot, every scene—in fact, the placement of every light—is a choice. In Writing on Film, students will analyze films and determine why filmmakers make the choices they do. The class will explore genres such as comedies, dramas, westerns, crime films, romances and documentaries. Some class time will be taken watching films, but much of the class time will be spent discussing filmmaking topics, such as editing, screenwriting, cinematography, and careers in film.

Prerequisites: None

Graduation Requirement Credit: Elective

Program of Study: Humanities

Collection of Evidence (COE): Reading/Writing

grade 11-12

2 semesters

The ELA COE is a state-approved graduation alternative to the state's large-scale high school ELA assessment. The ELA COE can be used to meet the requirements for graduation and earn a Certificate of Academic Achievement (CAA)*.

An ELA COE is a set of reading, writing, and research tasks that assess comprehension, analysis, and evaluation of text, the capacity to write introductions, conclusions and elaborations, the skills of research and source selection, and the ability to write explanatory and argumentative essays.

Prerequisites: None

Graduation Requirement Credit: Elective

Program of Study: English Elective

Inside English Newcomer

grades 9-12

2 semesters

This course is an intensive beginning class for students who are Non-English speakers and just starting their education in the United States. This class utilizes Inside the USA Newcomer curriculum designed for students at the preproduction and early production levels of English language proficiency.

Prerequisites: Level 1 on ELPA21

Graduation Requirement Credit: English

Program of Study: English

Edge English 1

grades 9-12

2 semesters

Edge English 1 aligns with both CCSS ELA as well as ELP standards, and is designed for students at the early production and early speech emergent stages of second language acquisition, and is taken concurrently with the ELD 1 elective. In this course, students examine a breadth of texts including short stories, poetry, drama, essays, memoirs, historical articles, news features, speeches, and expository works that centralize around common themes of identity and culture. In each unit, the course examines a variety of texts in one of the following sub-themes: personal identity, collective wisdom, global perspectives, survival, group identity, and goal setting. From the works of such well-known authors as William Shakespeare, Emily Dickinson, O. Henry, Langston Hughes, and Gary Soto to a diverse array of modern authors such as Carmen Agra Deedy, Kofi Asare Opoku, Yeemay Chan and Naomi Shihab Nye, students are exposed to a diverse array of author voices and perspectives. From these diverse readings, students gather textual evidence to support their claims in academic discussions, oral presentations, and written responses in a variety of modes including argumentative, informational, and narrative writing.

Prerequisites: Edge Placement Test

Graduation Requirement Credit: English

Program of Study: English

Edge English 2

grades 9-12

2 semesters

This course aligns with both CCSS ELA as well as ELP standards, is designed for students at the speech emergent stage of second language acquisition and is taken concurrently with the ELD 2 elective. In this course, students explore the thematic concept of culture in the context of personal and environmental influences. Students analyze literary elements and author purpose in short works of fiction and compare these with literary development in a longer work of fiction. Also included in the course is an examination of figurative language and poetic devices, as well as an analysis of dramatic script. From the readings of Sandra Cisneros, Amy Tan, Gary Soto, Langston Hughes, Maya Angelou, Richard Peck, Rene Saldana, Saki, and Andrea Davis Pinkney, students study the extent to which one's culture influences one's worldview and develop oral and written responses to literature as well as their own personal narrative and short story. The course also includes a variety of information texts including articles, biographies, essays, workplace documents, and expository texts, and students gather evidence from these texts to support claims in their own argumentative and informational texts.

Prerequisites: Edge Placement Test

Graduation Requirement Credit: English

Program of Study: English

Edge English 3

grades 9-12

2 semesters

Edge English 3 aligns with both CCSS ELA as well as ELP standards and is designed for students at the advanced speech emergent/beginning intermediate fluency stages of second language acquisition. In this course, students explore themes of social justice, examining the external and internal influences on personal and societal change. The course begins with a collection of short historical-fiction works by Langston Hughes, Guy de Maupassant and John Steinbeck, followed by contemporary works including a refugee memoir by Farah Ahmed and a coming-of-age novel set in contemporary Harlem. Students examine the historical, cultural and social contexts influencing each of these works and prepare an autobiographical narrative in which they examine similar themes in their own lives. The next part of the course builds on the previous themes in that students read a selection of non-fiction texts from a diverse group of writers in which the author's purpose and point of view are significantly influenced by social and cultural contexts as well as a desire to express their voice. Students read and analyze these selections to prepare for an argumentative essay in which they write about a topic that they feel strongly about in light of their own social and cultural contexts. In the second half of the course, students examine the social challenges and potential for the American Dream. They look closely at works from the Civil Rights movement in America and examine both the challenges and the heroes of the movement, gathering evidence from the texts to support their claims in a response to the literature. And finally, the students examine their own dreams, developing the skills necessary to conduct research and cite sources in preparation of a research report on a career path tied to their own American Dream.

Prerequisites: Edge Placement Test

Graduation Requirement Credit: English

Program of Study: English

Edge English 4

grades 9-12

2 semesters

This course aligns with both CCSS ELA as well as ELP standards and is designed for students at the intermediate fluency stage of second language acquisition. In this course, students continue the theme of social justice from English 3, taking a closer look at conflict in its various forms, particularly that of inhumanity. Beginning with a series of short stories and an author study of Edgar Allan Poe, students examine the literary development of internal conflict and the effect of fear on an audience. At the end of this unit, the students develop a short story of their own that builds on what they have learned about purpose, audience and the development of plot through conflict, character, and setting. Students then take an intense look at conflict and inhumanity in a novel study as they read *The Other Side of the Sky* by Farah Ahmed, a refugee autobiography. Students develop skills for citing textual evidence to support claims in a literary response essay. The second half of the course will focus on current events and will examine how media shapes the way people think about conflict and social justice. Students will examine the use of argument in the media and will learn skills necessary to critically evaluate sources of information. And finally, students will examine the sub-theme of community, focusing on justice issues of conflict and unity within the genres of drama and poetry. From these readings, students gather textual evidence to support their claims in academic discussions, oral presentations, and written responses.

Prerequisites: Edge Placement Test

Graduation Requirement Credit: English

Program of Study: English

Edge English 5

grades 9-12

2 semesters

Edge English 5 aligns with both CCSS ELA as well as ELP standards and is designed for students at the beginning of the advanced fluency stage of second language acquisition. In this course, students examine a wide range of texts including novels, short stories, poetry, drama, essays, articles, interviews, and expository works that focus on the global theme of relationships. In each unit, the course examines a variety of texts in one of the following sub-themes: human interaction, changing mindsets, loyalty, communication, and sociocultural expectations. With poetry, prose, and drama by a variety of authors including (among others) William Shakespeare, Ayn Rand, James Ene Henshaw, Langston Hughes, Amy Tan, William Wordsworth and Robert Frost, students examine human relationships through diverse voices in a wide selection of rich literature. From these diverse readings, students find their own author voice, examine their own relationships, and gather evidence to support claims in academic discussions and oral presentations as well as in argumentative, informational, and narrative writing.

Prerequisites: Edge Placement Test

Graduation Requirement Credit: English

Program of Study: English

Mathematics

Course Listings

Course Name	Prerequisite	Grade Level
Algebra 1 [†]	No	9-12
Geometry [†]	Yes	9-12
Geometry Honors [†]	Yes	9-12
Intermediate Math	Yes	10-12
Algebra 2 [†]	Yes	9-12
Algebra 2 Honors [†]	Yes	9-12
Pre-Calculus [*]	Yes	9-12
Pre-Calculus Honors [*]	Yes	9-12
Statistics [*]	Yes	9-12
AP Statistics [*]	Yes	9-12
AP Calculus AB [*]	Yes	9-12
AP Calculus BC [*]	Yes	9-12
Quantitative Math A [*] Math 107 CHS (College in the High School)	Yes	12
Bridge to College Mathematics [†]	Yes	12
Collection of Evidence Math (COE)	No	12

^{*}NCAA approved [†]CADR approved



3.0 credits

Algebra 1	1.0
Geometry	1.0
Approved Math Course	1.0



tip

Course offerings may vary by school. Check with your school counselor before registering.

Course Descriptions

Algebra 1 grade 9-12 2 semesters

Algebra will weave together a variety of concepts, procedures and processes in mathematics. Students will develop the ability to explore and solve mathematical problems, think critically, work cooperatively with others and communicate their ideas clearly as they work through these mathematical concepts and algebraic procedures. Topics for this course include a study of linear, quadratic and exponential functions as well as statistics. Use of the graphing calculator is an integral part of this course.

Prerequisites: None

Graduation Requirement Credit: Algebra 1

Program of Study: Mathematics

Geometry grade 9-12 2 semesters

Students will explore the basic concepts and methods of Euclidean Geometry while deepening their understanding about plane and solid geometry. Course topics include reasoning and proof, line and angle relationships, two and three-dimensional figures, coordinate plane geometry, geometric transformations, surface area, volume, and probability. The Smarter Balanced Assessment taken during the sophomore year tests mathematics content through this course and is a graduation requirement beginning with the class of 2019.

Prerequisites: Algebra 1

Graduation Requirement Credit: Geometry

Program of Study: Mathematics

Geometry Honors

grade 9-12

2 semesters

This math course option follows the Geometry curriculum, but will go into greater depth in the development of the course concepts. This Honors course is a challenging option designed for students who have demonstrated high levels of academic achievement in mathematics.

Prerequisites: Algebra1

Graduation Requirement Credit: Geometry

Program of Study: Mathematics

Intermediate Math

grade 10-12

2 semesters

This course is an option for students following either Algebra 1 or Geometry that will allow for further development of concepts, procedures and processes established through the previous courses. This course is designed to help solidify student's mathematical understanding in preparation for Algebra 2.

Prerequisites: Algebra1 and Geometry

Graduation Requirement Credit: Math/Elective

Program of Study: Mathematics

Algebra 2

grade 9-12

2 semesters

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Use of the graphing calculator is an integral part of this course.

Prerequisites: Algebra1 and Geometry

Graduation Requirement Credit: Algebra2

Program of Study: Mathematics

Algebra 2 Honors

grade 9-12

2 semesters

This math course option follows the Algebra 2 curriculum, but will go into greater depth in the development of the course concepts. This Honors course is a challenging option designed for students who have demonstrated high levels of academic achievement in mathematics.

Prerequisites: Algebra1 and Geometry

Graduation Requirement Credit: Algebra2

Program of Study: Mathematics

Pre-Calculus

grade 9-12

2 semesters

The course is designed for students who are preparing for mathematics or a mathematics-related career. Included are an integrated development of advanced algebra, trigonometry, analytic geometry, and an introduction to calculus. This course is a prerequisite to calculus. Use of a graphing calculator is an integral part of this course.

Prerequisites: Algebra2

Graduation Requirement Credit: Math/Elective

Program of Study: Mathematics

Pre-Calculus Honors

grade 9-12

2 semesters

This math course option follows the Pre-Calculus curriculum, but will go into greater depth in the development of the course concepts. This Honors course is a challenging option designed for students who have demonstrated high levels of academic achievement in mathematics.

Prerequisites: Algebra2

Graduation Requirement Credit: Math/Elective

Program of Study: Mathematics

Statistics

grade 9-12

2 semesters

Statistics are used everywhere from ordering hamburger patties in a fast food business to predicting a student's future success by the results of a test. Students will become familiar with the vocabulary, method, and meaning in the statistics which exist in the world around them. The TI-83 or TI-84 calculator will be used to explore the world of data and the patterns which can be found by analyzing this information.

Prerequisites: Algebra2

Graduation Requirement Credit: Math/Elective

Program of Study: Mathematics

AP Statistics

grade 9-12

2 semesters

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

Prerequisites: Algebra2

Graduation Requirement Credit: Math/Elective

Program of Study: Mathematics

AP Calculus AB

grade 9-12

2 semesters

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Prerequisites: Pre-Calculus

Graduation Requirement Credit: Math/Elective

Program of Study: Mathematics

AP Calculus BC

grade 9-12

2 semesters

Explore the key concepts, methods, and applications of single-variable calculus including all topics covered in AP Calculus AB (functions, graphs, and limits, derivatives, integrals, and the Fundamental Theorem of Calculus) as well as additional topics in differential and integral calculus, such as parametric, polar and vector functions, and series.

Prerequisites: Pre-Calculus

Graduation Requirement Credit: Math/Elective

Program of Study: Mathematics

Quantitative Math & Math 107 CHS (College in the High School)

grade 12

2 semesters

The first semester, Quantitative Math, focuses on the key College Readiness standards from the Common Core. The course will use the computer-based ALEKS assessment and learning module to support students in identifying and strengthening areas of growth. The second semester, Math 107, is a College in the High School (CHS) course, offered in conjunction with Eastern Washington University. It explores sets, basic logic, truth tables, elementary probability and statistics, geometry and the connections between mathematics and art, exponential functions, logarithms and geometric series. The spirit of the course is one of reasoning and problem solving and is a great fit for students pursuing liberal arts college degrees (i.e. not STEM or business majors). Passing this class can also be used to fulfill the state testing SBA math requirement as a graduation alternative.

Prerequisites: Algebra 2

Graduation Requirement Credit: Math/Elective

Program of Study: Mathematics

Bridge to College Mathematics

grade 12

2 semesters

The Bridge to College course focuses on the key readiness standards from the Common Core as well as the eight Standards of Mathematical Practices needed for students to be ready to undertake postsecondary academic or career preparation in non-STEM fields or majors. The course addresses standards throughout high school and even earlier, including Algebra I, Statistics and Geometry, and the Algebra II standards agreed to as essential college- and career-readiness standards for most students. The full range of content standards found in Algebra II is not addressed because some are not seen as essential college and career readiness standards for non-STEM math courses.

Prerequisites: Algebra 2

Graduation Requirement Credit: Math/Elective

Program of Study: Mathematics

Collection of Evidence (COE): Math

grade 12

1 semester

For students who have not passed the SBAC, this course is an alternative to meeting Washington State Standards for the SBAC. This may be a course that some schools use to meet the new LAA requirements.

Prerequisites: Below standard on the SBAC

Graduation Requirement Credit: Math/Elective

Program of Study: Mathematics



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Science

Course Listings

Course Name	Prerequisite	Grade Level
Anatomy & Physiology**†	Yes	11, 12
Biology**†	No	9, 10
Biology (MESA) **†	Yes	9, 10
AP Biology**†	Yes	10, 11, 12
Chemistry**†	Yes	9, 10, 11, 12
Chemistry (MESA) **†	Yes	9, 10, 11, 12
AP Chemistry**†	Yes	10, 11, 12
Chemistry Environmental **†	Yes	9, 10, 11, 12
Physics **†	Yes	9, 10, 11, 12
AP Physics 1**†	Yes	9, 10, 11, 12
AP Physics 2**†	Yes	9, 10, 11, 12
AP Physics C**†	Yes	11, 12
Applied Field Sciences†	No	11, 12
AP Environmental Science**†	Yes	11, 12
Science Intern	Yes	11, 12

*NCAA approved †CADR approved



3.0 credits

Science course	1.0
Lab Science**	2.0

**Applies to Class of 2021 and beyond. Class of 2020: check with your school counselor on these requirements.



Course offerings may vary by grade and/or by school. Check with your school counselor about course availability.

Course Descriptions

Biology

Anatomy & Physiology

grade 11-12

2 semesters

Anatomy and Physiology involves an in-depth study of the structure and function of the human body. Students learn how anatomy and physiology are interrelated and how the body maintains internal balance. Various human body systems are studied in-depth at both the microscopic and macroscopic levels. This course involves hands-on investigations, including dissections. This course should be of high interest to students who are considering health science careers or who simply want a deeper understanding of the biology of the human body.

Prerequisites: Biology and one additional science course

Graduation Requirement Credit: Science (Lab & Algebra-Based), Elective

Biology

grade 9-12

2 semesters

Biology is the study of living systems, and interactions between living and non-living systems. Biology is a yearlong introductory lab science course designed for ninth grade students. Using the Next Generation Science Standards as a guide, students explore essential questions underlying topics in cellular biology, heredity, evolution and ecosystems. Questions guiding exploration include: how organisms live and grow; how and why organisms interact with their environment and the effects of these interactions; how characteristics of one generation are passed to the next; how individuals of the same species have different characteristics; and how evidence shows that different species are related. In addition to acquiring content knowledge specific to biology, students also deepen their understanding of science and engineering practices through hands-on inquiry that involves asking questions, designing and carrying out investigations, and exploring and applying core science concepts that span across and unify all disciplines of science.

Prerequisites: None

Graduation Requirement Credit: Science (Lab & Algebra-Based), Elective

Biology MESA

grade 9-12

2 semesters

Biology MESA (Mathematics, Engineering, and Science Achievement) is a unique, applied biology course the district and Washington State University jointly operate. This lab science option follows a course syllabus similar to Biology A-B and is designed for students who have been traditionally underrepresented in science and technology professions. The course provides additional enrichment opportunities and academic support for students participating in the program.

Prerequisites: School Permission Required

Graduation Requirement Credit: Science (Lab & Algebra-Based), Elective

AP Biology

grade 10-12

2 semesters

Advanced Placement (AP) Biology is approved and certified by the College Board. It is intended to be the equivalent of a college level general biology course. AP Biology follows the program syllabus outlined by the College Board, in which students study concepts in the following major topic areas: molecules and cells; heredity and evolution; and organisms and populations. Students participate in laboratory investigations as a part of their course experience and will have the opportunity to develop scientific reasoning abilities and inquiry skills. This course prepares students to successfully complete the advanced placement exam in biology. A score of 4 or 5 on the AP exam is accepted by many cooperating colleges for college credit.

Prerequisites: Biology or School Permission Required

Graduation Requirement Credit: Science (Lab & Algebra-Based), Elective

Chemistry

Chemistry

grade 9-12

2 semesters

Chemistry is the study of the properties of matter and its interactions. Chemistry is a yearlong introductory lab science course designed for students after successful completion of Algebra 1. Using the Next Generation Science Standards as a guide, students explore essential questions underlying topics including the structure and properties of matter and chemical reactions. Questions guiding exploration include: "How can one explain the structure, properties and interactions of matter?" And "How is energy in chemical reactions transferred and conserved?" In addition to acquiring content knowledge specific to chemistry, students also deepen their understanding of science and engineering practices through hands-on inquiry that involves asking questions, designing and carrying out investigations, and exploring and applying core science concepts that span across and unify all disciplines of science.

Prerequisites: Algebra 1

Graduation Requirement Credit: Science (Lab & Algebra-Based), Elective

Chemistry MESA

grade 9-12

2 semesters

Chemistry MESA (Mathematics, Engineering, and Science Achievement) is a unique, applied chemistry course the district and Washington State University jointly operate. This lab science option follows a course syllabus like Chemistry A-B and is designed for students who have been traditionally underrepresented in science and technology professions. The course provides additional enrichment opportunities and academic support for students participating in the program.

Prerequisites: Algebra 1 and School Permission Required

Graduation Requirement Credit: Science (Lab & Algebra-Based), Elective

AP Chemistry

grade 10-12

2 semesters

Advanced Placement (AP) Chemistry is approved and certified by the College Board. It is intended to be the equivalent of a college level general chemistry course. AP Chemistry follows the program syllabus outlined by the College Board, in which students explore a range of advanced topics related to inorganic chemistry. Students will participate in laboratory investigations that develop their inquiry skills and laboratory techniques and will have an opportunity to enhance their mathematical abilities by working with quantitative data. This course provides a critical foundation for students interested in medicine, pharmacy, physical therapy, veterinarian sciences, chemistry, biology, engineering and other STEM-related disciplines.

Prerequisites: Chemistry (Algebra 2 is recommended)

Graduation Requirement Credit: Science (Lab & Algebra-Based), Elective

Chemistry Environmental

grade 9-12

2 semesters

This is a yearlong course that extends the study of chemistry into areas dealing with the environment. Students will spend a brief period reviewing chemistry concepts learned in prior grades. Following this introduction, they will participate in learning experiences involving the chemistry of water, food, the human body, air, natural resources (including petroleum), and radioactive substances. The course includes students' participation in laboratory investigations and involves them in developing a deeper understanding of the chemical basis underlying the natural world.

Prerequisites: None

Graduation Requirement Credit: Science (Lab), Elective

Physics

Physics

grade 9-12

2 semesters

This introductory course builds on the physics concepts learned by students in prior grades and extends their understanding of these ideas through scientific inquiry. Course content focuses on concepts related to matter, energy, forces, and motion. Emphasis is placed on developing understanding of scientific principles. Students will learn through laboratory investigations that engage them actively in solving problems and applying their knowledge to new situations. Students find physics interesting because it relates to common everyday experiences such as an accelerating car. Students are also intrigued by less familiar topics like an orbiting satellite or the way energy is transmitted by waves. This course will enable students to understand phenomena such as these in much the same way that early scientists discovered the underlying principles behind such phenomena.

Prerequisites: Algebra 1 and Geometry

Graduation Requirement Credit: Science (Lab & Algebra-Based), Elective

AP Physics 1

grade 9-12

2 semesters

This yearlong Advanced Placement (AP) Physics course is approved and certified by the College Board. It is intended to be the equivalent of a college level general physics course. AP Physics 1 follows the program syllabus outlined by the College Board, in which students explore Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound, and introductory electric circuits. The course is based on six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional science boundaries and provide a broad way of thinking about the physical world.

Prerequisites: Algebra 1 and Geometry

Graduation Requirement Credit: Science (Lab & Algebra-Based), Elective

AP Physics 2

grade 9-12

2 semesters

This yearlong Advanced Placement (AP) Physics course is approved and certified by the College Board. It is intended to be the equivalent of a college level general physics course. AP Physics 2 follows the program syllabus outlined by the College Board, in which students explore principles of fluid mechanics, thermodynamics, electricity, magnetism, optics, and topics in modern physics. The course is based on seven Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world.

Prerequisites: Algebra 1 and Geometry

Graduation Requirement Credit: Science (Lab & Algebra-Based), Elective

AP Physics C

grade 11-12

2 semesters

This yearlong Advanced Placement (AP) Physics C course is approved and certified by the College Board. It is intended to be the equivalent of a college level physics course. AP Physics C follows the program syllabus outlined by the College Board for AP Physics C: Mechanics, and AP Physics C: Electricity/Magnetism. Students develop strong science inquiry skills with practice in designing experiments, observing and measuring phenomena, organizing and analyzing data, drawing inferences and communicating results. AP Physics C is designed for students with strong math skills and may serve as the foundation in physics for students interested in majoring in the physical sciences or engineering. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus. Students completing the full year may sit for either (or both) of the College Board's AP Physics C: Mechanics and/or the AP Physics C: Electricity/Magnetism test(s).

Prerequisites: Calculus (or concurrent enrollment) or School Permission

Graduation Requirement Credit: Science (Lab & Algebra-Based), Elective

Other

Applied Field Sciences

grade 11-12

2 semesters

Applied Field Sciences is a yearlong course that provides a practical and relevant approach to understanding a number of fundamental science concepts and principles. Students will be engaged in classroom experiences that investigate a wide variety of science applications in the local and regional environment. Possible topic areas examined in the course include: safety in the outdoors (including first aid); water as a resource; food resources and nutrition; plant and animal characteristics; animal behavior including hunting and fishing; understanding weather; ecological principles; backpacking; orientation and maps; and geology and landforms. Students will have the opportunity to participate in several activities in which they will develop knowledge of science and practical skills that will direct applications in their lives.

Prerequisites: None

Graduation Requirement Credit: Science (Lab), Elective

AP Environmental Science

grade 11-12

2 semesters

Advanced Placement (AP) Environmental Science is approved and certified by the College Board. It is intended to be the equivalent of a college level environmental science course. AP Environmental Science follows the program syllabus outlined by the College Board, in which students use scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/ or preventing them. The following themes provide a foundation for the structure of the AP Environmental Science course: 1. Science is a process. 2. Energy conversions underlie all ecological processes. 3. The Earth itself is one interconnected system. 4. Humans alter natural systems. 5. Environmental problems have a cultural and social context. 6. Human survival depends on developing practices that will achieve sustainable systems.

Prerequisites: Biology

Graduation Requirement Credit: Science (Lab & Algebra-Based), Elective

Science Intern

grade 11-12

1 semester

The responsibilities of a science intern involve laboratory preparation, classroom organization and maintenance activities, and helping students who need assistance or have questions about their academic work. Specific activities may include preparing materials needed for a laboratory investigation, inventorying equipment and supplies, cleaning materials after a laboratory investigation, and preparing bulletin boards and print materials. Students interested in becoming science interns should be reliable, trustworthy, and conscientious, have had exemplary performance in previous science course work, and have acquired basic computer and lab safety skills. Class can be repeated by student.

Prerequisites: Instructor Permission Required (Concurrently enrolled in a science course recommended)

Graduation Requirement Credit: Elective



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Social Studies

Course Listings

Course Name	Prerequisite	Grade Level
World History*†	No	9, 10, 11, 12
AP European History*†	No	9, 10, 11, 12
AP World History*†	No	9, 10, 11, 12
US History*†	No	11, 12
AP US History*†	No	11, 12
Civics*†	No	12
AP US Government and Politics*†	No	11, 12
Contemporary World Affairs (CWA) *†	No	12
AP Comparative Government and Politics*†	No	12
AP Human Geography*†	No	9, 10, 11, 12
AP Seminar Capstone / AP Research Capstone	No	11, 12
AP Art History†	No	10, 11, 12
AP Psychology*†	No	11, 12
Psychology*†	No	10, 11, 12
Sociology*†	No	10, 11, 12
**Gateway to World History†	Yes	9, 10, 11, 12
**Gateway to US History†	Yes	9, 10, 11, 12

*NCAA approved †CADR approved **Courses for English Learners only



3.0 credits

World History	1.0
US History	1.0
Civics	0.5
CWA	0.5

tip

Course offerings may vary by grade and/or by school. Check with your school counselor about course availability.

Course Descriptions

World History

grades 10-12

2 semesters

World History engages students in the study of the geography, history, civics, and economy of a variety of cultures throughout the world, often through a project-based format. The course begins in 1450 and traces the history of the world to the present, exposing students to a global perspective of the world. Students will study the development and interaction of cultures, the interactions between humans and the environment, and the creation, expansion, and interaction of economic, political, and social systems. Special attention will be given to informational reading and analytical writing skills throughout the year, focusing on skills such as recognizing point of view, detecting bias, developing a global chronology, and periodization.

Prerequisite: None

Graduation Requirement Credit: World History

Program of Study: Humanities

AP European History

grades 9-12

2 semesters

AP European History covers major trends and events from approximately 1450 (High Renaissance) to the present. Major themes are the political, diplomatic, intellectual, cultural, social and economic history of this era. Course work is equivalent to a college introductory course. If successfully completed, this course will fulfill the world history social studies requirement. Students may elect to take the Advanced Placement exam. Students who pass the Advanced Placement test will receive college credit from most universities.

Prerequisite: None

Graduation Requirement Credit: World History or Elective

Program of Study: Humanities

AP World History

grades 9-12

2 semesters

AP World History offers students a broad view of events, ideas and movements that have led to the contemporary world. This course begins its study of human history in approximately 1200 and covers the history of major civilizations from 1200 to the present. Major themes include interaction between humans and the environment, development and interaction of cultures, state building, expansion, and conflict, creation, expansion, and interaction of economic systems, and the development and transformation of social structures. Students may elect to take the Advanced Placement exam. Students who pass the Advanced Placement test will receive college credit from most universities.

Prerequisite: None

Graduation Requirement Credit: World History

Program of Study: Humanities

US History

grades 11-12

2 semesters

US History begins with a brief overview of elements of the Constitution that significantly impacted America following the Civil War. Students then briefly study Reconstruction before getting into a deeper study of the Post-Reconstruction period, chronologically analyzing American history from the Reconstruction through the War on Terror. Students taking US History consider multiple accounts of events and issues in order to understand the politics, economics, geography, and history of this country from a variety of perspectives. The course encourages critical thinking, document analysis, and the development of writing skills.

Prerequisite: None

Graduation Requirement Credit: US History

Program of Study: Humanities

AP US History

grade 11-12

2 semesters

AP US History is a comprehensive college-level course that is organized chronologically. Students will study US History from the pre-Columbian era to the present. The assigned readings are from a number of books used in American universities. The teaching and study techniques have been chosen to prepare the student to do excellent work in college. The examinations and papers are similar to those the student will encounter in college work. Students may elect to take the Advanced Placement exam. Students who pass the Advanced Placement test will receive college credit from most universities.

Prerequisite: None

Graduation Requirement Credit: US History

Program of Study: Humanities



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Civics

grade 12

1 semester

In Civics, students will examine current issues and gain an understanding of the following concepts: the Constitution, Citizenship, Constitutional and Economic Underpinnings of American Government, Political Parties, Beliefs, and Behaviors, Interest Groups and Mass Media, Institutions of Government, Public Policy, Civil Rights and Liberties, and Washington State, Tribal, and Local Governments. Through study of these topics, students will gain a vital understanding of the American system of governance and be prepared to become active participants in a democratic society.

Prerequisite: None

Graduation Requirement Credit: Civics

Program of Study: Humanities

AP US Government & Politics

grade 11-12

1 semester

AP US Government and Politics gives students an analytical perspective on government and politics in the US. This course includes both the study of general concepts used to interpret US government and politics and the analysis of specific examples and court cases. It also requires knowledge and understanding of the various institutions, groups, beliefs, and ideas that constitute US government and politics. Students may elect to take the Advanced Placement exam. Students who pass the Advanced Placement test will receive college credit from most universities.

Prerequisite: None

Graduation Requirement Credit: Civics

Program of Study: Humanities

Contemporary World Affairs (CWA)

grade 12

1 semester

CWA will examine the key issues facing our world today. Students will bring together the understanding and skills they have developed over the years in social studies to dig deeper into global conflicts, globalization, American foreign policy, international trade, voluntary and involuntary movement of people, immigration policies of nations, global environmental and sustainability issues, and the impact of global health, nutrition, and disease issues in "hot spots" around the world. Students will develop a base of knowledge and use their analysis skills to form their own opinions on the issues, based on researched facts and critical thinking.

Prerequisite: None

Graduation Requirement Credit: Contemporary World Affairs

Program of Study: Humanities

AP Comparative Government & Politics

grade 12

1 semester

AP Comparative Government and Politics is designed for students wishing to learn more advanced concepts about governments around the world. This course introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. Students will examine the application of these concepts by focusing on case studies of China, Great Britain, Iran, Mexico, Nigeria, and Russia and the ways in which politics, institutions, and behaviors shape these nations. Course work is equivalent to a college introductory course. Students who pass the Advanced Placement test will receive college credit from most universities.

Prerequisite: None

Graduation Requirement Credit: Contemporary World Affairs

Program of Study: Humanities

AP Human Geography

grade 9-12

2 semesters

The purpose of AP Human Geography course is to introduce students to the systemic study of patterns and processes that have shaped human understanding, use, and alteration of earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students may elect to take the Advanced Placement exam. Students who pass the Advanced Placement test will receive college credit from most universities.

Prerequisite: None

Graduation Requirement Credit: Contemporary World Affairs or Elective

Program of Study: Humanities

AP Seminar Capstone AP Research Capstone

grade 11: Seminar

2 semesters (Seminar)

grade 12: Research

2 semesters (Research)

The Capstone Credential will give students new ways to stand out in college applications and build a stronger foundation in independent research, presentation, collaborative teamwork, with the knowledge and skills essential for success in college and beyond. In the first year of this two-year program, students in AP Seminar will develop critical thinking skills and make connections between AP subjects while exploring issues of global relevance. It includes a written exam, team project, and presentation. In the second year of the program, students in AP Capstone complete a yearlong mentored research project that culminates in a 20-page research paper that builds on AP and/or Seminar subjects. The program combines the in-depth subject-matter study offered through AP courses and exams with the interdisciplinary global seminar curricula and assessment of research projects and presentations offered by the College Board.

Prerequisite: None

Graduation Requirement Credit: AP Seminar Capstone Semester A: Civics, AP Seminar Capstone

Semester B: Contemporary World Affairs, AP Research: Elective

AP Art History

grade 10-12

2 semesters

In AP Art History, students will learn about the connections between art and the events and processes that it reflected and will gain an in-depth, holistic understanding of the history of art from a global perspective. Students will study the 250 works of art required by the College Board and analyze the art within broader historical, cultural, religious, and political frameworks. Students will learn how historical events influenced great art and gain an appreciation of art's place in society. Students may elect to take the Advanced Placement exam. Students who pass the Advanced Placement test will receive college credit from most universities.

Prerequisite: None

Graduation Requirement Credit: Elective

Program of Study: Humanities

AP Psychology

grade 11-12

2 semesters

AP Psychology introduces students to the systematic and scientific study of behavior and mental processes. Primarily, the course will explore the psychological facts, principles and phenomena associated with each of the major sub fields of psychology (consciousness, learning, personality, cognition, etc.). The objective of this course is to take and pass the Advanced Placement Exam for psychology and all aspects of the course will reflect this fact. AP Psychology will be taught at the college level and student study habits and participation should reflect this fact. Students may elect to take the Advanced Placement exam. Students who pass the Advanced Placement test will receive college credit from most universities.

Prerequisite: None

Graduation Requirement Credit: Elective

Program of Study: Education, Humanities

Psychology

grades 10-12

1 semester

Psychology In this elective course, students will be introduced to basic areas in psychology; the study of human behavior. Areas covered include: personality, sleep and dreaming, major theorists and theories, mental health and disorders, learning and intelligence, research methods, criminal psychology, social psychology, sensation and perception, as well as current issues in the psychology field.

Prerequisite: None

Graduation Requirement Credit: Elective

Program of Study: Education, Humanities

Sociology

grade 10-12

1 semester

Sociology is a study of groups, how individuals relate to these groups and the forces in society which influences their behavior. Areas covered include the family, peer groups, and social institutions such as church, schools and government. Special interest areas studied are minorities, crime, war, alienation and the future of society. Sociology provides useful background for students who are interested in careers that entail working closely with people such as health fields, education, law enforcement, management and social work.

Prerequisite: None

Graduation Requirement Credit: Elective

Program of Study: Humanities

Gateway to World History

grades 9-12

2 semesters

This two semester World History course engages students in the study of the geography, history, civics, and economy of a variety of cultures throughout the world, often through a project-based format. The course begins in 1450 and traces the history of the world to the present, exposing students to a global perspective of the world. Students will study the development and interaction of cultures, the interactions between humans and the environment, and the creation, expansion, and interaction of economic, political, and social systems. This course utilizes scaffolding and differentiation strategies appropriate for beginning English Language Learners.

Prerequisites: Meets the prerequisites for Edge English 1 or 2

Graduation Requirement Credit: World History

Program of Study: Humanities

Gateway to US History

grades 9-12

2 semesters

This two-semester US History course begins with a brief overview of elements of the Constitution that significantly impacted America following the Civil War. Students then briefly study Reconstruction before getting into a deeper study of the Post-Reconstruction period, chronologically analyzing American history from Reconstruction through the War on Terror. Students taking US History consider multiple accounts of events and issues in order to understand the politics, economics, geography, and history of this country from a variety of perspectives. This course utilizes scaffolding and differentiation strategies appropriate for beginning English Language Learners.

Prerequisites: Meets the prerequisites for Edge English 1 or 2

Graduation Requirement Credit: US History

Program of Study: Humanities

World Languages

Course Listings

Languages Offered		Options	Grade Level
Chinese	Japanese	Year 1 ^{††}	7, 8, 9, 10, 11, 12
		Year 2 ^{††}	8, 9, 10, 11, 12
		Year 3: AP / Honors ^{††} / CHS [†]	9, 10, 11, 12
French	Latin	Year 4: AP / Honors / CHS	10, 11, 12
		Year 5: AP / Independent Study	12
German	Salish	Year 6: AP Lang & Comp AP Literature & Comp	12

*NCAA approved †CADR approved



2.0 credits

World Language^{**} 2.0
2 years of same language.

— OR —

PPR^{**} 2.0

***Applies to Class of 2021 and beyond. Class of 2020: check with your school counselor on these requirements.*



**Language offerings can vary by grade and by school.
Talk to your school counselor about options.**

Course Descriptions

Year 1

grades 7-12

2 semesters

Chinese French German Japanese Latin Salish Spanish

The first year of a world language is a highly communicative introduction to the language and it is the base upon which levels 2,3,4 and AP are built. Students will learn important vocabulary and grammar and they will be asked to put their knowledge to work in real-life settings. They will be able to talk about their lives, their family and friends, discuss and inquire about weather and pastimes, order food at a restaurant, find their way around a city, and function in new situations. Beginning grammar instruction can include use of subjects and verbs, present tense, adjectives, syntax and much more. Each language also has specific grammar that is a focus for year one.

Students will be reading, writing, listening and speaking every day in class and they will be studying the culture of the people who speak the target language as well as their customs.

Prerequisites: None

Year 2

grades 8-12

2 semesters

Chinese French German Japanese Latin Salish Spanish

Second year study enables students to expand vocabulary and explore the target language using more complicated structures and systems such as past tenses, future tense and reflexive verbs. As students increase their ability to understand, they will be speaking with more confidence and complexity. In addition, they will read short selections and stories at more advanced levels. They will be able to talk about where they live, life after school, clothing, vacations and professions, for example. Classwork will be conducted in the language as much as possible to provide practice in expression and comprehension. Students' cultural awareness expands through a multimedia, hands-on approach.

Prerequisites: Successful completion of Year 1



Some universities require 3 years of a world language for admission; check your desired program or university for admission requirements.

Year 3 Honors

grades 9-12

2 semesters

Chinese French German Japanese Salish Spanish

The third year of language is the year when all the pieces of language come together. Students will read authentic pieces of literature, watch and comprehend foreign films, learn sophisticated vocabulary, grammar, syntax and speak and learn totally in the target language. Third year language study offers students the opportunity to go beyond the basics and attain a higher level of fluency and competency in all language skills. Grammar skills will be more advanced and in depth. Activities may include creative, self-directed projects and presentations. Students will be encouraged to communicate predominately in the language.

Note: Some universities require 3 years of a world language for admission.

Prerequisites: Successful completion of Year 2

Year 3 CHS (College in the High School)

grades 9-12

2 semesters

Chinese French German Japanese Spanish

This rigorous college course begins with a review and then it goes broader and deeper, covering more vocabulary, grammar and culture than regular 3rd year. Students will read authentic pieces of literature, watch and comprehend foreign films, podcasts and online news programs, learn more complicated vocabulary, grammar, syntax and speak and learn totally in the target language. Third year CHS language study offers students the opportunity to go far beyond the basics and attain a higher level of fluency and competency in all language skills in the classroom all while earning 5 college credits. Activities may include creative, self-directed projects and presentations. The course ends with the college's End of Course Assessment. Students will be required to communicate predominately in the language. When completed, the students will be ready for 4th year of the language and then on to AP.

Note: Some universities require 3 years of a world language for admission.

Prerequisites: Successful completion of Year 2.

Year 4 Honors

grades 9-12

2 semesters

Chinese French German Japanese Salish Spanish

Fourth-year courses enable students to attain a high degree of proficiency in speaking, reading, writing and understanding the language. Practice in listening, conversation skills and reading novels in the target language is emphasized along with deeper understanding of history and traditions. Students learn advanced grammar and syntax and classes are conducted almost entirely in the target language.

Prerequisites: Successful completion of Year 3 Honors or Year 3 CHS.

Year 4 CHS (College in the High School)

grades 10-12

2 semesters

Chinese French German Japanese Spanish

Year 4 CHS is a college level curriculum. This class offers you the opportunity to go beyond basics and attain a higher level of fluency and competency in all language skills (reading, writing, speaking, and listening) as well as a deeper understanding of the culture and history. Daily exposure to the language and culture are the key to success in this class. Students will have to take an end of course assessment at the end of the semester from the college. Upon successful completion of Year 4 CHS, students will receive 5 college credits.

Prerequisites: Successful completion of Year 3 Honors or Year 3 CHS.

Year 4/5 AP

grade 12

2 semesters

Chinese French German Japanese Spanish

AP Language and Culture is intended for students in their 4th/5th year of language study. The target language is the exclusive language of communication in the course, where students are immersed in an environment enriched by authentic materials (literature, online journals, newspaper articles, podcasts music, film), guest speakers from our own community, and active teacher-student and student-student communication. The focus of the course is to prepare students to use the target language as effective communicators in real life settings via variety of opportunities to achieve proficiency in each of ACTFL's (American Council on the Teaching of Foreign Language) three modes of communication. Focus will center on the five themes of every AP language course: Beauty and Esthetics, Contemporary Life, Families and Communities, Global Challenges, Personal and Public Identities and Science and Technology. Throughout the course, students will engage in discussions, reflective writing, and prepare presentations in which they will make cultural comparisons regarding the products, practices, and perspectives of countries where their language is spoken and those of their own communities. Literature, arts, and media will give students exposure to practices and perspectives of many other countries around the world.

Prerequisites: Successful completion of Honors 4/Year 4 CHS or by permission of the teacher

Year 5 Independent Study

grade 11-12

2 semesters

French German Japanese Spanish

The 5th year of any language is an independent study. The teacher and student(s) meet 2-3 times per week to check in, answer questions and get help. The curriculum consists of novels, authentic texts, historical and cultural studies, technical grammar and vocabulary, writing and a focus on the spoken language. Students will make use of online programs, podcasts, magazines and publications in the target language. Students taking this course must be self-starters, dependable and able to work independently.

Prerequisites: Year 4 or AP



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Fitness & Health

Course Listings

Course Name	Prerequisite	Grade Level
Intro to Fitness	No	9, 10, 11**
Intro to Fitness- Student Athlete (SVL Only)	No	9, 10, 11
Health	No	9, 10, 11, 12
Lifetime Fitness	Yes	9, 10, 11, 12
Lifetime Fitness- Student Athlete (SVL Only)	Yes	9, 10, 11, 12
Advanced Lifetime Fitness	Yes	10, 11, 12
Lifetime Fitness- Aerobics	Yes	9, 10, 11, 12
Lifetime Fitness- Weights	Yes	10, 11, 12
Advanced Conditioning	Yes	10, 11, 12
Intro to Health Science Careers	No	9, 10, 11, 12
Fitness & Foods	Yes	10, 11, 12

*NCAA approved †CADR approve. **9th grade recommended



2.0 credits

Health	0.5
Fitness	1.5

Students must earn credit for fitness & health unless excused per RCW 28A.230.050.

Course Descriptions

Intro to Fitness

grade 9-11*

1 semester

In the first required semester of Fitness, students will participate in a variety of activities (sports, games, and fitness) in which they will demonstrate competency in activity-specific skills. Students will also apply knowledge of concepts, principles, strategies and tactics related to movement and performance, demonstrate knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness, exhibit responsible personal and social behavior, and recognize the value of physical activity. Students will analyze individual health behaviors and analyze their current fitness levels, demonstrate an ability to set and adjust individual fitness goals, and create and implement a personal health and fitness plan.

Note: Zero hour class, students must provide their own transportation.

Prerequisites: None

Graduation Requirement Credit: Fitness

**Recommended at grade 9*

Intro to Fitness-Student Athlete*

grade 9-11

1 semester

This course is the online version of Intro to Fitness for the student athlete. Students will access course content and submit assignments and assessments through Blackboard. The activity portion of the course is completed through participation in an approved community or school activity. More information can be obtained through the Spokane Virtual Learning Web Site or through your school counselor.

Prerequisites: None

Graduation Requirement Credit: Fitness

**SVL only*

Health

grade 9-12

1 semester

This required class focuses on a variety of health concepts and skills to help students plan for lifelong health and wellness. You will develop, demonstrate, and apply skills, including: analyzing influences on health behaviors; accessing valid information, products and services; using interpersonal communication and decision making; using goal-setting; practicing health-enhancing behaviors; and advocating for personal, family and community health. These skills will be woven into core ideas such as wellness, diseases, nutrition, safety, stress/social emotional health, substance use and abuse, and sexual health.

Also offered: SVL**Prerequisites:** None**Graduation Requirement Credit:** Health**Lifetime Fitness**

grade 9-12

2 semesters

In this required course, students will expand on the concepts and skills from Intro to Fitness. Students will refine activity specific skills, apply principles and create strategies to improve performance. Leadership and best practices for creating a safe physical activity environment will be a theme throughout. Creating, implementing, monitoring, self-assessing, and modifying a personal fitness and nutrition plan is also a key part of this course. The fitness center and activity monitors will be used to assess progress towards fitness goals.

Note: Zero Hour class students must provide their own transportation.**Prerequisites:** Intro to Fitness**Graduation Requirement Credit:** Fitness, Elective**Lifetime Fitness-Student Athlete***

grade 9-12

2 semesters

This course is the online version of Lifetime Fitness for the student athlete. Students will access course content and submit assignments and assessments through Blackboard. The activity portion of the course is completed through participation in an approved community or school activity. More information can be obtained through the Spokane Virtual Learning Web Site or through the school counselor.

Prerequisites: Intro to Fitness**Graduation Requirement Credit:** Fitness, Elective**SVL only***Advanced Lifetime Fitness**

grade 10-12

2 semesters

This course is designed for those students that want to continue to be active after completing the required fitness classes and want to build on the skills and concepts from Lifetime Fitness. Students will be placed in a Lifetime Fitness class if there are not enough students for a whole class on its own.

Prerequisites: Intro to Fitness, Lifetime Fitness A-B or equivalents**Graduation Requirement Credit:** Elective**Lifetime Fitness-Aerobics**

grade 9-12

1-2 semesters

Aerobics is a great option for students interested in staying fit and exploring alternative methods to maintain fitness and health. This class blends some of the traditional elements of lifetime fitness, expanding on the skills and concepts from Intro to Fitness, but with a fun mix of activities such as aerobic walking, yoga, Pilates, and strength training. In this class, you will be exposed to many great ways to improve and maintain fitness. Students will also have the opportunity to assess personal fitness levels, set goals and analyze personal habits. Heart rate monitors will be used to monitor progress and students will complete this class with a fitness plan and a love for healthy living.

Prerequisites: Intro to Fitness**Graduation Requirement Credit:** Fitness

Lifetime Fitness-Weights

grade 10-12

1-2 semesters

This course can be taken to meet the Lifetime Fitness credit requirement. Students will refine activity-specific skills, apply principles and create strategies to improve performance. Leadership and best practices for creating a safe physical activity environment will be a theme throughout. Students will create, implement, monitor, self-assess, and modify a personal fitness and nutrition plan. The weight room and activity monitors will be used to assess progress towards fitness goals. Students will complete this class with a fitness plan and a love for healthy living.

Note: Zero hour class, students must provide their own transportation.

Prerequisites: Intro to Fitness

Graduation Requirement Credit: Fitness

Advanced Conditioning

grade 10-12

1-2 semesters

This class is an elective only class designed for those students that have completed all fitness required courses and want to continue working towards their fitness goals in the weight room. Students will be expected to demonstrate, evaluate, use and build on skills and knowledge developed in prior fitness classes. This course is repeatable.

Note: Zero hour class, students must provide their own transportation.

Prerequisites: Intro to Fitness, Lifetime Fitness A-B OR equivalents

Graduation Requirement Credit: Elective

Intro to Health Science Careers

grade 9-12

1 semester

This class is designed for students interested in a career in the medical field that has job security, high wages and makes a significant difference in people's lives. Students will explore careers in all areas of health care and will take field trips to multiple health-related sites and hear from guest speakers who currently work in health careers. Students will learn basic human anatomy, medical terminology, diseases and basic medical skills through hands-on activities. Some of the skills acquired will include analyzing influences on health behaviors, accessing valid information, products and services, using interpersonal communication, using decision-making, using goal-setting; practicing health-enhancing behaviors, and, advocating for personal, family and community health. Handling stress, making ethical decisions, working with a diverse population and leadership skills will be emphasized. This class satisfies the Health graduation requirement, or half of the Career and Technical Education graduation requirement.

Prerequisites: None

Graduation Requirement Credit: Health, CTE, Elective

Fitness and Foods

grade 10-12

1-2 semesters

Fitness and Foods can be taken to meet the Lifetime Fitness (Year 2) credit requirement, expanding on the concepts and skills in Intro to Fitness. Students will refine activity specific skills, apply principles and create strategies to improve performance. Leadership and best practices for creating a safe physical activity environment will be a theme throughout. Students will create, implement, monitor, self-assess, and modify a personal fitness and nutrition plan. Opportunities are provided to evaluate the attitudes and behaviors related to student wellness. The course will include acquiring health management skills through foods, nutrition, a variety of activities and exercise, and positive self-image and stress management. The food labs focus on healthy food preparation methods. The fitness center and activity monitors will be used to monitor progress towards fitness goals.

Prerequisites: Semester A: Intro to Fitness Semester B: Semester A of Lifetime Fitness OR equivalent

Graduation Requirement Credit: Fitness, Elective



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Visual & Performing Arts

Course Listings

Course Name	Prerequisite	Grade Level
Dance		
Precision Dance†	Yes	9, 10, 11, 12
Music – Band		
Band – Intermediate†	Yes	9, 10, 11, 12
Band-Wind Ensemble – Advanced†	Yes	9, 10, 11, 12
Jazz Band – Intermediate†	Yes	9, 10, 11, 12
Jazz Band – Advanced†	Yes	9, 10, 11, 12
Percussion Ensemble – Intermediate†	No	9, 10, 11, 12
Percussion Ensemble – Advanced†	Yes	9, 10, 11, 12
Instrumental Small Ensemble†	Yes	9, 10, 11, 12
Music – Choir		
Choir – Intermediate†	No	9, 10, 11, 12
Choir – Advanced†	Yes	9, 10, 11, 12
Vocal Small Ensemble – Intermediate†	Yes	9, 10, 11, 12
Vocal Small Ensemble – Advanced†	Yes	9, 10, 11, 12
Show Choir†	Yes	9, 10, 11, 12
Jazz Choir†	Yes	9, 10, 11, 12
Vocal Solo and Ensemble†	Yes	9, 10, 11, 12
Music – Orchestra		
Orchestra – Intermediate†	Yes	9, 10, 11, 12
Orchestra – Advanced†	Yes	9, 10, 11, 12
Chamber Orchestra†	Yes	9, 10, 11, 12
Instrumental Small Ensemble†	Yes	9, 10, 11, 12
Music – Other		
Guitar Lab†	No	9, 10, 11, 12
Piano Lab†	No	9, 10, 11, 12
Music Theory†	Yes	9, 10, 11, 12
AP Music Theory†	Yes	11, 12
*NCAA approved †CADR approved		



2.0 credits

VPA 2.0

*One of the credits may be a PPR** course.*

***Applies to Class of 2021 and beyond. Class of 2020: check with your school counselor on these requirements.*

Visual Art • Music • Theatre • Dance

Course Listings

Course Name	Prerequisite	Grade Level
Theatre		
Beginning Theatre†	No	9, 10, 11, 12
Intermediate Theatre†	Yes	9, 10, 11, 12
Advanced Theatre†	Yes	10, 11, 12
Advanced Musical Theatre†	Yes	10, 11, 12
Visual Art		
Drawing, Sculpting and Painting†	No	9, 10, 11, 12
Drawing – Intermediate†	Yes	9, 10, 11, 12
Drawing – Advanced†	Yes	10, 11, 12
Painting – Intermediate†	Yes	9, 10, 11, 12
Painting – Advanced†	Yes	10, 11, 12
Ceramics – Intermediate†	Yes	10, 11, 12
Ceramics – Advanced†	Yes	10, 11, 12
Senior Studio†	Yes	11, 12
AP Studio Art: Drawing (non-photography)†	Yes	10, 11, 12
AP Studio Art: 2-D Design (non-photography)†	Yes	10, 11, 12
AP Studio Art: 3-D Design†	Yes	10, 11, 12

*NCAA approved †CADR approved



2.0 credits

VPA 2.0

*One of the credits may be a PPR** course.*

***Applies to Class of 2021 and beyond. Class of 2020: check with your school counselor on these requirements.*



VPA course offerings vary by school. Consult your counselor on options.

Course Descriptions

Dance

Precision Dance

grade 9-12

2 semesters

Learn basic dance concepts and styles while preparing to perform at events, contests and sporting venues. All students will also have the opportunity to explore the fundamentals of dance choreography. Participation requires a commitment to performing both in class and outside of the school day. Some costs related to costumes may be required.

Prerequisites: audition required

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Fitness, Education

Music - Band

Band – Intermediate

grade 9-12

2 semesters

Students who play brass, woodwind and percussion instruments should enroll in this class. Fundamentals of all band instruments will be introduced and explored. This is a great class to sharpen performance skills in order to audition for the select, more advanced ensembles. Various styles of band music will be performed. Students in this class will also have the opportunity to be part of the school marching and pep bands. Opportunities to perform include (but are not limited to) festivals, contests, sporting activities and concerts. There are possible fees for use of school instruments and uniform cleaning that may be charged.

Prerequisites: Special permission of the instructor is required.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Band-Wind Ensemble – Advanced

grade 9-12

2 semesters

This select band consists of students who have a strong instrumental music background. Students will get a chance to sharpen their skills through challenging music and performances. All styles of band music will be performed. Students in this class will also have the opportunity to be part of the school marching and pep bands. Participation requires a commitment to performing both in class and outside of the school day. Opportunities to perform include (but are not limited to) festivals, contests, sporting activities and concerts. An audition is required. There are possible fees for use of school instruments and uniform cleaning that may be charged.

Prerequisites: Special permission of the instructor is required.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Jazz Band – Intermediate

grade 9-12

2 semesters

Students who would like to explore instrumental jazz music should take this class. All aspects of the fundamentals of proper jazz techniques will be introduced. Instruments included in a jazz ensemble are saxophone, trumpet, trombone, piano, guitar, bass guitar and percussion. Participation requires a commitment to performing both in class and outside of the school day. Opportunities to perform include (but are not limited to) festivals, contests, and concerts. There are possible fees for use of school instruments and uniform cleaning that may be charged.

Prerequisites: Special permission of the instructor is required as well as possible ties to another performing ensemble.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Jazz Band – Advanced

grade 9-12

2 semesters

This is a select jazz ensemble for the serious instrumental musician who desires advanced training in jazz concepts and performance. Instruments included in a jazz ensemble are saxophone, trumpet, trombone, piano, guitar, bass guitar and percussion. An active performing schedule including school concerts and special community events is a major aspect of this ensemble. Opportunities to perform include (but are not limited to) festivals, contests, and concerts. There are possible fees for use of school instruments and uniform cleaning that may be charged.

Prerequisites: Audition is required as well as possible ties to another performing ensemble.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Percussion Ensemble – Intermediate

grade 9-12

2 semesters

This class is for the student who is interested in exploring many different phases of the world of percussion. The members of this class may comprise all (or part) of the percussion sections of the intermediate and advanced bands, marching band, and pep band. They also perform percussion ensemble music and solo literature. There are possible fees for use of school instruments and uniform cleaning that may be charged.

Prerequisites: None.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Percussion Ensemble – Advanced

grade 9-12

2 semesters

This course is for percussionists who have had previous percussion experience and are interested in further developing their ability in the percussive arts. Emphasis is placed on the fundamentals of comprehensive percussion performance (snare drum, timpani, keyboards, marching percussion, and drum set), including tonal concepts, technical skills, rehearsal skills, aural skills, and rudimentary music theory. In addition to several formal concerts, members are required to perform for various school/community performances, and sectional rehearsals. Attendance at these functions, when scheduled outside of school hours, is a course requirement. Members of the Advanced Percussion Ensemble combine with musicians of the Concert Band, Wind, Ensemble, and Symphonic Band to perform at large concerts. In addition, members of the Advanced Percussion Ensemble have the opportunity to participate in a variety of co-curricular music ensembles and activities.

Prerequisites: Special permission of the instructor is required.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Instrumental Small Ensemble

grade 9-12

2 semesters

Students in this class will be assigned to a small ensemble (duet, trio, quartet, quintet, etc.). The instructor will guide these ensembles as they explore chamber music appropriate for their ensemble's ability level and instrument grouping. Depending on the interest of the students and ensemble possibilities, all instruments could possibly be included. Opportunities to perform include (but are not limited to) festivals, contests, tours and concerts. There are possible fees for use of school instruments and uniform cleaning that may be charged.

Prerequisites: Special permission of the instructor is required.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Music – Choir

Choir - Intermediate

grade 9-12

2 semesters

This course is open to all students who want to improve their vocal and musicianship skills. Intermediate choir is essential for students who would like to be in the Advanced Choir or auditioned specialty ensembles. Emphasis is given in rehearsal and concert etiquette and the responsibilities associated with membership in a performing ensemble. Students will learn basic music theory and music reading skills. The class will focus on tone quality and intonation within the ensemble as well as vocal technique and musical interpretation. Participation requires a commitment to performing both in class and outside of the school day. Opportunities to perform include (but are not limited to) festivals, contests, and concerts. There are possible fees for uniform cleaning that may be charged.

Prerequisites: None

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Choir – Advanced

grade 9-12

2 semesters

Students will continue to focus on tone quality, intonation, music theory and sight reading. Choral literature of various forms and genres will be performed. Participation requires a commitment to performing both in class and outside of the school day. Opportunities to perform include (but are not limited to) festivals, contests, tours and concerts. There are possible fees for uniform cleaning that may be charged.

Prerequisites: Audition/instructor permission is required.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Vocal Small Ensemble – Intermediate

grade 9-12

2 semesters

This course is open to students who want to improve their vocal and musicianship skills in a small ensemble setting (a large variety of music styles will be introduced). Participation requires a commitment to performing both in class and outside of the school day. Opportunities to perform include (but are not limited to) festivals, contests, tours, and concerts. There are possible fees for uniform cleaning that may be charged. (Note: possible sections include: men's choir, women's choir, class voice, etc.)

Prerequisites: Special permission of the instructor is required as well as possible ties to another performing ensemble.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Vocal Small Ensemble – Advanced

grade 9-12

2 semesters

These students will continue to sharpen their vocal technique through more demanding music in a small ensemble setting. Strong emphasis is placed on musical interpretation, expression, presentation and the ability to work independently as well as within the ensemble. An active performing schedule including school concerts and special community events is a major aspect of this ensemble. Opportunities to perform include (but are not limited to) festivals, contests, tours and concerts. There are possible fees for uniform cleaning that may be charged. (Note: possible sections include: men's choir, women's choir, class voice, etc.)

Prerequisites: Audition is required and possible ties to membership in another performing ensemble.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Show Choir

grade 9-12

2 semesters

This class is for students who want to develop musical skills through singing, choreography and dance. Various styles of music will be performed with an emphasis on Broadway and popular selections. Opportunities to perform include concerts, festivals, tours and community events.

Prerequisites: Audition is required and possible ties to membership in another performing ensemble.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Jazz Choir

grade 9-12

2 semesters

This is a select vocal jazz ensemble. Students will learn jazz concepts such as vocal improvisation, while they continue to develop their vocal technique. They will also learn how to use PA equipment. An active performing schedule including school concerts and special community events is a major aspect of this ensemble. Opportunities to perform include (but are not limited to) festivals, contests, tours and concerts. A rhythm section including piano, bass guitar and percussion may also be auditioned for this class. There are possible fees for uniform cleaning that may be charged.

Prerequisites: Audition is required and possible ties to membership in another performing ensemble.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Vocal Solo and Ensemble

grade 9-12

2 semesters

Students will be given the opportunity to work on music independently as a soloist or as a member of small or large vocal ensemble. A large variety of music styles will be introduced. Participation requires a commitment to performing both in class and outside of the school day. Opportunities to perform include (but are not limited to) festivals, contests, tours, and concerts. There are possible fees for uniform cleaning that may be charged.

Prerequisites: Permission of the instructor is required and possible ties to membership in another performing ensemble.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Music – Orchestra**Orchestra – Intermediate**

grade 9-12

2 semesters

Students who play string instruments should enroll in this class (other orchestral instruments will sometimes be added by the instructor). Fundamentals of orchestra techniques will be introduced and explored. This is a great class to sharpen performance skills in order to audition for the select, more advanced ensemble. Various styles of orchestra music will be performed. Opportunities to perform include (but are not limited to) festivals, contests, tours and concerts. There are possible fees for use of school instruments and uniform cleaning that may be charged.

Prerequisites: Special permission of the instructor is required.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Orchestra – Advanced

grade 9-12

2 semesters

This select orchestra consists of strings students who have a strong instrumental music background (other orchestral instruments will sometimes be added by the instructor). Students will get a chance to sharpen their skills through challenging music and performances. All styles of orchestra music will be performed. Participation requires a commitment to performing both in class and outside of the school day. Opportunities to perform include (but are not limited to) festivals, contests, tours and concerts. There are possible fees for use of school instruments and uniform cleaning that may be charged.

Prerequisites: Audition or Instructor Permission required

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Chamber Orchestra

grade 9-12

2 semesters

This class is for experienced orchestra students who would like to develop a thorough understanding of proper string techniques and string chamber music. An active performing schedule including school concerts and special community events is a major aspect of this ensemble. Opportunities to perform include (but are not limited to) festivals, contests, tours and concerts. There are possible fees for use of school instruments and uniform cleaning that may be charged.

Prerequisites: Audition is required.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Instrumental Small Ensemble

grade 9-12

2 semesters

Students in this class will be assigned to a small ensemble (duet, trio, quartet, quintet, etc.). The instructor will guide these ensembles as they explore chamber music appropriate for their ensemble's ability level and instrument grouping. Depending on the interest of the students and ensemble possibilities, all instruments could possibly be included. Opportunities to perform include (but are not limited to) festivals, contests, tours and concerts. There are possible fees for use of school instruments and uniform cleaning that may be charged.

Prerequisites: Special permission of the instructor is required.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Music – Other**Guitar Lab**

grade 9-12

2 semesters

This course is for the beginning or intermediate guitar player who would like to learn music fundamentals while exploring skills required to play the guitar. School instruments are available for student use. Please contact your school instructor for more information on instrument availability. There are possible fees for the use of school instruments.

Prerequisites: None

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Piano Lab

grade 9-12

2 semesters

This course is for the beginning or intermediate pianist who would like to learn music fundamentals while exploring skills required to play the piano. Reading music will be stressed as well as proper technique and performance etiquette.

Prerequisites: None

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Music Theory

grade 9-12

2 semesters

The fundamentals of music will be explored in this class. The student will learn the basics of harmony, melody, and rhythm as well as other aspects of music composition and arranging. This class is for the student who would like to eventually be able to compose or arrange music. Previous experience in instrumental or vocal music is recommended.

Prerequisites: Special permission of the instructor is required.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

AP Music Theory

grade 11-12

2 semesters

This course is designed to provide instruction and preparation at the advanced level required for successful completion of the AP Music Theory Exam, including music literacy (musical notation and terminology), aural skills (sight singing and dictation), form and analysis, and composition.

Prerequisites: Special permission of the instructor is required. Proficiency in reading rhythmic notation is fundamental.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Theatre

Beginning Theatre

grade 9-12

2 semesters

This beginning theatre course is designed to develop acting skills and gain a general knowledge of the theater world. Special emphasis is directed toward concentration and development of characterization. This is a group activity class in which all students take an active part.

Prerequisites: None

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Intermediate Theatre

grade 9-12

2 semesters

This intermediate theatre course takes a deeper look into the fundamental skills and techniques used in the theater. Special emphasis is directed toward development of more advanced characterizations, basic set design, costuming and make-up. This is a group activity class in which all students take an active part.

Prerequisites: Beginning Theatre or demonstration of the beginning drama standards.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Advanced Theatre

grade 10-12

2 semesters

This advanced theatre course takes a deeper look into all areas of the theater. The first semester will involve study in the areas of make-up, set design, set construction, costumes, properties, acting, types of theater and directing. The second semester will involve the practical application of the material learned during the first semester. Participation requires a commitment to performing both in class and outside of the school day.

Prerequisites: Intermediate Theatre, audition.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Advanced Musical Theatre

grade 10-12

2 semesters

Do you have what it takes to sing, dance, and act? This class focuses on the skills needed to gain the endurance to perform eight times a week in a full scale Broadway Musical and prepare for a collegiate Musical Theatre program. We focus on all styles of theatrical dance and singing. You too can learn to tap, pop and lock, and hip-hop your way to stardom. Participation requires a commitment to performing both in class and outside of the school day.

Prerequisites: Beginning or Intermediate Theatre, audition.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Visual Art

Drawing, Sculpting and Painting

grade 9-12

2 semesters

Students explore a variety of media providing a foundation in the elements and principles of art with an emphasis on drawing, sculpting and painting. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere. This course is a suggested prerequisite for all other 2D & 3D visual art classes.

Prerequisites: None

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Drawing – Intermediate

grade 9-12

2 semesters

Students will apply the elements and principles of visual art by demonstrating a variety of drawing media and techniques to create artwork. Subject matter will vary from still life to the human form to nature and abstract design. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere.

Prerequisites: Drawing, Sculpting and Painting or a demonstrated understanding of visual arts elements and principles.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Drawing – Advanced

grade 10-12

2 semesters

Students will apply the elements and principles of visual art by demonstrating a variety of drawing media and techniques to create artwork. Subject matter will vary from still life to the human form to nature and abstract design. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere.

Prerequisites: Intermediate Drawing or a demonstrated understanding of advanced visual arts.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Painting – Intermediate

grade 9-12

2 semesters

Students will apply the elements and principles of visual art by demonstrating a variety of painting techniques to create artwork. Subject matter will vary from still life to the human form to nature and abstract design. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere.

Prerequisites: Drawing, Sculpting and Painting or a demonstrated understanding of the visual arts elements and principles.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Painting – Advanced

grade 10-12

2 semesters

Students will apply the elements and principles of visual art by demonstrating a variety of painting techniques to create artwork. Subject matter will vary from still life to the human form to nature and abstract design. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere.

Prerequisites: Intermediate Painting or a demonstrated understanding of advanced visual arts elements and principles.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Ceramics – Intermediate

grade 10-12

2 semesters

Students will apply the elements and principles of visual art while learning various skills and techniques including: hand building; throwing on the potter's wheel; glazing and decorating. Students will construct a variety of functional, utilitarian, and sculptural forms. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere.

Prerequisites: Drawing, Sculpting & Painting or a demonstrated understanding of the visual arts elements and principles.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Ceramics – Advanced

grade 10-12

2 semesters

Students will apply the elements and principles of visual art while learning various skills and techniques including: hand building; throwing on the potter's wheel; glazing and decorating. Students will construct a variety of functional, utilitarian, and sculptural forms. The study of art history, cultures, and artists will provide vocabulary skills and a foundation for students to discuss and evaluate their own work in a supportive atmosphere.

Prerequisites: Intermediate Ceramics or a demonstrated understanding of advanced visual arts elements and principles

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

Senior Studio

grade 11-12

2 semesters

This is an advanced art class for students who have decided to pursue an art career or seek scholarships to art schools and/or universities. In this class, students will have the opportunity to produce a portfolio of selected work. Students should have completed two years of art.

Prerequisites: Permission of the instructor is required and a demonstration of established criteria.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

AP Studio Art: Drawing (non-photography)

grade 10-12

2 semesters

Advanced Placement Studio Art is for art students that are interested in completing the AP Drawing Portfolio & AP 2-D Design Portfolio to submit to the College Board to receive college credit. Students are challenged to develop their own work while meeting the requirements for the portfolio as stated by the College Board. This class explores a variety of mediums, subject matters, and styles. Drawing will emphasize mark making and line in each piece of artwork. 2-D Design will emphasize the use of the principles of art in each piece of artwork.

Prerequisites: Drawing, Sculpting and Painting plus one semester of Drawing or Painting. Permission of instructor.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

AP Studio Art: 2-D Design (non-photography)

grade 10-12

2 semesters

Advanced Placement Studio Art is for art students that are interested in completing the AP 2-D Design Portfolio to submit to the College Board to receive college credit. Students are challenged to develop their own work to demonstrate mastery through any two-dimensional medium or process, while meeting the requirements for the portfolio as stated by the College Board. This class explores a variety of mediums, subject matters, and styles.

Prerequisites: Drawing, Sculpting and Painting plus one semester of Drawing or Painting. Permission of instructor.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education

AP Studio Art: 3-D Design

grade 10-12

2 semesters

Advanced Placement Studio Art is for art students that are interested in completing the AP 3-D Design Portfolio to submit to the College Board to receive college credit. Students are challenged to develop their own work to demonstrate mastery through any three-dimensional medium or process, while meeting the requirements for the portfolio as stated by the College Board. This class explores a variety of mediums, subject matters, and styles.

Prerequisites: Drawing, Sculpting and Painting plus one semester of Drawing or Painting. Permission of instructor.

Graduation Requirement Credit: Art

Program of Study: Arts, Humanities, Education



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Career & Technical Education

Course Listings

Course Name	Prerequisite	Grade Level
Agriculture		
Agricultural Worksite Experience	Yes	11, 12
Plant Science 1	No	9, 10, 11, 12
Plant Science 2	Yes	10, 11, 12
Plant Science Workshop	Yes	10, 11, 12
Arts & A/V Technology		
AP Studio Art 2D-Digital Photography	No	10, 11, 12
Digital Photography 1	No	9, 10, 11, 12
Digital Photography 2	Yes	10, 11, 12
Filmmaking	No	9, 10, 11, 12
Stagecraft	No	9, 10, 11, 12
TV/Video Production	No	9, 10, 11, 12
Visual and Performing Arts Worksite Experience	Yes	11, 12
Business & Marketing		
Accounting	No	9, 10, 11, 12
Business and Marketing 1 ⁺	No	9, 10, 11, 12
Business and Marketing 2	Yes	10, 11, 12
Business CO-OP	None	10, 11, 12
Business Education Worksite Experience	Yes	11, 12
Career Focus	Yes	11, 12
Criminal Justice ⁺	Yes	10, 11, 12
Independent Business Project (IBP)	Yes	11, 12
Leadership in Business	None	9, 10, 11, 12
Legal Studies	None	9, 10, 11, 12
Microsoft Operating Systems Certified Applications Specialist	Yes	10, 11, 12
Sports Entertainment Marketing	None	9, 10, 11, 12
Store Operations and Management	Yes	10, 11, 12
Web Design	None	9, 10, 11, 12
Communications		
Yearbook	Yes	9, 10, 11, 12
*NCAA approved †CADR approved		



1.0 credit

CTE 1.0

PPR: 3.0 credits could apply to Personalized Pathway Requirements.**

Equivalency Credit: many CTE courses meet academic requirements, including state and district graduation requirements.

See page 8 for a full list of CTE credit equivalencies.


tip

CTE course offerings may vary by school. Talk to your counselor about options.

***Applies to Class of 2021 and beyond. Class of 2020: check with your school counselor on these requirements.*

Career & Technical Education

Course Listings

Course Name	Prerequisite	Grade Level
Construction/Manufacturing		
Aerospace Engineering/Core Plus 1**	No	9, 10, 11, 12
Aerospace Engineering/Core Plus 2**	Yes	10, 11, 12
Jewelry and Small Sculpture 1	No	9, 10, 11, 12
Jewelry and Small Sculpture 2	Yes	10, 11, 12
Metals Production Technology 1	No	9, 10, 11, 12
Metals Production Technology 2	Yes	10, 11, 12
Precision Production Worksite Experience	Yes	11, 12
Woods and Composites Technology 1	No	9, 10, 11, 12
Woods and Composites Technology 2	Yes	10, 11, 12
Education Training		
Careers in Education / Teaching Academy	Yes	11, 12
Child Development	No	9, 10, 11, 12
Early Childhood Assistant	Yes	11, 12
Early Childhood Education	Yes	10, 11, 12
Early Childhood Worksite Experience	Yes	11, 12
Family and Consumer Science		
AP Studio Art 3D-Fabric and Fashion	No	9, 10, 11, 12
Culinary and Hospitality Worksite Experience	Yes	11, 12
Culinary and Hospitality-ProStart 1	No	10, 11, 12
Culinary and Hospitality-ProStart 2	Yes	11, 12
Culinary and Hospitality-ProStart Internship	Yes	10, 11, 12
FACSE Worksite Experience	Yes	11, 12
Food Production and Services Worksite	Yes	11, 12
Foods and Fitness	No	10, 11, 12
Foods and Nutrition	No	9, 10, 11, 12
International Foods	Yes	10, 11, 12
Health Sciences		
Intro to Health Science Careers	No	9, 10, 11, 12
Sports Medicine 1	No	9, 10, 11, 12
Sports Medicine 2	Yes	10, 11, 12
Sports Medicine Clinical	Yes	11, 12
Military Science		
Military Studies 100 (AFJROTC)	No	9, 10, 11, 12
Military Studies 200 (AFJROTC)	Yes	10, 11, 12
Military Studies 300 (AFJROTC)	Yes	10, 11, 12
Military Studies 400 (AFJROTC)	Yes	12

*NCAA approved †CADR approved



1.0 credit

CTE 1.0

PPR: 3.0 credits could apply to Personalized Pathway Requirements.**

Equivalency Credit: many CTE courses meet academic requirements, including state and district graduation requirements.

See page 8 for a full list of CTE credit equivalencies.

**Applies to Class of 2021 and beyond. Class of 2020: check with your school counselor on these requirements.

Career & Technical Education

Course Listings

Course Name	Prerequisite	Grade Level
STEM: Biomedical		
Biomedical Solutions-IST**†	Yes	10, 11, 12
Biomedical Technology-IST**†	No	9, 10, 11, 12
Genomic Research-IST*	Yes	11, 12
PLTW Year 1-Principles of Biomedical Science**†	No	9, 10, 11, 12
PLTW Year 2-Human Body Systems**†	Yes	10, 11, 12
PLTW Year 3-Medical Interventions*	Yes	11, 12
PLTW Year 4-Biomedical Innovations*	Yes	12
STEM: Computer Science		
Advanced Computer Programming**†	Yes	10, 11, 12
AP Computer Science	No	9, 10, 11, 12
Cyber-Security	No	9, 10, 11, 12
Digital Game Programming	No	9, 10, 11, 12
Exploring Computer Science	No	9, 10, 11, 12
STEM: Engineering		
Aerospace Engineering & Manufacturing/Core Plus 1**†	No	9, 10, 11, 12
Aerospace Engineering & Manufacturing/Core Plus 2**†	Yes	10, 11, 12
Aerospace Engineering-PLTW	Yes	10, 11, 12
Civil Engineering and Architecture-PLTW	Yes	10, 11, 12
Drafting and Design Technology	No	9, 10, 11, 12
Engineering by Design-Year 1	No	9, 10, 11, 12
Engineering by Design-Year 2	Yes	10, 11, 12
Engineering Design and Development-PLTW	Yes	11, 12
Engineering Technologies Worksite Experience	Yes	11, 12
Introduction to Engineering Design-PLTW	No	9, 10, 11, 12
Principles of Engineering-PLTW*	Yes	9, 10, 11, 12
Transportation		
Auto Mechanics 1	No	9, 10, 11, 12
Auto Mechanics 2	Yes	10, 11, 12
Auto Mechanics Technology Worksite Experience	Yes	11, 12
*NCAA approved †CADR approved		



1.0 credit

CTE 1.0

PPR: 3.0 credits could apply to Personalized Pathway Requirements.**

Equivalency Credit: many CTE courses meet academic requirements, including state and district graduation requirements.

See page 8 for a full list of CTE credit equivalencies.

tip

CTE course offerings may vary by school. Talk to your counselor about options.

**Applies to Class of 2021 and beyond. Class of 2020: check with your school counselor on these requirements.

Course Descriptions

Agriculture

Plant Science-1 grade 9-12 2 semesters

This is an activity-oriented career and technical science class designed for students interested in plant sciences. Hands-on projects are used in conjunction with the detailed study of plants, their uses, growth, and environment. Students will explore a variety of subject areas through hands-on activities integrating science concepts, chemistry, and botany. Students will participate in corresponding labs such as plant propagation, greenhouse crop production and sales, soil testing, landscaping, plant identification and care, terrariums, and floral projects. Career awareness and the development of business and leadership skills through FFA activities are available. Completion of one full year of Plant Science may fulfill one credit toward the science requirement.

Prerequisites: None

Graduation Requirement Credit: CTE, Lab Science

Program of Study: Agriculture

Plant Science-2 grade 10-12 2 semesters

This class is designed to prepare students for a career related to horticulture through “hands on” activities integrating science concepts, chemistry, and botany. Students will work through a series of units developing skills in floriculture, greenhouse production and operation, landscaping, and nursery production. Emphasis will also be given to agri-business skills such as salesmanship and management. Practical experience will be gained through operating the school flower shop and greenhouses as well as maintaining and beautifying school grounds

Prerequisites: Plant Science-1

Graduation Requirement Credit: CTE, Lab Science

Program of Study: Agriculture

Plant Science Workshop grade 10-12 2 semesters

This workshop is held in conjunction with Plant Science Year 2 and is an independent study. Opportunities are provided to develop skills in specialized areas according to personal interests in Plant Science.

Prerequisites: Plant Science-1 and completed or concurrently enrolled in Plant Science 2

Graduation Requirement Credit: CTE

Program of Study: Agriculture

Agricultural Worksite Experience grade 11-12 2 semesters

This is a great way for you to put what you have learned in an agricultural-related course by working at an actual job site in these fields. If you are currently enrolled or have previously taken an agricultural-related class, you may qualify to earn one credit for every 360 hours you work. You will work with your employer and a high school teacher/coordinator to create a valuable learning experience in the real world. Must have completed a related qualifying class AND have coordinator’s permission.

Prerequisites: Must be 16 to enroll; Plant Science 1 and Plant Science 2

Graduation Requirement Credit: CTE

Program of Study: STEM

Arts & A/V Technology

AP Studio Art 2D-Digital Photography

grade 10-12

2 semesters

Advanced Placement Studio Art 2D is for art students that are interested in completing the AP Digital Photography Portfolio to submit to the College Board to receive college credit. Students are challenged to develop their own work while meeting the requirements for the portfolio as stated by the College Board. This class explores a variety of mediums, subject matters, and styles of digital photography.

Prerequisites: None

Graduation Requirement Credit: CTE, Art

Program of Study: Skilled & Technical Sciences

Digital Photography 1

grade 9-12

2 semesters

In this course, you will gain knowledge of fundamental competencies in electronic digital cameras such as: image capture, lighting, lenses, scanning both negative and positive images in black and white and in color (with a greater emphasis on color). This class may be used for CTE OR Art credit. Articulated College credit at SCC is available for completing specific skills in this course. There may be a cost for special projects.

Prerequisites: None

Graduation Requirement Credit: CTE, Art

Program of Study: Skilled & Technical Sciences

Digital Photography 2

grade 10-12

2 semesters

In this course you will increase knowledge of electronic digital camera competencies such as: image capture, lighting, lenses, scanning both negative and positive images in black and white and in color (with a greater emphasis on color). This class may be used for CTE or Art credit. Articulated College credit at SCC is available for completing specific skills in this course. There may be a cost for special projects.

Prerequisites: Digital Photography 1

Graduation Requirement Credit: CTE, Art

Program of Study: Skilled & Technical Sciences

TV/Video Production

grade 9-12

2 semesters

Students experience the entire video production process: scripting, shooting, and editing for TV and features. The curriculum covers planning, shooting, editing and publishing videos for the school community.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Skilled & Technical Sciences

Filmmaking

grade 9-12

2 semesters

Student's script, shoot, edit, and produce documentaries, features, comedies, and industrials. Curriculum covers elements of art and principles of design, audio, script writing, producing, directing, and editing.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Skilled and Technical Sciences

VPA Worksite Experience

grade 11-12

1 semester, can be repeated

The Visual and Performing Arts Worksite Experience is a great way to earn credit by putting what you have learned in visual and/or performing arts to use by working at an actual job site. If you are currently enrolled or have previously taken Digital Photography Year 2, TV/Video Production, Film Making, Stagecraft; you may qualify to earn one credit for every 360 hours you work. You will work with your employer and a high school teacher/coordinator to create a valuable learning experience in the real world. Must have completed or be enrolled in a related qualifying class AND have coordinator's permission.

Prerequisites: Must be 16 to enroll; be enrolled in, or have completed, Digital Photography 2, TV/Video Production, Film Making, and Stagecraft.

Graduation Requirement Credit: CTE

Program of Study: Skilled & Technical Sciences

Business & Marketing

Accounting

grade 9-12

2 semesters

This course introduces you to the profession of accounting. Learn accounting principles and theories, financial accounting, budget control, tax accounting, legal aspects of accounting, auditing, reporting procedures, statement creation and analysis, professional standards and ethics, and specific applications for running a business.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Business and Marketing

Business & Marketing 1

grade 9-12

2 semesters

This is a great course for students if you are interested in any area of business and marketing. Students obtain career and professional development and are exposed to a wide variety of marketing topics such as business ownership, promotion, sales, economics, communication and leadership. Students can participate in a marketing leadership organization called DECA.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Business and Marketing

Business & Marketing 2

grade 10-12

2 semesters

Continue with the final leg of the marketing and DECA journey. This final course in the marketing sequence will focus on what it takes to be a business owner. The coursework explores Operations, Business Law, Product/Service Management, and the development of the business plan. DECA, an association of over 180,000 marketing students focuses on business, leadership, and community service. Students have the opportunity to participate in leadership trainings and DECA Competitions. DECA partners with many national corporations which offer employment and scholarship opportunities.

Prerequisites: Business and Marketing 1

Graduation Requirement Credit: CTE

Program of Study: Business and Marketing

Business CO-OP

grade 10-12

2 semesters

Have you ever wondered what it would be like to own a business? Do you think you have what it takes to succeed in the fast paced, exciting world of commerce? Find out by taking this class. Entrepreneurship, management, records processing and human resources are part of the curriculum. CO-OP is a yearlong course. Three college credits at SCC are available by taking this class.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Business and Marketing

Business Education Worksite Experience

grade 11-12

2 semesters

This is a great way for you to put what you have learned in the business classroom to use by working at an actual job site. If you are currently enrolled, or have previously taken a business education course and work in a business, management or administrative related occupation, you may qualify to earn one credit for every 360 hours you work. You will work with your employer and a high school teacher/coordinator to create a valuable learning experience in the real world.

Prerequisites: Must be 16 to enroll and have taken, or currently enrolled in, a Business course.

Graduation Requirement Credit: CTE

Program of Study: Business and Marketing

Career Focus

grade 11-12

1 semester, can be repeated

Career Focus is a community-based, learning and training opportunity where students receive instruction from a business mentor as well as the teacher/coordinator through a work-site experience. Individualized training plans are collaboratively developed to allow students to explore their interests, gain work-related skills and apply classroom learning in a hands-on setting. You will understand and be able to use the skills, work habits, and attitudes necessary to succeed in the world of work by taking this course. Applied economics, job search and retention, business math, human relations, problem solving and communications are among the components of this class.

Prerequisites: Must be 16 years old to enroll; prior CTE Course

Graduation Requirement Credit: CTE

Program of Study: Various CTE

Criminal Justice

grade 10-12

2 semesters

This course outlines the administration of justice, U.S. Constitution and bringing someone to trial to determine innocence or guilt. The student will learn about the legal implications of various decisions made during these processes and reflect on the criminal justice system with a critical and ethical eye.

Prerequisites: Legal Studies

Graduation Requirement Credit: CTE

Program of Study: Business and Marketing

Independent Business Project

grade 11-12

2 semesters

Independent Business Project (IBP) is designed to provide self-directed students the opportunity to plan and complete an in-depth project in a business area of their interest. The teacher will approve, monitor and evaluate the project.

Prerequisites: Previous Business and Marketing Course(s)

Graduation Requirement Credit: CTE

Program of Study: Business and Marketing

Leadership In Business

grade 9-12

2 semesters

Students study the basic qualities of leadership and its role both in school and in the community. They learn to run ASB meetings, plan school activities, and set the tone for school spirit and the schools' place in the community. Guest speakers, field trips, and other experiences help students explore the challenges and opportunities that come with leadership while carrying on the school's tradition of excellence.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Business and Marketing

Legal Studies

grade 9-12

2 semesters

Thinking of a career in law? If so, this class is a must. Legal Studies focuses on legal practices and issues from the perspective of the social sciences, humanities, and business. Your learning will include instruction in the theory and practice of the legal system, including the statutory, administrative, and judicial components of civil and criminal law. This class culminates with a mock trial competition with other schools.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Business and Marketing

Microsoft Operating Systems Certified Applications Specialist

grade 10-12

2 semesters

These courses introduce advanced computer applications and cover all aspects of the Microsoft Office suite. Students completing these courses may earn Microsoft User Specialist Certifications in the areas of Word, Excel, Access, and PowerPoint. Desktop publishing, graphics, web pages, and multi-media video editing are also taught.

Prerequisites: Computer Applications

Graduation Requirement Credit: CTE

Program of Study: Business and Marketing

Sports Entertainment Marketing

grade 9-12

1 semester

In this class, students will learn how to apply business principles to the organization, administration and management of athletic teams, fitness/rehabilitation facilities and health clubs, sport recreation services, and related services. It includes instruction in business and financial management principles, sales, marketing and recruitment; event promotion, scheduling and management; facilities management; public relations; legal aspects of sports; and applicable health and safety standards.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Business and Marketing

Store Operations & Management

grade 10-12

1 semester, can be repeated

This class provides a structured setting where you learn to apply marketing and management concepts learned in the Marketing classroom by operating the school store.

Prerequisites: Business and Marketing 1

Graduation Requirement Credit: CTE

Program of Study: Business and Marketing

Web Design

grade 9-12

2 semesters

This project-based class teaches professional web design using Adobe Creative Suite and other popular software. The curriculum is designed to teach the full process of designing, developing, and managing the creation of websites. Students create multimedia websites using Dreamweaver, web graphics and digital photography with Photoshop and other photo editing and drawing programs, web animation with Flash, and web video editing software. Students interested in the area of web development are encouraged to take this class.

Prerequisites: None

Graduation Requirement Credit: CTE, Art

Program of Study: Business and Marketing

Communications

Yearbook

grade 9-12

2 semesters

Members of this class publish the yearbook. Much of the work must be done independently outside of school and/or class time. Journalism or special permission of the instructor is required.

Prerequisites: Instructor Permission

Graduation Requirement Credit: CTE

Program of Study: Skilled & Technical Sciences

Construction/Manufacturing

Metals Production Technology 1

grade 9-12

2 semesters

This program provides students the opportunity to learn about such areas as layout, sheet metal, lathe, foundry, gas and arc welding. The techniques learned are used to build a project of the student's personal design. During the second semester, students will use the skills developed to construct highly technical projects. There may be a cost for special projects.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Skilled & Technical Sciences

Metals Production Technology 2 grade 11-12 2 semesters

This course prepares students for entry into metal fabrication. Students develop machinist skills on both the lathe and mill. Advanced welding skills are developed in both arc and gas welding. You will learn to weld with metallic inert gas (MIG) and tungsten inert gas (TIG). Completion of first year Metals is required for enrollment in this course. There may be a cost for special projects.

Prerequisites: Metals Production Technology 1

Graduation Requirement Credit: CTE

Program of Study: Skilled & Technical Sciences

Woods and Composites Technology 1 grade 11-12 2 semesters

Wood is often considered the “master” building material. The first thing you made and viewed with pride was probably constructed with this material. This course will introduce you to the machines used to make fabricating with wood easier. Students will learn safety procedures, methods of construction to assist in engineering the maximum strength, and utility of composite projects for the minimum expenditure of time and cost. There may be a cost for special projects.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Skilled & Technical Sciences

Aerospace Engineering and Manufacturing/Core Plus 1 grade 9-12 2 semesters

This yearlong course will provide students basic skills in manufacturing and materials engineering industries. The Core Plus curriculum used in this course was developed in partnership the Boeing Company and educational partners with specifically defined knowledge, skills, and abilities (KSAs) for student learning related to Computer-Aided-Design, Aerospace Composites, Aerospace Machining, Marine Technology, Metal Fabricating, Principles of Engineering and Construction. Course curriculum will focus on safety, materials science, tools and measurement, critical thinking, applied mathematics and print reading.

Prerequisites: None

Graduation Requirement Credit: CTE, 3rd Year Math, Lab Science, English

Program of Study: STEM/Skilled & Technical Sciences

Aerospace Engineering and Manufacturing/Core Plus 2 grade 11-12 2 semesters

Students enrolled in Aerospace Engineering & Manufacturing/Core Plus 2 are eligible to apply for the Precision Technician Apprenticeship.

This yearlong course will further prepare students for T-2-4 success in the manufacturing and materials engineering industries. The Core Plus curriculum used in this course was developed by the Boeing Company and educational partners with specifically defined knowledge, skills, and abilities (KSAs) for student learning related to Computer-Aided-Design, Aerospace Composites, Aerospace Machining, Marine Technology, Metal Fabricating, Principles of Engineering and Construction. Course curriculum will focus on safety, manufacturing process, maintenance, critical thinking, fasteners, drilling, sawing, mill and lathe use.

Prerequisites: Aerospace Engineering and Manufacturing/Core Plus 1

Graduation Requirement Credit: CTE, 3rd Year Math, Lab Science, English

Program of Study: STEM/Skilled & Technical Sciences

Jewelry and Small Sculpture 1 grade 9-12 2 semesters

Participants in this course will learn basic design and manufacturing processes used in the field of jewelry making, as well as leadership, job seeking skills, business practices, and basic education skills in math and language. There may be a cost for special projects.

Prerequisites: None

Graduation Requirement Credit: CTE, Art

Program of Study: Skilled & Technical Sciences

Jewelry and Small Sculpture 2

grade 10-12

2 semesters

Participants in this course will learn advanced design and manufacturing processes used in the field of jewelry making, materials science concepts related to composites and laminates, as well as leadership, job seeking skills, business practices, and basic education skills in math and language. There may be a cost for special projects.

Prerequisites: Jewelry and Small Sculpture 1

Graduation Requirement Credit: CTE, Art

Program of Study: Skilled & Technical Sciences

Precision Production Worksite Experience

grade 11-12

2 semesters

Prerequisites: Must be 16 years old and be enrolled in, or have completed, Manufacturing/Materials Processing: Woods and Composites Technology 2 or Metals Technology 2, or Jewelry and Small Sculpture 2, or Aerospace Engineering and Manufacturing 2.

Graduation Requirement Credit: CTE

Program of Study: STEM/Skilled & Technical Sciences

Education Training

Careers in Education Teaching Academy

grade 11-12

2 semesters, can be repeated

Do you want to be a teacher? This is a yearlong class designed to give students the "total teaching experience". First semester, you will learn about teaching methods, classroom management, lesson planning and the rigors of the teaching profession. You will also gain valuable work skills, plan lessons, make presentations and speak to classes with confidence. Second semester, you will have the opportunity to spend time with children in an elementary or middle school classroom applying newly learned concepts. Second year students participate in teaching internship both semesters. College credit available.

Prerequisites: Child Development

Graduation Requirement Credit: CTE

Program of Study: Family & Consumer Science

Child Development

grade 9-12

1 semester

Equip yourself with skills to make a difference in the lives of children! Discover the planning, preparation, skills, and responsibilities necessary for the unique challenges of parenthood or child-related careers. This course explores prenatal and developmental stages, costs of raising children, motivation and education of young children. Skills are developed through activities, guest speakers, field trips, and cooperative learning experiences. Second semester offers internship opportunities in child-related fields.

Prerequisites: None

Graduation Requirement Credit:

Program of Study: Family & Consumer Science

Early Childhood Assistant

grade 11-12

2 semesters

Work with young children in a laboratory setting in a nearby elementary school or a community child-care center. Teacher permission is required for enrollment in this course. ECE Assistants take an active role in managing the business of an early childhood education program.

Prerequisites: Early Childhood Education

Graduation Requirement Credit: CTE

Program of Study: Family & Consumer Sciences

Early Childhood Education

grade 10-12

2 semesters

Do you like working with young children? If so, then you know that working with children is a very rewarding and challenging experience. ECE is one of the decade's fastest growing employment opportunities. You will plan and lead activities for 3, 4, and 5 year olds in an early childhood education setting. This program will help you to prepare for employment as a childcare worker or preschool/elementary teacher. Learn about children while working with them in a preschool lab. Students have an opportunity to earn college credit through SCC and SFCC.

Prerequisites: Child Development

Graduation Requirement Credit: CTE

Program of Study: Family & Consumer Science

Early Childhood Worksite Experience

grade 11-12

2 semesters

This course is for students who have completed the Early Childhood Education course and would like to work with children at a worksite. If you have a part-time job that closely matches what you have learned in the Early Childhood Education Class, you may qualify for ECE worksite learning credit. See your instructor for more details.

Prerequisites: Must be 16 years old to enroll; be enrolled in, or have taken, Early Childhood Education

Graduation Requirement Credit: CTE

Program of Study: Family & Consumer Sciences

Family and Consumer Science

AP Studio Art 3D-Fabric & Fashion

grade 9-12

2 semesters

Advanced Placement Studio Art 3D is for art students that are interested in completing the AP Fabric and Fashion Studio Art 3D Portfolio to submit to the College Board to receive college credit. Students are challenged to develop their own work while meeting the requirements for the portfolio as stated by the College Board. This class explores a variety of mediums, subject matters, and styles of the textile and apparel industry by analyzing textiles, exploring fashion trends, and examining the past influences on fashion. Students looking for a career in the designing, manufacturing, or retail sales of apparel and interior design will find this an exciting class that will introduce them to the many options available in the textile and apparel industries.

Prerequisites: None

Graduation Requirement Credit: CTE, Art

Program of Study: Family & Consumer Sciences

Culinary & Hospitality Worksite Experience

grade 11-12

1 semester,
can be repeated

Youth Culinary Apprenticeship is a Washington State recognized apprenticeship program. Students enrolled in the ProStart program must apply through ProStart instructor.

This internship class helps you get and keep a job that will teach you valuable skills in the hospitality/food service professions. Students must complete requirements to get credit for on-the-job training.

Prerequisites: Must be 16 to enroll; Foods Course

Graduation Requirement Credit: CTE

Program of Study: Family and Consumer Sciences



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Culinary & Hospitality-ProStart 1

grade 10-12

2 semesters

Students enrolled in ProStart Year 1 & 2 are eligible to apply for the WA State Food Prep Cook Apprenticeship.

Learn about one of the largest, fastest-growing industries in the United States. A career in the hospitality/food service industry includes management, culinary arts, and entrepreneurship, hospitality, and travel opportunities. Based on input from restaurant and hospitality professionals nationwide, the ProStart Program offers both the work experience and classroom learning you need to succeed in your career. Leadership activities and trade-related school projects are an important part of this school-to-career class! College credit available. Sophomore enrollment requires teacher permission.

Prerequisites: None, sophomore enrollment requires instructor permission.

Graduation Requirement Credit: CTE, Lab Science

Program of Study: Family and Consumer Sciences

Culinary & Hospitality-ProStart 2

grade 11-12

2 semesters

Students enrolled in ProStart Year 1 & 2 are eligible to apply for the Youth Culinary Apprenticeship.

Continue learning about careers in the hospitality/food service industry. Based on input from restaurant and hospitality professionals nationwide, the ProStart Program offers both the work experience and classroom learning you need to succeed in your career. Leadership activities and trade-related school projects are an important part of this school-to-career class!

Prerequisites: Culinary and Hospitality-ProStart Year 1

Graduation Requirement Credit: CTE, Lab Science

Program of Study: Family and Consumer Sciences

Culinary & Hospitality-ProStart Internship

grade 10-12

1 semester,
can be repeated

ProStart Lab Internship provides the opportunity to practice the operations of a business. Students become lab assistants and learn to be a barista. Duties of the workplace are simulated as students operate the espresso stand, practice communication skills, and learn valuable on-the-job training. Previous ProStart class is required AND teacher permission.

Prerequisites: Culinary and Hospitality-ProStart Year 1

Graduation Requirement Credit: CTE

Program of Study: Family and Consumer Sciences

FACSE Worksite Experience

grade 11-12

1 semester,
can be repeated

This is a great way for you to put what you have learned in the FACSE classroom to use by working at an actual job site. If you are currently enrolled or have previously taken a Family & Consumer Science Education course and work in a related job occupation, you may qualify to earn one credit for every 360 hours you work. You will work with your employer and a high school teacher/coordinator to create a valuable learning experience in the real world. See your FACSE teacher for more information. Must have completed a related qualifying class.

Prerequisites: Must be 16 to enroll; previous FASCE course

Graduation Requirement Credit: CTE

Program of Study: Family & Consumer Sciences

Food Production & Services Worksite Experience

grade 11-12

1 semester,
can be repeated

This is a great way for you to put what you have learned in the food-related classroom to use by working at an actual job site. If you are currently enrolled or have previously taken a foods related course and work in foods, culinary arts or hospitality related occupation, you may qualify to earn one credit for every 360 work hours. You will work with your employer and a high school teacher/coordinator to create a valuable learning experience in the real world. Must have completed a related qualifying class.

Prerequisites: Must be 16 years old to enroll; prior Foods Course

Graduation Requirement Credit: CTE

Program of Study: Family and Consumer Sciences

Foods & Fitness

grade 10-12

2 semesters

Foods and Fitness can be taken to meet the Lifetime Fitness (Year 2) credit requirement. This class offers you the chance to become nutritionally and physically fit! Opportunities are provided to evaluate the attitudes and behaviors related to your wellness. Learn health management skills through foods, nutrition, a variety of activities and exercise, and positive self-image and stress management. Food labs focus on healthy food preparation methods. You will apply movement skills and fitness concepts and evaluate health and skill-related components of fitness. You will predict how physical activity interests and abilities change across a lifetime, and how to select coping skills to deal with personal challenges, differences and setbacks in physical performance. You will create, implement, monitor, self-assess, and modify a personal health and fitness plan. The fitness center and heart rate monitors will be used to monitor progress towards fitness goals. At the end of Foods & Fitness, you will take the Washington State Fitness & Health CBA. Experiences with Super Circuits and heart rate monitors support individual student workouts.

Prerequisites: None

Graduation Requirement Credit: CTE, Lifetime Fitness Year 2

Program of Study: Family & Consumer Science

Foods & Nutrition

grade 9-12

1 semesters

Learn to make informed decisions about what to eat as well as proper methods of preparation. Foods and Nutrition uses the newest technology to help you manage food resources. Cooking skills, safety, and nutrition are just a few focus areas of this class. Content includes food artistry, global food issues, and kitchen management. There may be a cost for special projects.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Family & Consumer Sciences

International Foods

grade 9-12

1 semester

Eat your way around the world in International Foods. Let your taste buds do the traveling as you explore how cultures, customs and geographic features impact what is eaten around the world. Prepare and taste foods using creative food preparation techniques. Learn and apply safety and sanitation standards and explore presentation and service methods. There may be a cost for special projects.

Prerequisites: Foods and Nutrition

Graduation Requirement Credit: CTE

Program of Study: Family & Consumer Sciences

Health Sciences

Intro to Health Sciences Careers

grade 9-12

1 semesters

Are you interested in a career in the medical field that has job security, high wages and makes a significant difference in people's lives? In this class you will explore careers in all areas of health care. You will take field trips to multiple health related sites and hear from guest speakers who currently work in health careers. You will learn basic human anatomy, medical terminology, diseases and basic medical skills through hands on activities. Handling stress, making ethical decisions, working with a diverse population and leadership skills will be emphasized. This class satisfies the Health graduation requirement, or half of the Career and Technical Education graduation requirement.

Prerequisites: None

Graduation Requirement Credit: CTE, Health

Program of Study: Health Sciences

Sport Medicine I

grade 9-12

1 semesters

The Sports Medicine course is designed to teach students components of exercise science/sports medicine including exploration of therapeutic careers, medical terminology, anatomy, physiology, first aid, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, and sport nutrition.

Prerequisites: None

Graduation Requirement Credit: CTE, Lab Science

Program of Study: Health Sciences

Sports Medicine 2

grade 10-12

2 semesters

This advanced course is designed for students who wish to build upon their knowledge and skills learned in Sports Medicine. Components of exercise science/sports medicine include exploration of therapeutic careers, medical terminology, anatomy, physiology, first aid, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, and sport nutrition.

Prerequisites: Sports Medicine I

Graduation Requirement Credit: CTE, Lab Science

Program of Study: Health Sciences

Sports Medicine Clinical

grade 11-12

2 semesters

The Sports Medicine Clinical course is designed to teach students how to apply the components of exercise science/sports medicine including exploration of therapeutic careers, medical terminology, anatomy, physiology, first aid, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, and sport nutrition. Students will be working in a clinical setting of their choice or at the school sport's site in an after-school setting.

Prerequisites: Prior Sports Medicine course

Graduation Requirement Credit: CTE, Lab Science

Program of Study: Health Science

Military Science**Military Studies 100 (AFJROTC)**

grade 9-12

2 semesters

Every military studies course has three components: aerospace, leadership and fitness. First year Air Force Junior ROTC cadets will study the history of aviation from ancient times to the current day, military and Air Force traditions, customs and courtesies, and health and citizenship. One day each week will focus on fitness or military drill and ceremonies.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Skilled & Technical Sciences

Military Studies 200 (AFJROTC)

grade 10-12

2 semesters

Second and third year cadets will study aviation science, interpersonal communication and leadership and take part in fitness and drill activities. One day each week will focus on fitness or military drill and ceremonies. This course alternates with MS 300.

Prerequisites: Military Science 100

Graduation Requirement Credit: CTE

Program of Study: Skilled & Technical Sciences

Military Studies 300 (AFJROTC)

grade 10-12

2 semesters

Alternating with MS 200, second and third year cadets will study space exploration, life skills, careers after high school and take part in fitness or drill activities once a week.

Prerequisites: Military Science 100

Graduation Requirement Credit: CTE

Program of Study: Skilled & Technical Sciences

Military Studies 400 (AFJROTC)

grade 12

2 semesters

Seniors will study management principles as they apply to the cadet corps. Cadets organize and coordinate corps community service events, social events and set and track unit goals throughout the year.

Prerequisites: Military Science 100, Military Science 200, Military Science 300 (may be waived)

Graduation Requirement Credit:

Program of Study: Skilled & Technical Sciences

STEM-Biomedical

Biological Solutions-IST

grade 10-12

2 semesters

Biological Solutions allows students to master the concepts, skills and attitudes necessary for success in STEM related degrees, laboratory settings and work places. While this course is primarily for juniors, some sophomores and seniors participate in a full year immersion of authentic research. The research tracts vary from human health related issues to conservation genetics and other topics. The rich and rigorous laboratory work is supported by multiple and authentic technical readings, both within the research area and peripherally. Student-scientists persistently investigate relevant real world questions using current molecular bioscience technologies and laboratory work. This course is considered an algebra-based science.

Prerequisites: Biomedical Technology

Graduation Requirement Credit: CTE, Lab Science

Program of Study: STEM, Health Sciences

Biomedical Technology-IST

grade 9-12

2 semesters

Biomedical Technology is an authentic immersion into molecular and modern bioscience with an intentional, relevant and rigorous health science theme. Biomedical Technology utilizes a blend of nationally recognized STEM curriculum, such as The Institute for Systems Biology curriculum, coupled with site developed curriculum that provides a rigorous immersion of high level molecular bioscience laboratory work, concepts and work place expectations. Students use current, authentic and real world protocols and equipment to explore, analyze, evaluate and synthesize information to gain an understanding of human health issues. This is not science that has been done for decades; this is science for the emerging new millennium.

Prerequisites: None

Graduation Requirement Credit: CTE, Lab Science

Program of Study: STEM, Health Sciences

Genomic Research-IST

grade 11-12

2 semesters

Genomic Research immerses student-scientists into self-directed, relevant and novel molecular research involving genomics. Junior and Senior students apply for positions in the various research tracts in the laboratory. A desire to be in an intense laboratory setting along with course work, persistence, work ethic, and attitude play a large role in the acceptance into the laboratory. The student-scientists analyze, evaluate and synthesize information to gain an understanding from complex data that they have generated through persistent and rigorous laboratory research. They collaborate with other scientists within their research area and communicate their findings to these collaborators, other scientists through electronic communications, published DNA genomic sequences, poster sessions, symposiums, and peer reviewed published journal articles. This course is considered an algebra-based science.

Prerequisites: Biological Solutions

Graduation Requirement Credit: CTE, Lab Science

Program of Study: STEM, Health Sciences

PLTW Year 1

Principles of Biomedical Science

grade 9-12

2 semesters

This course involves the study of human medicine, research processes, an introduction to bioinformatics, and the use of computer science mathematics and information theory to model and analyze biological systems. Students investigate the human body systems and various health conditions including: heart disease, diabetes, sickle-cell disease, hypercholesterolemia, as well as infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have been able to prolong the person's life.

Prerequisites: None

Graduation Requirement Credit: CTE, Lab Science

Program of Study: STEM, Health Sciences

PLTW Year 2**Human Body Systems**

grade 10-12

2 semesters

Students engage in the study of the processes, structures, and interactions of the human body systems. Important concepts in the course include: communication, transport of substances, locomotion, metabolic processes, defense, and protection. The central theme is how the body systems work together to maintain homeostasis and good health. The systems are studied as “parts of a whole,” working together to keep the amazing human machine functioning at an optimal level. Students design experiments, investigate the structures and functions of body systems, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary actions, and respiratory operations. Students work through interesting real-world cases and play the role of biomedical professionals to solve medical mysteries.

Prerequisites: Principles of Biomedical Science-PLTW Year 1

Graduation Requirement Credit: CTE, Lab Science

Program of Study: STEM, Health Sciences

PLTW Year 3**Medical Interventions**

grade 11-12

2 semesters

Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. This course is a how to manual for maintaining overall health and homeostasis in the body. Students explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose and treat cancer; and prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Prerequisites: Human Body Systems-PLTW Year 2

Graduation Requirement Credit: CTE, Lab Science

Program of Study: STEM, Health Sciences

PLTW Year 4**Biomedical Innovations**

grade 11-12

2 semesters

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

Prerequisites: Principals of Biomedical Science, Human Body Systems, Medical Interventions

Graduation Requirement Credit: CTE, Lab Science

Program of Study: STEM, Health Sciences

STEM-Computer Science**Advanced Computer Programming**

grade 10-12

2 semesters

Students will study more advanced concepts of computer programming, building on the skills and knowledge previously learned in the computer science sequence.

Prerequisites: AP Computer Science

Graduation Requirement Credit: CTE, 3rd Year Math

Program of Study: STEM

AP Computer Science

grade 9-12

2 semesters

Advanced Placement Computer Science provides instruction in the use of the JAVA programming language to design, write, and analyze programs and subprograms in preparation for the AP Computer Science exam.

Prerequisites: Algebra 1 preferred

Graduation Requirement Credit: CTE, (3rd year Math with concurrent enrollment in Alegbra II or higher/3rd year Science in junior or senior year)

Program of Study: STEM, Math, Science

Cyber-Security

grade 9-12

2 semesters

Be part of this elite team charged with protecting business and personal information, as well as safeguarding national security! The Cyber Security program focuses on the principles and techniques used to identify, search, seize and analyze digital media as well as to conduct cyber-investigations against criminal and terrorist activity using sound handling and examination procedures.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: STEM

Digital Game Programming

grade 9-12

2 semesters

Introduction to Digital Game Programming gives a structure for students to examine the digital gaming industry. Students will analyze existing games, develop a game idea/high level concept, create a character/avatar, develop a storyboard and flowchart, and create a level design and graphical user interface. Students will also develop a project management infrastructure for game development. Students finishing this class will leave with a base knowledge of the game development industry and will have synthesized what it takes to create a successful game.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: STEM

Exploring Computer Science

grade 9-12

2 semesters

Exploring Computer Science is a yearlong course consisting of 6 units, approximately 6 weeks each. Assignments and instruction are relevant and applicable to a variety of computer science related tools/platforms, and culminate with final projects related to the following topics: human computer interaction, problem solving, programming, and computing and data analysis with optional projects that may include web design, robotics, web apps development, or other computer science applications.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: STEM

STEM-Engineering

Aerospace Engineering & Manufacturing/Core Plus 1

grade 9-12

2 semesters

This yearlong course will provide students basic skills in manufacturing and materials engineering industries. The Core Plus curriculum used in this course was developed in partnership the Boeing Company and educational partners with specifically defined knowledge, skills, and abilities (KSAs) for student learning related to Computer-Aided-Design, Aerospace Composites, Aerospace Machining, Marine Technology, Metal Fabricating, Principles of Engineering and Construction. Course curriculum will focus on safety, materials science, tools and measurement, critical thinking, applied mathematics and print reading.

Prerequisites: None

Graduation Requirement Credit: CTE, 3rd Year Math, Lab Science, English

Program of Study: STEM, Skilled & Technical Sciences

Aerospace Engineering & Manufacturing/Core Plus 2

grade 10-12

2 semesters

Students enrolled in Aerospace Engineering & Manufacturing/Core Plus 2 are eligible to apply for the Precision Technician Apprenticeship.

This yearlong course will further prepare students for T-2-4 success in the manufacturing and materials engineering industries. The Core Plus curriculum used in this course was developed by the Boeing Company and educational partners with specifically defined knowledge, skills, and abilities (KSAs) for student learning related to Computer-Aided-Design, Aerospace Composites, Aerospace Machining, Marine Technology, Metal Fabricating, Principles of Engineering and Construction. Course curriculum will focus on safety, manufacturing process, maintenance, critical thinking, fasteners, drilling, sawing, mill and lathe use.

Prerequisites: Aerospace Engineering & Manufacturing/Core Plus 1

Graduation Requirement Credit: CTE, 3rd Year Math, Lab Science, English

Program of Study: STEM, Skilled & Technical Sciences

Aerospace Engineering-PLTW

grade 10-12

2 semesters

This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.

Prerequisites: Introduction to Engineering Design and/or Principles of Engineering

Graduation Requirement Credit: CTE

Program of Study: STEM

Civil Engineering & Architecture-PLTW

grade 10-12

2 semesters

Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software.

Prerequisites: Introduction to Engineering Design and/or Principles of Engineering

Graduation Requirement Credit: CTE

Program of Study: STEM

Drafting and Design Technology

grade 9-12

2 semesters

This course focuses on developing skills used by designers, engineers, and architects to develop ideas and produce drawings to tell others about their product. This course includes freehand drawing, instruments, and blueprint reading. Students begin to develop skill in the use of Computer Aided Drafting. There may be a cost for special projects.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: STEM

Engineering by Design-Year 1

grade 9-12

2 semesters

Students in this program use hands-on lessons to learn the concepts and roles of engineering, design, invention, and innovation in creating technology systems that help make life easier and better. They learn to apply and transfer this knowledge to everyday problems. Students learn how to assess technology, its impacts and resulting issues, and present the positive and negative consequences of how these technologies have shaped today's global society. The program incorporates the applications of mathematics and science concepts and provides a strong background for students investigating careers in all career clusters and course sequences.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: STEM

Engineering By Design-Year 2 grade 10-12 2 semesters

In this class, students will further explore the concepts and roles of engineering, design, invention, and innovation in creating technology systems previously covered in Engineering by Design Year 1.

Prerequisites: Engineering by Design-Year 1

Graduation Requirement Credit: CTE

Program of Study: STEM

Engineering Design & Development-PLTW grade 11-12 2 semesters

Engineering Design & Development is the study of the design and construction process from a project management perspective. The course includes application to many of the varied factors learned in previous Engineering Courses. The design and construction elements may include building components and systems, structural design, project management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry. Students will create and test their own residential and commercial designs using industry-specific 3-D Autodesk design software.

Prerequisites: Introduction to Engineering, Principles of Engineering, Civil Engineering and Architecture or Aerospace Engineering

Graduation Requirement Credit: CTE

Program of Study: STEM

Engineering Technologies Worksite Experience grade 11-12 2 semesters

This is a great way for you to put what you have learned in an engineering-related course by working at an actual job site in these fields. If you are currently enrolled or have previously taken a drafting, technology, or engineering related class, you may qualify to earn one credit for every 360 hours you work. You will work with your employer and a high school teacher/coordinator to create a valuable learning experience in the real world. Must have completed a related qualifying class AND have coordinator's permission.

Prerequisites: Must be 16 to enroll; previous Engineering or Technology Course

Graduation Requirement Credit: CTE

Program of Study: STEM

Intro to Engineering Design-PLTW grade 9-10 2 semesters

Designed for 9th or 10th grade students, the major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: STEM, Math

Principles of Engineering-PLTW grade 9-12 2 semesters

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Prerequisites: Algebra II or concurrent enrollment in Algebra II

Graduation Requirement Credit: CTE

Program of Study: STEM, Science

Transportation

Auto Mechanics Technology I

grade 9-12

2 semesters

This class prepares students to apply technical knowledge and skills related to automobiles. The curriculum will include instruction in various systems including engine, power train, cooling, electrical, and fuel systems. Students will be introduced to the major automobile components and requirements for service. There may be a cost for special projects.

Prerequisites: None

Graduation Requirement Credit: CTE

Program of Study: Skilled & Technical Sciences

Auto Mechanics Technology II

grade 10-12

2 semesters

In this class, students learn more advanced automotive technical knowledge and skills. The curriculum will include instruction in various systems including engine, power train, cooling, electrical, and fuel systems. There may be a cost for special projects.

Prerequisites: Auto Mechanics Technology I

Graduation Requirement Credit: CTE

Program of Study: Skilled & Technical Sciences

Auto Mechanics Technology Worksite Experience

grade 11-12

2 semesters

This is a great way for you to put what you have learned in an automotive technology class to use by working at an actual job site in the automotive industry. If you are currently enrolled or have previously taken a CTE Mechanics Tech class, you may qualify to earn one credit for every 360 hours you work. You will work with your employer and a high school teacher/coordinator to create a valuable learning experience in the real world. Must have completed a related qualifying class AND have coordinator's permission.

Prerequisites: Must be 16 to enroll; Auto Mechanics Technology I, Auto Mechanics Technology II

Graduation Requirement Credit: CTE

Program of Study: Skilled & Technical Sciences

NEWTECH Skill Center

Tuition-free career training in high school



The NEWTECH Skill Center offers career and technical education programs in agricultural, business and marketing, family and consumer sciences, health-sciences, and skilled and technical sciences. To explore program options at NEWTECH, sign up for “Welcome Wednesday” online at ConnectWithNEWTech.com; this opportunity allows you to shadow 3 to 4 programs of your choice. Before applying, you must be 16 to 20 years of age; 2nd year courses are intended for seniors. When enrolled in a program, your high school will provide busing to the Skill Center, located at 4141 N Regal St, Spokane WA 99207. Learn more online at ConnectWithNEWTech.com or call the office at (509) 354-7412.

Course Listings

Course Name	Prerequisite	Core equivalency
Animation Tech and Special Effects	No	Math
Automotive Collision Repair 1	No	----
Automotive Collision Repair 2	Yes	----
Automotive Technology 1	No	Math
Automotive Technology 2	Yes	----
Construction Technology 1	No	Math
Construction Technology 2	Yes	----
Cosmetology 1 (Hair Design)	Yes	----
Cosmetology 2 (Hair Design)	Yes	----
Criminal Justice 1 (Law Enforcement)	No	----
Criminal Justice 2 (Law Enforcement)	Yes	----
Culinary Arts & Hospitality Mgmt. 1	No	----
Culinary Arts & Hospitality Mgmt. 2	Yes	----
Digital Game and Web Design 1	No	Math
Digital Game and Web Design 2	Yes	----
Energy and Power	No	----
Graphic Design and Digital Arts 1	No	Art
Graphic Design and Digital Arts 2	Yes	----
Pre-Dental Assisting 1	No	Science
Pre-Dental Assisting 2	Yes	----
Pre-Medical Assisting	No	Science
Pre-Nursing Assistant	No	Science
Pre-Veterinary Assisting 1	No	Science
Pre-Veterinary Assisting 2	Yes	----
Project Management	No	----
Robotics and Advanced Manufacturing 1	No	Math
Robotics and Advanced Manufacturing 2	Yes	----
Translation and Interpretation	No	----
Welding Technology 1	No	----
Welding Technology 2	Yes	----

*NCAA approved †CADR approved

Note: all NEWTech courses have a \$50 uniform (lab) fee



1.0 credit

CTE 1.0

PPR: 3.0 credits could apply to Personalized Pathway Requirements.**

Equivalency Credit: many NEWTech courses meet academic requirements, including state and district graduation requirements.

See page 8 for a full list of CTE credit equivalencies.

**Applies to Class of 2021 and beyond. Class of 2020: check with your school counselor on these requirements.

All NEWTech courses are approved by OSPI, consortium member school districts, and business/industry representatives serving on NEWTech general or program specific Advisory Committees.

Course Descriptions

Animation Tech & Special Effects

grade 11-12

2 semesters

More and more we see worlds of imagination brought to life in films and on television. Advances in digital techniques lead to virtually limitless creativity. In this course, students will learn the foundations of animation and special effects used in film and video production through a variety of hands-on experiences, demonstrations, and exercises. Students receive daily instruction and time to practice new skills in the elements of videography, stop-motion, 2-D and digital 3-D animation. Topics include: Scripting and Storyboarding; Composition for Film and Videography; Lighting; Non-linear editing; Audio Recording and editing; Motion-Control; 2-D "Cel-type" animation; and 3-D Modeling, rigging and animation. Our class utilizes the most current software from Adobe Creative Cloud and Autodesk Maya. Come learn how to bring your imagination to the screen!

Prerequisites: None

Graduation Requirement Credit: Math, CTE, Elective

Certifications: Precision Exams - Video Production

Automotive Collision Repair 1

grade 11-12

2 semesters

This 1080 hr, NATEF-approved, two-year course is designed to inform and instruct students in the basics of auto body repair. Instruction includes theory and techniques related to the process of welding, metal straightening and panel/body alignment on a variety of auto body industry materials including metal, glass and plastic. Students will learn effective customer relations and sales in multiple settings. Estimating damage and repair costs and procedures are key components in this course. The student will be prepared for entry-level employment in the auto body repair industry as an auto body repair technician. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace: with more environmentally friendly paint bases on the horizon, students will learn the newest and greenest applications in the industry.

Prerequisites: None

Graduation Requirement Credit: CTE, Elective

Certifications: Precision Exams - Collision Repair, SP2 Safety, and SP2 Pollution Prevention

Automotive Collision Repair 2

grade 12

2 semesters

This 1080 hr, NATEF-approved, two-year course is designed to inform and instruct students in the basics of auto body repair. Instruction includes theory and techniques related to the process of welding, metal straightening and panel/body alignment on a variety of auto body industry materials including metal, glass and plastic. Students will learn effective customer relations and sales in multiple settings. Estimating damage and repair costs and procedures are key components in this course. The student will be prepared for entry-level employment in the auto body repair industry as an auto body repair technician. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace: With more environmentally friendly paint bases on the horizon, students will learn the newest and greenest applications in the industry.

Prerequisites: B or better in Automotive Collision Repair 1 and instructor approval

Graduation Requirement Credit: CTE, Elective

Certifications: ASE Collision Repair & Refinishing (4 Exams Possible), SP2 Safety, and SP2 Pollution Preventio

Automotive Technology 1

grade 11-12

2 semesters

This 1080 hr (Year 1 and 2) NATEF/AYES accredited course offers entry-level employment skills for students. The program consists of three phases, each taught by ASE certified technicians with many years of automotive repair and diagnostic experience. Classrooms and shops are equipped with state-of-the-art equipment and training tools. Industry partners offer input regarding the training needs of today's entry-level technicians. The program also focuses on career readiness skills that are necessary for the student's professional development. Summer internships and job placement opportunities may be available to top students. A second year of training is available and concentrates on live work and advanced training. NEWTech's automotive training can lead to other opportunities such as service writing, parts counter person, parts driver, and entry-level maintenance and light repair technician.

Prerequisites: None

Graduation Requirement Credit: Math, CTE, Elective

Certifications: First Aid, and Automotive Service Excellence (ASE) Certification (10 Exams Possible)

Courses are either 540 hrs or 1,080 hrs. 540 hr courses may not be repeated the next year. 1,080 hr courses have an optional 2nd year.

Automotive Technology 2

grade 12

2 semesters

This 1080 hr (Year 1 and 2) NATEF/AYES accredited course offers entry-level employment skills for students. The program consists of three phases, each taught by ASE certified technicians with many years of automotive repair and diagnostic experience. Classrooms and shops are equipped with state-of-the-art equipment and training tools. Industry partners offer input regarding the training needs of today's entry-level technicians. The program also focuses on career readiness skills that are necessary for the student's professional development. Summer internships and job placement opportunities may be available to top students. A second year of training is available and concentrates on live work and advanced training. NEWTech's automotive training can lead to other opportunities such as service writing, parts counter person, parts driver, and entry-level maintenance and light repair technician.

Prerequisites: B or better in Automotive Technology 1 and instructor approval

Graduation Requirement Credit: CTE, Elective

Certifications: First Aid, and ASE Certification (10 Exams Possible)

Construction Technology 1

grade 11-12

2 semesters

In this 1080 hr course (Year 1 and 2) students learn the fundamentals of design, estimating, and the construction of structures using carpentry tools and equipment to industry standards. Carpenters find work in union and non-union operated organizations. An apprentice carpenter advances to the Journeyman level over four years and salary increases dependent on time served and skills mastered. Within four years of entering this trade, wages can exceed \$39 per hour. Carpenters who achieve a high level of skill are people-oriented, develop a good business sense and can become self-employed contractors. In addition to carpentry, students will be exposed to a variety of construction trades and career opportunities. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

Prerequisites: None

Graduation Requirement Credit: Math, CTE, Elective

Certifications: OSHA 10, CPR/First Aid, Forklift, and Pneumatic Tools

Construction Technology 2

grade 12

2 semesters

In this 1080 hr course (Year 1 and 2) students learn the fundamentals of design, estimating, and the construction of structures using carpentry tools and equipment to industry standards. Carpenters find work in union and non-union operated organizations. An apprentice carpenter advances to the Journeyman level over four years and salary increases dependent on time served and skills mastered. Within four years of entering this trade, wages can exceed \$39 per hour. Carpenters who achieve a high level of skill are people-oriented, develop a good business sense and can become self-employed contractors. In addition to carpentry, students will be exposed to a variety of construction trades and career opportunities. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

Prerequisites: B or better in Construction Technology 1 and instructor approval

Graduation Requirement Credit: CTE, Elective

Certifications: Forklift, and Pneumatic Tools

Cosmetology 1 (Hair Design)

grade 11-12

2 semesters

This 1080 hr course (Year 1 and 2) will supply students with basic salon operation, hair cutting, styling and coloring techniques. Students will be introduced to clients in the second half of the school year, improving on their practical skills and professional knowledge. Students will record their hours as they work toward Washington State Hair Design certification. This program prepares students for a career in the cosmetology industry and helps to ready students for the State licensing exam.

Prerequisites: Must be 16 years of age at start of course and have a Social Security number

Graduation Requirement Credit: CTE, Elective

Certifications: Obtain and apply hours toward the 1400 hrs. required to take the WA Hair Design Certificate Exam

Cosmetology 2 (Hair Design)

grade 12

2 semesters

This 1080 hr course (Year 1 and 2) will supply students with basic salon operation, hair cutting, styling and coloring techniques. Students will record their hours as they work toward Washington State Hair Design certification. This program prepares students for a career in the cosmetology industry and helps to ready students for the State licensing exam.

Prerequisites: B or better in Cosmetology 1 and instructor approval

Graduation Requirement Credit: CTE, Elective

Certifications: Obtain and apply hours toward the 1400 hrs. required to take the WA Hair Design Certificate Exam

Courses are either 540 hrs or 1,080 hrs. 540 hr courses may not be repeated the next year. 1,080 hr courses have an optional 2nd year.

Criminal Justice 1 (Law Enforcement)

grade 11-12

2 semesters

This 1080 hr course (Year 1 and 2) prepares students for a career in public and private investigative fields. Understand the criminal justice system, investigate crimes, and improve decision-making skills. Develop a working relationship with industry standard representatives and set a pathway towards your career goals and objectives. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

Prerequisites: None

Graduation Requirement Credit: CTE, Elective

Certifications: Precision Exams - 21st Century Skill

Criminal Justice 2 (Law Enforcement)

grade 12

2 semesters

This 1080 hr course (Year 1 and 2) prepares students for a career in public and private investigative fields. Understand the criminal justice system, investigate crimes, and improve decision-making skills. Develop a working relationship with industry standard representatives and set a pathway towards your career goals and objectives. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

Prerequisites: B or better in Criminal Justice 1 and instructor approval

Graduation Requirement Credit: CTE, Elective

Certifications: None

Culinary Arts & Hospitality Mgmt. 1

grade 11-12

2 semesters

In this 1080 hr course (Year 1 and 2) students train in our well-equipped kitchen to prepare stocks, cuts of meat, poultry and seafood utilizing a variety of cooking methods. You will work in various positions in the restaurant and hospitality environments while preparing for your career and future college education. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

Prerequisites: None

Graduation Requirement Credit: CTE, Elective

Certifications: Food Handler's Permit, and Precision Exams - Foods and Culinary

Culinary Arts & Hospitality Mgmt. 2

grade 12

2 semesters

This 1080 hr course (Year 1 and 2) prepares students for Students train in our well-equipped kitchen to prepare stocks, cuts of meat, poultry and seafood utilizing a variety of cooking methods. You will work in various positions in the restaurant and hospitality environments while preparing for your career and future college education. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

Prerequisites: B or better in Culinary Arts & Hospitality Mgmt. 1 and instructor approval

Graduation Requirement Credit: CTE, Elective

Certifications: Mandatory Alcohol Server Training

Digital Game and Web Design 1

grade 11-12

2 semesters

This 1080 hr course (Year 1 and 2) prepares students for a variety of jobs within the industry, including designer, media development, and media production management. Students will produce their own games and learn foundational programming and project management skills through the creation of computer games geared toward the digital interactive entertainment industry. The first half of the year focuses on building challenges in the design of games using programming techniques taught in the class. The second half of the year focuses on student development of high level gaming incorporating advanced design elements using physics and artificial intelligence. U.S. Game industry for 2017 is now valued at \$18.4 billion where sales were over \$30 billion. Get a head start in this exciting field while attending NEWTECH.

Prerequisites: None

Graduation Requirement Credit: Math, CTE, Elective

Certifications: None

Courses are either 540 hrs or 1,080 hrs. 540 hr courses may not be repeated the next year. 1,080 hr courses have an optional 2nd year.

Digital Game and Web Design 2

grade 12

2 semesters

This 1080 hr course (Year 1 and 2) prepares students for a variety of jobs within the industry, including designer, media development, and media production management. Students will produce their own games and learn foundational programming and project management skills through the creation of computer games geared toward the digital interactive entertainment industry. The first half of the year focuses on building challenges in the design of games using programming techniques taught in the class. The second half of the year focuses on student development of high level gaming incorporating advanced design elements using physics and artificial intelligence. U.S. Game industry for 2017 is now valued at \$18.4 billion where sales were over \$30 billion. Get a head start in this exciting field while attending NEWTECH.

Prerequisites: B or better in Digital Game and Web Design 1 and instructor approval

Graduation Requirement Credit: CTE, Elective

Certifications: None

Energy and Power

grade 11-12

2 semesters

In this 1080 hr course, students analyze energy sources and explore the generation, transmission, and distribution of electricity using the Energy Industry Fundamentals modules from the Center for Energy Workforce Development (CEWD). The purpose of this course is to ensure that potential workers gain an understanding of the energy industry as a prerequisite to occupation-specific training. It also ensures that they gain an understanding of the careers available in the energy industry (public utilities), as well as the education and training to enter and advance in those careers. The course provides math, science, and technical writing skills through hands-on application. Students have an opportunity to take the Energy Industry Fundamentals Certificate Assessment.

Prerequisites: None

Graduation Requirement Credit: CTE, Elective

Certifications: OSHA 10, CPR/First Aid, Energy Industry Fundamentals Certificate

Graphic Design and Digital Arts 1

grade 11-12

2 semesters

This 1080 hr course (Year 1 and 2) allows students to learn about a variety of careers within the Graphic Design field and demonstrate basic technical skills required of a Graphic Designer. In this course, students will have the opportunity to show off their creative and artistic talents using the same advanced software and techniques as industry professionals. Students will design and produce dynamic marketing projects using the Adobe Master Suite and use 3D animation and advanced techniques to deliver bold visual communications. An additional emphasis is placed on work readiness, interpersonal communication, problem solving skills, and professionalism in the workplace. Students have the opportunity to earn college credits through Spokane Falls Community College.

Prerequisites: None

Graduation Requirement Credit: Art, CTE, Elective

Certifications: Precision Exams - Desktop Publishing

Graphic Design and Digital Arts 2

grade 12

2 semesters

This 1080 hr course (Year 1 and 2) allows students to learn about a variety of careers within the Graphic Design field and demonstrate basic technical skills required of a Graphic Designer. In this course, students will have the opportunity to show off their creative and artistic talents using the same advanced software and techniques as industry professionals. Students will design and produce dynamic marketing projects using the Adobe Master Suite and use 3D animation and advanced techniques to deliver bold visual communications. An additional emphasis is placed on work readiness, interpersonal communication, problem solving skills, and professionalism in the workplace. Students have the opportunity to earn college credits through Spokane Falls Community College.

Prerequisites: B or better in Graphic Design and Digital Arts 1 and instructor approval

Graduation Requirement Credit: CTE, Elective

Certifications: None

Pre-Dental Assisting 1

grade 11-12

2 semesters

This 1080 hr course (Year 1 and 2) provides students preparation and internship for students who aspire to be dental assistants, dental hygienists, and dentists. Acquire chair-side assisting skills, laboratory, and x-ray capabilities. Qualified students may earn state certification in radiation safety and infection control. Dental Assisting is in demand and is a fast-growing profession with many dental pathways. There is a demand for Dental Assistants, both at entry-level and as skills and experience advance. Assistants may progress in the occupation by becoming a Registered Dental Assistant (RDA), Registered Dental Assistant Extended Function (RDAEF), Orthodontic Assistant (OA), Dental Sedation Assistant (DSA), Hygienist, Lab Technician, or a Dentist.

Prerequisites: None

Graduation Requirement Credit: Science, CTE, Elective

Certifications: CPR/First Aid, Blood Borne Pathogens/HIV, RDA, and Precision Exams - Dental

Pre-Dental Assisting 2

grade 12

2 semesters

This 1080 hr course (Year 1 and 2) provides students preparation and internship for students who aspire to be Dental Assistants, Dental Hygienists, and Dentists. Acquire chair-side assisting skills, laboratory, and x-ray capabilities. Qualified students may earn state certification in radiation safety and infection control. Dental Assisting is in demand and is one fast growing profession, there are many dental pathways. There is a demand for Dental Assistants, both at entry-level and as skills and experience advance. Assistants may progress in the occupation by becoming a Registered Dental Assistant (RDA), Registered Dental Assistant Extended Function (RDAEF), Orthodontic Assistant (OA), Dental Sedation Assistant (DSA), Hygienist, Lab Technician, or a Dentist.

Prerequisites: B or better in Pre-Dental Assisting 1 and instructor approval

Graduation Requirement Credit: CTE, Elective

Certifications: RDA

Pre-Medical Assisting

grade 11-12

2 semesters

Learn back office medical procedures. Topics include medical terminology, anatomy and physiology, lab procedures. Clinical training in hospitals, clinics, and doctors' offices is available. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace. Students that are 18 years of age, when they complete this course, may apply for a pre-apprenticeship cohort with Providence Medical Group.

Prerequisites: None

Graduation Requirement Credit: Science, CTE, Elective

Certifications: CPR/First Aid, and Blood Borne Pathogens/HIV

Pre-Nursing Assistant

grade 11-12

2 semesters

Students will cover the basic healthcare skills and knowledge needed to be successful in any healthcare area from nursing assistant to a physician. Studies include infection control, HIV/AIDS information and prevention, CPR and basic first aid, medical terminology, safety, body mechanics and emergency care. Recognition of common diseases and hands-on patient care are included. Students spend time in the classroom and during second semester at hospital sites learning procedures for patient care. Building student skills with temperature, pulse and respirations, taking blood pressure, as well as learning how to bathe, groom, feed and lift patients is the focus during clinical work. In addition, students learn skills in health unit coordination, competence in computer software used in hospitals and offices, and patient documentation.

Prerequisites: None

Graduation Requirement Credit: Science, CTE, Elective

Certifications: CPR/First Aid, Blood Borne Pathogens/HIV, and Nursing Assistant Certified Test Approval

Pre-Veterinary Assisting 1

grade 11-12

2 semesters

Students learn anatomy and physiology, as well as animal health and disease, animal behavior, and client communication to prepare for employment in Veterinary careers. The class focuses are academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

Prerequisites: None

Graduation Requirement Credit: Science, CTE, Elective

Certifications: Blood Borne Pathogens/HIV

Courses are either 540 hrs or 1,080 hrs. 540 hr courses may not be repeated the next year. 1,080 hr courses have an optional 2nd year.

Pre-Veterinary Assisting 2

grade 12

2 semesters

Students learn anatomy and physiology, as well as animal health and disease, animal behavior, and client communication to prepare for employment in Veterinary careers. The class focuses are academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.

Prerequisites: B or better in Pre-Veterinary Assisting 1 and instructor approval

Graduation Requirement Credit: CTE, Elective

Certifications: Veterinary Assisting

Translation & Interpretation

grade 11-12

2 semesters

If you have native fluency in a language other than English and enjoy helping people understand one another, then you may have what it takes for a career using your heritage language. In this 540 hr course, you will acquire the skills necessary to meet the growing need for Interpretation services in business and the community. Learn from professional interpreters in the industry. Career opportunities Include: medical interpreter, educational interpreter, community interpreter, business interpreter.

Prerequisites: None

Graduation Requirement Credit: CTE, Elective

Certifications: Washington State Department of Social and Health Services

Robotics & Advanced Manufacturing 1

grade 11-12

2 semesters

This 1080 hr course (Year 1 and 2) utilizes the Boeing Core-Plus curriculum and prepares students to apply basic engineering principles and technical skills to the identification and resolution of production problems in the manufacturing process of products. This course includes instruction in machine operations, production line operations, engineering analysis, systems analysis, instrumentation, physical controls, automation, computer-aided manufacturing (CAM), manufacturing planning, quality control, and informational infrastructure. Of the 3.5 million U.S. manufacturing jobs expected to be available during the next decade, at least 2 million will go unfilled because of a skills gap, according to a study company officials cited. Boeing predicts at least 40 percent of its openings over the next five years will be in manufacturing.

Prerequisites: None

Graduation Requirement Credit: Math, CTE, Elective

Certifications: OSHA 10, Precision Exams - 21st Century Skills, and Core Plus Year 1

Robotics & Advanced Manufacturing 2

grade 12

2 semesters

This 1080 hr course (Year 1 and 2) utilizes the Boeing Core-Plus curriculum and prepares students to apply basic engineering principles and technical skills to the identification and resolution of production problems in the manufacturing process of products. This course includes instruction in machine operations, production line operations, engineering analysis, systems analysis, instrumentation, physical controls, automation, computer-aided manufacturing (CAM), manufacturing planning, quality control, and informational infrastructure. Of the 3.5 million U.S. manufacturing jobs expected to be available during the next decade, at least 2 million will go unfilled because of a skills gap, according to a study company officials cited. Boeing predicts at least 40 percent of its openings over the next five years will be in manufacturing.

Prerequisites: B or better in Robotics and Adv Manufacturing 1 and instructor approval

Graduation Requirement Credit: CTE, Elective

Certifications: Core Plus Year 2

Project Management

grade 11-12

2 semesters

Project Management introduces project management from the standpoint of a manager who must organize, plan, implement, and control tasks to achieve an organization's schedule, budget, and performance objectives. Tools and concepts such as project charter, scope statement, work breakdown structure, project estimating, and scheduling methodologies are studied. We will even practice with Microsoft Project software to be able to manage a project from start to deployment! What is a project? How do you manage one? What is the best approach? You will learn the answers those questions and much more in this 540 hr course. This is an opportunity to learn the project management fundamentals that can guide a project through a maze of challenges to successful completion! Successful projects do not occur by luck or by chance. In fact, many projects do not achieve their organization's goals.

Prerequisites: None

Graduation Requirement Credit: CTE, Elective

Certifications: Certified Associate in Project Management (CAPM)

Welding Technology 1

grade 11-12

2 semesters

Students can go into the metalworking industry as an entry level employee. Metal working is one of the largest industries in the United States students can go into employment building bridges, tunnels, skyscrapers, pipelining system, custom fabricated products, aerospace production and many other products that need to be welded and fabricated in our economy. The current pathway is growing at 9% and is projected to continue to grow. Starting wages are typically \$18-23 for starting and journeyman level employees are typically \$45-70 per hour. The class can be physically demanding, expect to be standing and working on your feet for 2 hours in class, although there is no heavy lifting. Expect to wear long pants and closed toed shoes in class every day. Expect to be using basic math and science to solve assignments in lab. The class focuses on academic, technical skills, and employability practices.

Prerequisites: None

Graduation Requirement Credit: CTE, Elective

Certifications: AWS D1.1 Tack Weld , and AWS D1.1 FCAW 3G

Welding Technology 2

grade 12

2 semesters

Students can go into the metalworking industry as an entry level employee. Metal working is one of the largest industries in the United States students can go into employment building bridges, tunnels, skyscrapers, pipelining system, custom fabricated products, aerospace production and many other products that need to be welded and fabricated in our economy. The current pathway is growing at 9% and is projected to continue to grow. Starting wages are typically \$18-23 for starting and journeyman-level employees are typically \$45-70 per hour. The class can be physically demanding, expect to be standing and working on your feet for 2 hours in class, although there is no heavy lifting. Expect to wear long pants and closed toed shoes in class every day. Expect to be using basic math and science to solve assignments in lab. The class focuses on academic, technical skills, and employability practices.

Prerequisites: B or better in Welding Technology 1 and instructor approval

Graduation Requirement Credit: CTE, Elective

Certifications: AWS D1.1 FCAW 3G, ASME Section IX, GMAW Spray 2G (Wagstaff), and WABO FCAW 2G (Metals Fabrication Co.)

Courses are either 540 hrs or 1,080 hrs. 540 hr courses may not be repeated the next year. 1,080 hr courses have an optional 2nd year.

English Language Development

Course Listings

Course Name	Prerequisite	Grade Level
ELD Electives		
ELD 1	Yes	9, 10, 11, 12
ELD 2	Yes	9, 10, 11, 12
ELD Newcomer Reading Foundations	Yes	9, 10, 11, 12
ELD Newcomer Math	Yes	9, 10, 11, 12
ELD Math	No	9, 10, 11, 12

*NCAA approved †CADR approved

Electives

for English Learners

Additional courses for English Learners can be found in the English Language Arts and Social Studies course sections.

Course Descriptions

ELD 1 grades 9-12 2 semesters

ELD 1 offers support in second language development and accompanies Edge English 1.

Prerequisites: Edge Placement Test

Graduation Requirement Credit: Elective

Program of Study: ELD

ELD 2 grades 9-12 2 semesters

This course offers support in second language development and accompanies Edge English 2.

Prerequisites: Edge Placement Test

Graduation Requirement Credit: Elective

Program of Study: ELD

ELD Newcomer Reading Foundations grades 9-12 2 semesters

This entry-level reading course is offered to beginning English Language Learners at the high school Newcomer center. It focuses on the development of concepts of print, decoding skills, and comprehension strategies necessary to read successfully in English and accompanies Inside English Newcomer.

Prerequisites: Level 1 on ELPA21

Graduation Requirement Credit: Elective

Program of Study: ELD

ELD Newcomer Math grades 9-12 2 semesters

This basic math class is for students who need to learn the vocabulary of math and to learn basic math concepts/skills and accompanies Inside English Newcomer.

Prerequisites: Level 1 on ELPA21

Graduation Requirement Credit: Elective

Program of Study: Mathematics

ELD Math grades 9-12 2 semesters

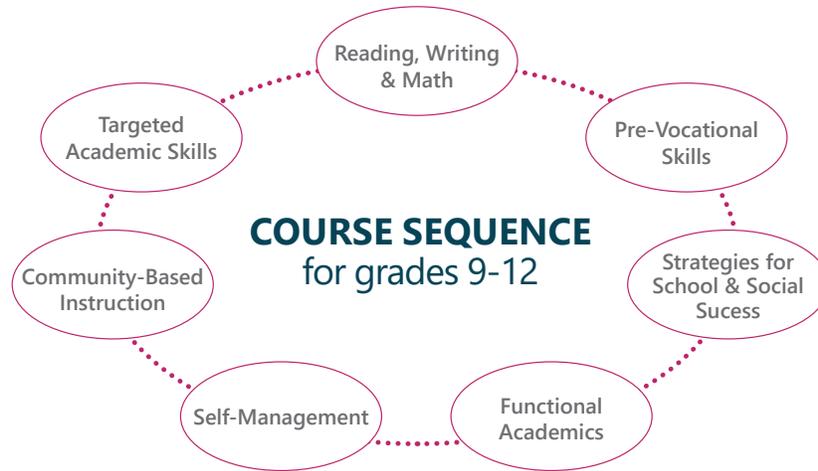
This course is for students whose language proficiency and math skills require additional development before the students can be successful in a general education Algebra 1 course. This course helps to develop the students' math language skills while developing math skills.

Prerequisites: None

Graduation Requirement Credit: Elective

Program of Study: Mathematics

Special Education



Secondary General Education Core & Elective Grading Guidelines for IEP Students with IEPs.

Areas of Consideration	Course Designation	
	General	Modified
Adaptions	Accommodations: changes in conditions by which the task is performed.	Modified: Changes in task requirement.
IEP	Accommodations are listed on IEP	Modifications are listed on IEP
Course Objectives	Student accomplishes the same standards as typically developing peers.	Student accomplishes modified standards that are directly related to the course curriculum and grade level, developmentally appropriate and/or related to IEP goals
Grading Standards	Grade on general education standards	Grade on modified standards determined through collaboration between general education teacher and special education teacher
Meets NCAA & CADR*	Yes	No

**Courses with 'Targeted' in the title do not meet National Collegiate Athletic Association (NCAA) and College and Academic Distribution Requirements (CADR) for college entrance eligibility for college athletics with the exception of Targeted English 9, 10, 11, and 12.*

Special Education courses are available to all students who meet Washington State eligibility criteria for special education services and are being served on an Individualized Education Program (IEP). This continuum includes specially designed instruction, accommodations, and related services in general education, special education, and/or community environments. Special education personnel at each school site will determine specific course availability based on an analysis of their student population. Therefore, not every aspect of the continuum may be available at every school. Classes will be assigned based on individual student needs and the IEP process. As part of the IEP process, the team may determine a particular course be repeated for credit and/or may be taken multiple times.

Students receiving special education services who are enrolled in general education courses may require accommodations and/or modifications to fully access the curriculum. Special education students requiring significant modifications (beyond accommodations) to the general education curriculum would necessitate a "Modified" designation be added to the course title. The modifications and appropriate designations are determined by the IEP team and documented on the student's IEP.

Course Listings

Course Name	Prerequisite	Grade Level
Career and Academic Preparation	Yes	9, 10, 11, 12
Reading Fundamentals	Yes	9, 10, 11, 12
English Targeted**	Yes	9, 10, 11, 12
Mathematics Targeted Level 1**	Yes	9, 10
Mathematics Targeted Level 2**	Yes	11, 12
Algebra Targeted**	Yes	9, 10, 11, 12
Geometry Targeted**	Yes	9, 10, 11, 12
Math Applications Targeted**	Yes	9, 10, 11, 12
Biology Modified**	Yes	9, 10, 11, 12
Chemistry Modified**	Yes	9, 10, 11, 12
World History Modified**	Yes	9, 10
US History Modified**	Yes	11, 12
Civics/CWA Modified**	Yes	12
Social and Behavior Support		
Personal Choices	Yes	9, 10, 11, 12
Social Skills	Yes	9, 10, 11, 12
Designed Instruction		
Literacy Practical Levels 1 and 2†	Yes	9, 10
Literacy Practical Levels 3 and 4†	Yes	11, 12
Math Practical Levels 1 and 2†	Yes	9, 10
Math Practical Levels 3 and 4†	Yes	11, 12
Biology Practical†	Yes	9, 10
Chemistry Practical†	Yes	11, 12
World History Practical†	Yes	9, 10
US History Practical†	Yes	11, 12
Civics/CWA Practical†	Yes	12
Practical Health and Fitness†	Yes	9, 10, 11, 12
Foods and Nutrition Modified†	Yes	9, 10, 11, 12
Pre-Vocational Training†	Yes	9, 10, 11, 12
Office Job Training (OJT)†	Yes	10, 12
Career Choices†	Yes	10, 11, 12
Career Focus†	Yes	12
Adaptive Leisure Transition†	Yes	9, 10, 11, 12+
Independent Living Skills Transition†	Yes	9, 10, 11, 12+
Community Instruction	Yes	12+
Career Transition	Yes	12+
*NCAA approved †CADR approved		

Course Descriptions

Career and Academic Preparation 9/10

grade 9-10

up to 4 semesters

This course will offer students, with an IEP; individualized teacher directed specially designed instruction in their content eligible areas. Students complete required course work, define transition goals as part of their IEP specific to areas of interest and movement towards postsecondary pursuits. Students will develop their independent learning skills as they respond to opportunities for self-evaluation and navigation of high school responsibilities and expectations. Students will develop life skills such as attendance, punctuality, organization, responsibilities, attitude, behavior management and effort, goal setting, self-monitoring, communication, note taking, test taking, textbook usage, understanding needed accommodations, and increase self-advocacy skills.

Prerequisites: Student must have a current Individualized Education Plan

Graduation Requirement Credit: Elective-IEP Driven

Career & Academic Preparation 11/12

grade 11-12

up to 4 semesters

This course will offer students, with an IEP; individualized teacher directed specially designed instruction in their content eligible areas. Students complete required course work, define transition goals as part of their IEP specific to areas of interest and movement towards postsecondary pursuits. Students will develop their independent learning skills as they respond to opportunities for self-evaluation and navigation of high school responsibilities and expectations. Students will develop life skills such as attendance, punctuality, organization, responsibilities, attitude, behavior management and effort, goal setting, self-monitoring, communication, note taking, test taking, textbook usage, understanding needed accommodations, and increase self-advocacy skills.

Prerequisites: Student must have a current Individualized Education Plan

Graduation Requirement Credit: Elective-IEP Driven

Reading Fundamentals

grade 9-12

up to 2 semesters

This course provides intensive reading intervention at a beginning level with a focus on accuracy and fluency as a basis for comprehension. Placement in this course is determined by leveled assessment in conjunction with IEP goals. Curriculum content includes: word-attack skills; phonemic awareness; sound/symbol identification; sounding out regular and irregular words; and sentence reading.

Prerequisite: Student must have a Reading goal on their IEP.

Graduation Requirement Credit: Elective-IEP Driven, May be used to substitute English credit per IEP team recommendation.

English Targeted 9

grade 9

2 semesters

This course provides intensive reading and writing intervention for students who have a Reading goal and requires specially designed instruction. The curriculum content is aligned with district approved 9th grade curriculum.

Prerequisites: Student must have a Reading and or Writing goal.

Graduation Requirement Credit: English 9A and 9B

English Targeted 10

grade 10

2 semesters

This course provides intensive reading and writing intervention for students who have a Reading goal and requires specially designed instruction. The curriculum content is aligned with district approved 10th grade curriculum.

Prerequisites: Student must have a Reading and or Writing goal.

Graduation Requirement Credit: English 10A and 10B

English Targeted 11

grade 11

2 semesters

This course provides intensive reading and writing intervention for students who have a Reading goal and requires specially designed instruction. The curriculum content is aligned with district approved 11th grade curriculum.

Prerequisites: Student must have a Reading and or Writing goal.

Graduation Requirement Credit: English 11A and 11B

English Targeted 12

grade 9

2 semesters

This course provides intensive reading and writing intervention for students who have a Reading goal and requires specially designed instruction. The curriculum content is aligned with district approved 12th grade curriculum.

Prerequisites: Student must have a Reading and or Writing goal.

Graduation Requirement Credit: English 12A and 12B

Mathematics Targeted Level 1

grade 9-10

up to 4 semesters

This course is intended for students with very limited numeration skills. It provides explicit instruction with a continued emphasis on higher-order thinking skills, extending whole number skills to include higher-level work with whole number algorithms, fractions, decimals, and further problem solving instruction. IEP goals and objectives are addressed.

Prerequisites: Students must have a math goal on their IEP

Graduation Requirement Credit: MATH

Mathematics Targeted Level 2

grade 11-12

up to 4 semesters

This course is intended for students with very limited numeration skills. It provides explicit instruction with a continued emphasis on higher-order thinking skills, extending whole number skills to include higher-level work with whole number algorithms, fractions, decimals, and further problem solving instruction. IEP goals and objectives are addressed.

Prerequisites: Students must have a math goal on their IEP

Graduation Requirement Credit: MATH Program of Study: NA

Algebra Targeted

grade 9-12

up to 4 semesters

Algebra will weave together a variety of concepts, procedures and processes in mathematics. This course prepares students for algebra—perfect for students who have struggled previously with math. It provides explicit instruction on essential algebra content including strategies for solving straight line equations, exponents, signed numbers, facility with fractions, decimals and percents, data tables and graphs, and a wide range of word problems involving rate, proportion, probability, and algebraic solutions. Curriculum aligns with district approved Algebra curriculum.

Prerequisite: Students must have a math goal on their IEP

Graduation Requirement Credit: MATH

Program of Study: NA

Geometry Targeted

grade 9-12

up to 4 semesters

Students will explore the basic concepts and methods of Geometry while deepening understanding about plane and solid geometry. This course is offered to students who have struggled with math. It provides explicit instruction on essential and basic geometry content including strategies for solving straight-line equations, exponents, signed numbers, facility with fractions, decimals and percents, data tables and graphs, and a wide range of word problems involving rare, proportion, probability, and algebraic solutions. Curriculum aligns with district approved Geometry curriculum.

Prerequisite: Students must have a math goal on their IEP

Graduation Requirement Credit: MATH

Program of Study: NA



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Math Applications Targeted

grade 11-12

up to 4 semesters

This course provides explicit instruction with a continued emphasis on problem solving related to mathematical applications seen in the world. This course is designed for students with IEP goals in math who have already completed Algebra and Geometry targeted. IEP goals and objectives are addressed.

Prerequisite: Students must have a math goal on their IEP, completion of Algebra and Geometry Targeted

Graduation Requirement Credit: MATH

Program of Study: NA

Biology Modified

grade 9-10

up to 2 semesters

This is a science course focused on biology, the study of living things. This course provides students the opportunity to learn science concepts and principles, acquire reasoning and problem-solving abilities, and develop inquiry skills. The course engages with in-depth learning experiences that enable them to develop a deep understanding of the ideas of science and the ability to apply these ideas appropriately. The course is designed to enable students to attain a fundamental level of scientific literacy that will provide the competencies needed for successful participation in our scientifically and technologically oriented society.

Prerequisite: Students must have IEP goals in qualifying areas and modified grading selected in IEP.

Graduation Requirement Credit: Biology

Chemistry Modified

grade 9-10

up to 2 semesters

This is a science course focused on chemistry and chemistry concepts of the structure of matter, states of matter and the nature of chemical reactions. This course provides students the opportunity to learn science concepts and principles, acquire reasoning and problem solving abilities, and develop inquiry skills. The course is designed to enable students to attain a fundamental level of scientific literacy that will provide the competencies needed for successful participation in our scientifically and technologically oriented society.

Prerequisite: Students must have IEP goals in qualifying areas and modified grading selected in IEP.

Graduation Requirement Credit: Chemistry

World History Modified

grade 9-10

up to 2 semesters

The 9th/10th grade World History course will ask students to engage in the civics, geography, history, and economy of a variety of cultures through a variety of time frames, often through a project-based format. Special attention will be given to helping students work with their informational reading and writing skills throughout the year.

Prerequisite: Students must have IEP goals in qualifying areas and modified grading selected in IEP.

Graduation Requirement Credit: World History

US History Modified

grade 11-12

up to 2 semesters

Students taking US History study a combination of U.S. history and government, 1890 to the present. Students consider multiple accounts of events and issues in order to understand the politics, economics, geography, and history of this country from a variety of perspectives. In addition, students examine the state and national constitutions and treaties and how these documents govern the rights and responsibilities of all residents and citizens in Washington and the rest of the United States.

Prerequisite: Students must have IEP goals in qualifying areas and modified grading selected in IEP.

Graduation Requirement Credit: US History

Civics/CWA Modified

grade 12

up to 2 semesters

This course will examine the key issues facing our worlds today. Students will bring together the understanding and skills they have developed over the years in social studies to dig deeper into the problems of the environment, social and legal structures of American government and the economy.

Prerequisite: Students must have IEP goals in qualifying areas and modified grading selected in IEP.

Graduation Requirement Credit: Civics/CWA

Social and Behavior Support

Personal Choices

grade 9-12

up to 8 semesters

High school programs implement intensive behavior modification and therapeutic interventions in order to provide students with the skills necessary to return to the general education classroom as soon as possible. Programs provide core academic individualized education, may utilize a token economy, a level system, social skill instruction, behavior management and group therapy to provide comprehensive service delivery systems.

Prerequisite: Students must have IEP goal in Behavior and/or Social Skills. 504 students must have access to smaller setting for social and/or behavioral support addressed in their 504 plan.

Graduation Requirement Credit: Elective or as determined by IEP Team

Social Skills

grade 9-12

up to 8 semesters

Students will learn to appropriately meet and greet others, generate and participate in conversations, and respond appropriately while interacting with peers, authority figures, and co-workers. Students will learn and practice acceptable behavioral patterns to use when encountering various social situations. IEP goals and objectives are addressed.

Prerequisite: Students must have IEP goal in behavior and or Social Skills. 504 students must have access to smaller setting for social and or behavioral support addressed in their 504 plan.

Graduation Requirement Credit: Elective or as determined by IEP Team

Designed Instruction

Literacy Practical Levels 1 and 2

grade 9-10

up to 4 semesters

This course is for high school students with very limited decoding ability; limited expressive and/or receptive language skills. Students will build functional reading comprehension and vocabulary skills while completing readings and assignments from various reading curricula. Students will recognize and use community safety signs to encourage their independence and flexibility while in the community and vocational settings.

Prerequisite: Students must have IEP goals in Reading and Writing.

Graduation Requirement Credit: English

Literacy Practical Levels 3 and 4

grade 11-12

up to 4 semesters

This course is for high school center or included students who have very little decoding ability. Students will develop functional writing and keyboarding skills that promote the use of written communication to enhance daily living situations and relationships, and successful integration into the workplace. IEP goals and objectives are addressed.

Prerequisite: Students must have IEP goals Reading and Writing.

Graduation Requirement Credit: English

Math Practical Levels 1 and 2

grade 9-10

up to 4 semesters

Students will learn math skills necessary for independent living. This includes a focus on using money, sorting patterns, basic computational math skills, time-management skills, using a calculator, and problem solving. The specific skill areas are determined by the needs of the individual student. IEP goals and objectives are addressed.

Prerequisite: Students must have IEP goal in Math

Graduation Requirement Credit: Math

Math Practical Levels 3 and 4

grade 11-12

up to 2 semesters

Students will learn math skills necessary for independent living. This includes a focus on using money, sorting patterns, basic computational math skills, time-management skills, using a calculator, and problem solving. The specific skill areas are determined by the needs of the individual student. IEP goals and objectives are addressed.

Prerequisite: Students must have IEP goal in Math

Graduation Requirement Credit: Math

Biology Practical

grade 9-10

up to 4 semesters

This is a science course focused on biology, the study of living things. This course provides students the opportunity to learn science concepts and principles, acquire reasoning and problem solving abilities, and develop inquiry skills. The course is designed to enable students to attain a fundamental level of scientific literacy that will provide the competencies needed for successful participation in our scientifically and technologically oriented society.

Prerequisite: Students must have IEP goals in Reading, Writing, and Math. Placement is determined by IEP Team

Graduation Requirement Credit: Biology

Program of Study: NA

Chemistry Practical

grade 11-12

up to 4 semesters

This is a science course focused on chemistry and chemistry concepts of the structure of matter, states of matter and the nature of chemical reactions. This course provides students the opportunity to learn science concepts and principles, acquire reasoning and problem solving abilities, and develop inquiry skills. The course is designed to enable students to attain a fundamental level of scientific literacy that will provide the competencies needed for successful participation in our scientifically and technologically oriented society.

Prerequisite: Students must have IEP goals in reading, writing, and math. Placement is determined by IEP Team.

Graduation Requirement Credit: Chemistry

World History Practical

grade 9-10

up to 2 semesters

The 9th/10th grade World History course will ask students to engage in the civics, geography, history, and economy of a variety of cultures through a variety of time frames, often through a project-based format. Special attention will be given to helping students work with their informational reading and writing skills throughout the year.

Prerequisite: Students must have IEP goals in qualifying areas. Placement is determined by IEP Team

Graduation Requirement Credit: World History

US History Practical

grade 11-12

up to 2 semesters

Students taking US History study a combination of U.S. history and government, 1890 to the present. Students consider multiple accounts of events and issues in order to understand the politics, economics, geography, and history of this country from a variety of perspectives. In addition, students examine the state and national constitutions and treaties and how these documents govern the rights and responsibilities of all residents and citizens in Washington and the rest of the United States.

Prerequisite: Students must have IEP goals in qualifying areas. Placement is determined by IEP Team

Graduation Requirement Credit: US History

Civics/CWA Practical

grade 12

up to 2 semesters

This course will examine the key issues facing our worlds today. Students will bring together the understanding and skills they have developed over the years in social studies to dig deeper into the problems of the environment, social and legal structures of American government and the economy.

Prerequisite: Students must have IEP goals in qualifying areas. Placement determined by IEP Team.

Graduation Requirement Credit: Civics/CWA

Practical Health and Fitness

grade 9-12

Up to 8 Semesters

This course provides instruction in physical health and activity. Students are exposed to stretching exercises, calisthenics and cardiovascular activities. Students participate in games, individual sports, and team sports based upon their individual needs and abilities. Students may also participate in a bicycle program using adaptive equipment geared to their physical needs. Student's IEP goals will be addressed in this class through instruction in adaptive skills.

Prerequisite: Placement determined by IEP Team

Graduation Requirement Credit: Fitness and or Health Credit

Foods and Nutrition Modified

grade 9-12

up to 2 semesters

Learn to make informed decisions about what to eat as well as proper methods of preparation. Foods and Nutrition uses the newest technology to help you manage food resources. Cooking skills, safety, and nutrition are just a few focus areas of this class. Content includes food artistry, global food issues, and kitchen management

Prerequisite: Current IEP

Graduation Requirement Credit: Elective or CTE

Pre-Vocational Training

grade 9-12

up to 2 semesters

This course covers the initial instruction of vocational skills useful within the home, school, community, and job site. The specific skill areas, such as communication and emergent vocational experiences, are determined by the needs of the individual student.

Prerequisite: Current IEP with identified post-secondary goals that are addressed during the course.

Graduation Requirement Credit: Elective or CTE

Office Job Training (OJT)

grade 10-12

up to 6 semesters

This course of study is designed to provide an opportunity for students to experience in building field job experiences. Students will improve and/or develop behaviors in a variety of situations. IEP goals and objectives are addressed.

Prerequisite: Student must have a current IEP with identified post-secondary goal that is addressed through the course.

Graduation Requirement Credit: Elective or CTE

Career Choices

grade 10-12

up to 6 semesters

You will understand and be able to use the skills, work habits, and attitudes necessary to succeed in the world of work by taking this course. Applied economics, job search and retention, business math, human relations, problem solving and communications are among the components of this class.

Prerequisite: Student must have a current IEP with identified post-secondary goal that is addressed through the course.

Graduation Requirement Credit: Elective or CTE

Career Focus

grade 12

up to 4 semesters

Career Focus is a community-based, learning and training opportunity for 12th grade students. Students receive direct instruction from a business mentor as well as the teacher/coordinator in addition to work-site experience. Individualized training plans are collaboratively developed to allow students to explore their interests, gain work related skills, as well as apply classroom learning in a hands-on setting. Each student is assessed individually, based on real performance and visible benchmarks of performance, and work placed readiness. Individual IEP goals and objectives are addressed.

Prerequisite: Student must have a current IEP with identified post-secondary goal that is addressed through the course. Student must be in their 4th year of HS or age 17 and above.

Graduation Requirement Credit: Elective or CTE

Adaptive Leisure Transition

grade 9-12+

multiple semesters

This course will provide students with activities which they can learn to do outside of the classroom. Students will participate in adaptive physical activities, modified art activities, recreation, as well as participate in games and community outings and refining the social aspects of the adult world. Student's IEP goals will be addressed in this class through instruction in adaptive skills.

Prerequisite: Student must have a current IEP with identified post-secondary goal that is addressed through the course.

Graduation Requirement Credit: As determined by IEP TEAM

Location: STEP, IMAGES, Project SEARCH, Ferris (MHOH), Shadle (MHOH, ABLE), LC (ABLE)

Independent Living Skills Transition

grade 9-12+

multiple semesters

This course is designed to provide instruction in life-long adaptive skills in the areas of community and home safety, living with others (including hygiene, grooming, etiquette, and conflict resolution) and household management (healthy living, shopping, handling money). IEP goals and objectives are addressed.

Prerequisite: Student must have a current IEP with identified post-secondary goal that is addressed through the course.

Graduation Requirement Credit: As determined by IEP TEAM

Location: STEP, IMAGES, Project SEARCH, Ferris (MHOH), Shadle (MHOH, ABLE), LC (ABLE)

Community Instruction

grade 12+

up to 2 semesters

This course covers independent living skills necessary for successful functioning in the community. Instruction specifically address independent living skill areas such as transportation (walking safely to community sites), bus transportation, communication (communicating effectively with store clerks, restaurant servers, and other community servers), finances (traveling in the community with money and making purchases at stores and restaurants) and social skills (learning the roles of various community members and how to appropriately interact with them, particularly when requesting needs or wants in public settings). The specific skill areas are determined by the needs

Prerequisite: Student must have a current IEP with identified post-secondary goal that is addressed through the course.

Graduation Requirement Credit: NA

Location: STEP, IMAGES, Project SEARCH, Ferris (MHOH), Shadle (MHOH, ABLE), LC (ABLE)

Career Transition

grade 12+

2 semesters

This course of study is designed to provide a supported opportunity for students enrolled in the Career Transition Skills to practice related to their various work training internships in the school or community. Students will improve and/or develop behaviors in a variety of situations. IEP goals and objectives are addressed.

Prerequisite: Student must have a current IEP with identified post-secondary goal that is addressed through the course.

Graduation Requirement Credit: NA

Location: STEP, IMAGES, Project SEARCH

ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at eligibilitycenter.org. If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page at eligibilitycenter.org.

ACADEMIC REQUIREMENTS

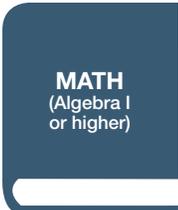
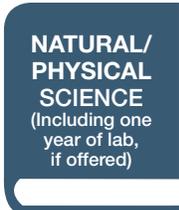
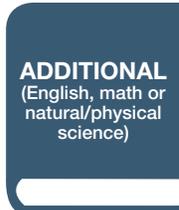
To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an ACT or SAT score that matches your core-course GPA.

CORE COURSES

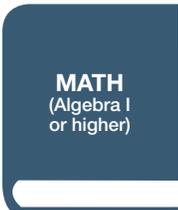
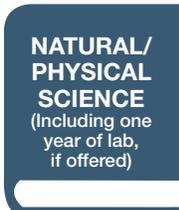
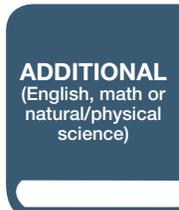
Visit eligibilitycenter.org/counselist for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

DIVISION I

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

 ENGLISH	 MATH <small>(Algebra I or higher)</small>	 NATURAL/ PHYSICAL SCIENCE <small>(Including one year of lab, if offered)</small>	 ADDITIONAL <small>(English, math or natural/physical science)</small>	 SOCIAL SCIENCE	 ADDITIONAL COURSES <small>(Any area listed to the left, foreign language or comparative religion/philosophy)</small>
4 years	3 years	2 years	1 year	2 years	4 years

DIVISION II

 ENGLISH	 MATH <small>(Algebra I or higher)</small>	 NATURAL/ PHYSICAL SCIENCE <small>(Including one year of lab, if offered)</small>	 ADDITIONAL <small>(English, math or natural/physical science)</small>	 SOCIAL SCIENCE	 ADDITIONAL COURSES <small>(Any area listed to the left, foreign language or comparative religion/philosophy)</small>
3 years	2 years	2 years	3 years	2 years	4 years

GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your grade-point average (GPA) based on the grades you earn in NCAA-approved core courses.

- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

SLIDING SCALE

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about sliding scales at ncaa.org/student-athletes/future/test-scores.

TEST SCORES

Take the ACT or SAT as many times as you want before you enroll full time in college, but remember to list the NCAA Eligibility Center (code **9999**) as a score recipient whenever you register to take a test. If you take a test more than once, send us all your scores and we will use the best scores from each test section to create your sum score. We accept official scores only from the ACT or SAT, and won't use scores shown on your high school transcript.



HIGH SCHOOL TIMELINE

GRADE 9

Plan

- Start planning now! Take the right courses and earn the best grades you can.
- Ask your counselor for a list of your high school's NCAA core courses to make sure you take the right classes. Or, find your high school's list of NCAA core courses at eligibilitycenter.org/courselist.

GRADE 10

Register

- Register for a Certification Account or Profile Page with the NCAA Eligibility Center at eligibilitycenter.org.
- If you fall behind on courses, don't take shortcuts to catch up. Ask your counselor for help with finding approved courses or programs you can take.

GRADE 11

Study

- Check with your counselor to make sure you are on track to graduate on time.
- Take the ACT or SAT, and make sure we get your scores by using code **9999**.
- At the end of the year, ask your counselor to upload your official transcript.

GRADE 12

Graduate

- Take the ACT or SAT again, if necessary, and make sure we get your scores by using code **9999**.
- Request your final amateurism certification after April 1.
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation.

Core Courses

This simple formula will help you meet Divisions I and II core-course requirements.

$$4 \times 4 = 16$$

- + 4 English courses (one per year)
- + 4 math courses (one per year)
- + 4 science courses (one per year)
- + 4 social science courses (one per year)

= 16 NCAA CORE COURSES

For more information:

ncaa.org/playcollegesports
eligibilitycenter.org

Search Frequently Asked Questions

ncaa.org/studentfaq

Follow us:

 @NCAAEC

 @playcollegesports

SchoolLinks

Get free access to Spokane Schools' high performance college and career readiness platform, SchoolLinks.

Students and families: go to your school's website and click on the SchoolLinks banner to get help with course planning, explore career interests, research financial aid, apply to colleges and more—all in one place.



- course planning
- college search & applications
- career profiles & resume builder



- scholarship center
- financial aid calculator
- year round support & live chat for students

APPENDIX A			
CTE Possible Industry Recognized Certifications, Dual Credit, or Apprenticeships			
	Certifications	Dual Credit	Apprenticeship
Agriculture			
Plant Science 1 (Lab Science)	Precision Exams	Pending Dual Credit	
Plant Science 2 (Lab Science)			
Arts- Photo/Video			
Digital Photo*	Adobe Photoshop Cert Adobe InDesign Cert	SFCC AP	
AP - Studio Art 2D Digital Photo*			
Yearbook*			
TV/Video Production*	Adobe After Effects Cert Adobe Premier Pro Cert	Pending Dual Credit	
Filmmaking*			
Biomedicine			
Medical Interventions*	BACE Certification	Pending Dual Credit	
Biomedical Innovations*			
Genomic Research*			
Business & Marketing			
Business & Marketing 1&2	Precision Exams	SCC	
Sports Entertainment Marketing			
Accounting		Pending Dual Credit	
Web Design	Adobe Dreamweaver Cert Adobe Illustrator Cert	SFCC	
MS Cert Computer Apps Splst	MS Apps Specialist Cert		
Education & Human Services			
Early Childhood Education	STARS Certification	SFCC	
Early Childhood Education Assist			
Engineering			
Civil Engineering and Architecture	AutoCAD and or Solidworks Certification	Pending Dual Credit	
Aerospace Engineering			AJAC Production Technician
Compu Integrated Manufact	Precision Exams		AJAC Automation Technician
Foods & Hospitality			
Food & Nutrition	Food Handlers Cert ProStart 1&2 Certification ServSafe Manager Cert	SFCC	
ProStart 1			
ProStart 2			Youth Culinary Apprenticeship Program (YCAP)
ProStart Intern			

Information Technology			
AP Computer Science	TestOut IT Fundamentals TestOut PC Pro TestOut Security Pro CyberPatriot Tech Caregiver Cert	AP & Pending Dual Credit	
AP Computer Science Principles			
Cybersecurity			
Digital Gaming	Adobe Dreamweaver Cert Adobe Illustrator Cert Adobe After Effects		
Law & Public Safety			
Criminal Justice*	Precision Exams	Pending Dual Credit	
Manufacturing & Construction			
Aerospace Engin & Manufact 1	Boeing Core Plus Certificate of Competency		AJAC Production Technician
Aerospace Engin & Manufact 2			AJAC Automation Technician
Compu Integrated Manufact	Precision Exams		
Construction 1	OSHA 10 Certificate		Pre-Apprenticeship @ NEWTech
Construction 2			
Sports Medicine			
Sports Medicine 1	First Aid/CPR/ AED credential		
Sports Medicine 2			
Transportation			
Auto Mechanics Technology 1	ASE Entry Level Certifications	Pending Dual Credit	
Auto Mechanics Technology 2			
Agriculture			
Arts & Communication			
Business & Marketing			
Foods & Hospitality			
Pending Dual Credit			
Health Sciences			
Information Technology			
Law & Public Safety			
Skilled and Technical			