

Wilbur-Creston High School

Curriculum Guide

2020-2021



**Wilbur-Creston High School
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Table of Contents

<u>Administrators & Staff</u>	2
<u>Graduation Requirements</u>	3
<u>Class Checklist</u>	4
<u>Additional Educational Opportunities</u>	5
<u>4-Year College Requirements</u>	6
<u>Optional In-School Testing</u>	7
<u>WCHS Course Offerings</u>	7-20
<u>Art & Music</u>	8
<u>Career & Technical Education (CTE)</u>	9
<u>Electives</u>	10
<u>English</u>	12
<u>Mathematics</u>	13
<u>Physical & Health Education</u>	15
<u>Science</u>	15
<u>Social Studies</u>	17
<u>Special Education</u>	18
<u>World Languages</u>	18

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World Languages

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Graduation Requirements

Credits

In order to receive a diploma from Wilbur-Creston High School, students must earn at least 26 total credits.* The specific subject requirements can be found below.

Graduation Requirements		
Subject	Required Credits	Required Classes
English	4	Eng. 9, Eng. 10, Eng. 11/Eng. 101-102, Eng. 12/Eng. 105
Math	3	Alg. 1, Geometry, Alg. 2/3 rd year alt.
Science	3 (2 lab)	Physical Science, Biology
Social Studies	3	US History/US Political Sci., World History & Geography, CWP & Civics
Career & Technical Education	1.5	Micro-Applications, Financial Literacy, senior year CTE
Health & Fitness	2	0.5 credit of Health
Arts	2 (1 can be PPR)	
World Language	2 (both can be PPR)	
Senior Math or Science	1	
General Electives	4.5	

Personalized Pathway Requirement (PPR) credits are elective courses that lead to a specific post-high school career or educational outcome. PPRs are documented in the student's High School & Beyond Plan and are intended to provide a focus for the student's learning.

State Graduation Pathways**

In addition to earning high school credits, students also must successfully complete a state-approved graduation pathway (listed below):

1. Passing scores on the Smarter Balance Assessments in math & English or earning a Certificate of Individual Achievement (for students with IEP who do not meet the expected performance standards)
2. Earning minimum cutoff scores on the SAT/ACT college admission exams
3. Scoring a qualifying score on AP/CI/IB tests (AP/IB/CI currently not offered at WCHS)
4. Passing a dual credit course for ELA or math with a C+ or higher
5. Passing a Bridge to College transition course in math or English
6. Combination of graduation pathways for math and English
7. Receiving an eligible AFQT on the Armed Services Vocational Aptitude Battery (ASVAB) Exam
8. Successfully completing an approved sequence of Career & Technical Education (CTE) Courses

* Credit requirements for students who transfer in to WCHS senior year will be determined on a case by case basis.

**More information on State Graduation Pathways can be found on the OSPI website. As of October 2019, pathways 7 & 8 are still under construction by the state. Waivers using college acceptance notification will be available to the class of 2020

Class Checklist:

Students are encouraged to use this page to keep track of their graduation requirements. Students must pass classes with a D or above each semester to earn credit. Each semester is worth 0.5 high school credits. The checklists below reflect the typical order of classes taken at WCHS. Students may have a different sequence of classes.

Grade 9

Class	Grade 11	
	Semester 1 Grade	Semester 2 Grade
9 English		
Algebra 1		
Health & Fitness		
US History		
Microsoft Office Applications		
9 Physical Science		
Art* or Elective:		

Class	Semester 1 Grade	Semester 2 Grade
11 English/Eng. 101/102		
Algebra 2 or 3 rd year math substitute (must be approved)		
US History/Political Science		
Chemistry w/lab or Sub**		
Spanish or Sub*		
Elective:		
Elective:		

Class	Semester 1 Grade	Semester 2 Grade
10 English		
Geometry		
Health & Fitness		
World History & Geography		
Biology w/ lab		
Art* or Elective:		
Spanish or Sub:		

Grade 10

Grade 12

Class	Semester 1 Grade	Semester 2 Grade
12 English/Eng. 101& 102 or 105		
Pre-Cal or Engineering or Sr. Math/Sci.		
Current World Problems/Civics		
Spanish or Sub*		
CTE or PPR Capstone		
Elective:		

*Art: 2 credits required to graduate, 1 can be substituted with a personalized pathway class.

**Chemistry: Alternative rigorous science credit that aligns with student's post-high school plans.

***Spanish: Required for 4-year bound students, can sub an equally rigorous world language course if available. Can be substituted with a personalized pathway class.

****CTE Capstone: All seniors will complete a capstone project in a CTE or PPR course

Additional Educational Opportunities

College Credit Opportunities for Juniors & Seniors

College in the High School (offered through CWU)

The College in the High School (CIHS) program is a partnership between WCHS and Central Washington University that allows us to offer college courses on-site. Students who take CIHS classes earn dual credit: 1 high school credit for every 5 credits earned at the college level. All CIHS classes are taught by WCHS teachers who have been approved as adjunct faculty through the Running Start Program at CWU. These classes are taught at college level rigor; students may be held to different grading and attendance requirements. WCHS currently offers 6 CIHS classes to juniors and seniors:

College in the High School Classes 2018-2019		
Class	Credits	Prerequisites
English 101: Composition 1, Critical Reading & Responding	5 (semester long)	English 9 & 10, 236+ on Next Gen Accuplacer Reading and 5+ on the Accuplacer Writeplacer.
English 102: Composition 2, Reasoning & Research	5 (semester long)	Pass English 101 with a grade of C- or higher
English 105: The Literary Imagination, an Intro to Literature	5 (year long)	Pass English 101 with a grade of C- or higher
Math 153: Pre-Calculus 1	5 (semester long)	Score of 85+ on Accuplacer Elementary Algebra exam or 35+ on Accuplacer College Math Exam (Accuplacer administered on-site at WCHS)
Math 154: Pre-Calculus 2	5 (semester long)	Pass Math 153 with a grade of C or higher
Political Science 210: American Politics	5 (year long)	Must be enrolled in or have completed English 101

For information on cost of CIHS credits and placement tests to qualify for these classes, please contact Alicia Rosman at (509) 647-5602 or arosman@wcsd.wednet.edu

Running Start

Running Start is a program that allows high school juniors and seniors to enroll at a local college (EWU, SCC, SFCC, BBCC, or CWU) while earning high school and college credits simultaneously. Interested students should contact Alicia Rosman as well as a counselor in the Running Start office of the college they are interested in attending. Running Start students are required to be enrolled in at least 1 WCHS credit.

Online Courses (available to all high school students)

Selected online courses may be used to fulfill WCHS graduation requirements. Students should consult with Alicia Rosman, the guidance counselor, prior to enrolling in any course outside the Wilbur and Creston Districts to ensure credit approval.

Certain online classes are also offered during the school day through the BYU Independent Study and Odysseyware programs. Students interested in taking classes not offered as part of the regular course schedule at WCHS should consult Alicia Rosman. Students taking optional online classes are responsible for all costs associated with the classes.

Four-Year College Freshman Entrance Requirements

Students who plan to attend a four-year college in the state of Washington must fulfill certain academic requirements, also known as College Academic Distribution Requirements, or CADRS. Out of state and private schools may also have different requirements. Students should consult college websites and catalogs for further information.

CADR Requirements

In order to meet entrance requirements for 4-year colleges and universities in the state of Washington, students must take at least:

- 4 years of English** (Courses that are generally not accepted include those identified as remedial or applied; e.g. remedial English, yearbook, newspaper staff, drama and debate.)
- 3 years of college prep math** (Algebra, Geometry, Algebra II/Trigonometry)
- 3 years of science** (2 credits must be lab-based science courses, one credit must be in an algebra-based science course—typically chemistry or physics)
- Senior year math-based quantitative course** (upper level math course, a quantitative course, or an algebra-based science course—Pre-Calculus or Engineering at WCHS)
- 3 years of history/social sciences**
- 2 consecutive years of the same world language** (a proficiency exam may be given at some universities)
- 1 year in the fine, visual or performing arts**

NCAA Division I & II Freshmen Eligibility Standards

All NCAA college student athletes must register with the NCAA Initial Eligibility Clearinghouse. Potential NCAA scholarship athletes must meet certain criteria in order to be eligible. Students must graduate from high school and earn a GPA of at least a 2.3 in 16 core units:

- English (4 years)
- Math (Alg. 1 & higher, 3 years)
- Natural/Physical Science (at least one lab, 2 years)
- Additional year English, Math, or Science
- Social Science (2 years)
- 4 additional years of English, math, science, social science, foreign language, comparative religion or philosophy

In addition, you must have completed 10 core courses, including 7 in English, math, or science before your 7th semester of high school. Once you begin your 7th semester, you may not repeat or replace any of those 10 courses to improve your core-course GPA.

Optional In-School Testing

ASVAB

The ASVAB (Armed Services Vocational Aptitude Battery) is a timed multi-aptitude test administered to juniors in the fall by a member of the armed forces. The test is free. All juniors take the test unless they are opted out by a parent or administrator.

A student's score on the four core areas (AFQT--Arithmetic Reasoning, Word Knowledge, Paragraph Comprehension, and Mathematics Knowledge) determines whether or not that student is qualified to enlist in the U.S. military. Scores on other areas of the test help the military determine how qualified you are for certain military occupations. In addition to being a prerequisite for enlisting in the military, we use the ASVAB test at WCHS as part of a student's career interest planning and post-high school plan.

PSAT

The PSAT/NMSQT is the Preliminary SAT/National Merit Scholarship Qualifying Test. The PSAT is a primer for the SAT that is administered to sophomores in October each year. The 2019-20 cost was \$17 per student.

The purpose of the PSAT is to prepare students for the SAT and to qualify students for National Merit scholarships. The PSAT consists of two sections: Math and Evidence-Based Reading & Writing. Scores on the PSAT reflect what the student would achieve on the SAT if taken at the same time. Scores returned to students indicate areas on the test students should improve skills before taking the SAT.

SAT

The SAT is a standardized test used for college admissions and is typically taken by juniors and seniors. WCHS offers the SAT during the school day in the fall and spring. In 2019-20, the SAT cost \$49.50 for the regular test, and \$64.50 for the test with the essay. Students who take the SAT during the school day at WCHS do not need to register online; they will sign up with Alicia Rosman about a month before the test. SAT scores must be sent directly from College Board to students' prospective colleges.

WCHS Course Offerings

The following pages consist of course descriptions of all current course offerings at Wilbur-Creston High School. These courses provide students with a well-rounded and balanced education that fulfills state and district graduation requirements as well as provides preparation for a range of student interests and future career goals. In the case of low student enrollment, some courses may not be offered during a given semester.

Washington State Learning Goals and Washington State Graduation Requirements are listed at the beginning of this Curriculum Guide. As a staff, we are committed to helping students to meet these targets.

Each course listed in this guide has attached to it several designations: Prerequisites to take the class, grade levels eligible to take the class, length of the class (semester/year), state course code for the class, and whether the class counts as a CADR.

Classes that are not offered in the current schedule are grayed out.

Art & Music

All courses listed in this section count towards students' art credit requirements for graduation and CADRs. All art classes can be retaken for credit.

Art

9-12 (Semester)

Students explore a variety of drawing and painting media and techniques, while applying art elements and principles of design. A broad range of subject matter and artistic styles are covered.

Ceramics

9-12 (Semester)

This class is designed to develop the basic hand-building skills (pinch, coil, slab & drape mold) through a variety of introductory projects. As these skills evolve, the emphasis will shift to the development of design skills & problem solving (how do you create ideas). Each project will be completed with glazing or acrylic painted finishes.

Theatre Arts

9-12 (Semester) Available based on student interest/staff availability

Participation based class. Students explore the world of theatre through acting, stage management, readers' theatre, scripts, sound engineering, speeches, and short plays. They will work on material that has to be memorized and expected to perform in front of their classmates. They will study the history of theatre and its impact society today.

Chorus/Choir

9-12 (Semester)

Participation based class. This is a mixed choir where students develop musicianship skills including sight reading, independent part-singing, and vocal production. The development of poise and showmanship is also emphasized. Performances will include intermediate to advanced level of choral literature.

Concert and Marching Band

9-12 (Semester)

Participation based class. This is an intermediate band comprised of students needing more individual attention to techniques. Emphasis is placed on the performance of intermediate level high school band literature along with personal growth on students' instruments. Attendance is required at all concerts, festivals, and community performances. Participating in marching band is highly encouraged, but not required. All students are expected to play pep band at football and basketball games.

Yearbook Production & Digital Arts

Students work cooperatively to design and produce the yearbook, a historical record of the school year. They plan and select a theme for the year; take pictures at school events; write captions, headlines and copy; design pages; apply editing principles; and promote the sale of ads and the book. The class provides an environment for the development of lifelong skills, teamwork and responsibility.

Career & Technical Education (CTE)

Business Management: Paws n' Claws Espresso Stand

Prerequisite: Must be a member of FBLA

Can be retaken for credit

The purpose of this class is to help prepare students for the global/retail market by being involved in the operation of the school espresso stand. Students will work at Paws n' Claws Espresso and take leadership management positions, work with business product vendors and manage individual projects including advertising/promotion, selling, merchandising, human relations, entrepreneurship and accounting.

Business Math

10-12 (Semester)

Can replace Algebra 2 for third-year math requirement if approved

This class reinforces general math skills in arithmetic, measurement, statistics, ratio & proportion, formulas, and simple equations. These skills are emphasized in the context of business applications, including wages, sales, financial reports, discounts, and interest. Concepts covered also include gross pay, net pay, banking services, loans and credit, spending wisely, owning a car or home, and insurance and investments.

Financial Literacy/Money 101

12 (Semester)

The Financial Literacy course features lessons, tools, and resources all designed to engage students in learning about the financial world. Students will learn how to create and balance a bank account, rates of interest, investing future values, and how to create financial relief by comprehending the foundational components to be successful and confident in their future financial decision making. Other concepts covered include saving, budgeting, debt, life after high school, consumer awareness, bargain shopping, investing and retirement, insurance, money and relationships, and careers and taxes.

Microsoft Applications/Office Programs

9 & 12

This course is designed to provide students with hands-on experience with personal computers. The student gains knowledge of computer technology through use of Microsoft Office. Students learn Word, Excel, PowerPoint, and Access and develop the knowledge and skills necessary to apply learning in personal and/or business applications. These programs are beneficial in students' daily lives and in a variety of careers.

Web Design & Computer Science

11-12 (Year)

This course prepares individuals to apply HTML, XML, JavaScript, graphic applications, and other authoring tools to the design, editing, and publishing, (launching) of documents, images, graphics, sound, and multimedia products on the World Wide Web. This class counts towards students' CTE credits or as their junior or senior year quantitative science option.

Agriculture Mechanics: Metal

9-12 (Semester)

Can be retaken for credit

A course that prepares individuals to maintain and repair specialized farm, ranch, and/or agribusiness power equipment and vehicles. Includes instruction in mechanical systems and metal fabrication and welding.

Agriculture Mechanics: Wood**9-12 (Semester)****Can be retaken for credit**

A course that prepares individuals to apply technical knowledge and skills to lay out and shape stock; assemble wooden articles or subassemblies; mark, bind, saw, carve, and sand wooden products; repair wooden articles, and use a variety of hand and power tools.

Agriculture**9-12 (Semester)**

A course that focuses on the general principles and practice of agricultural research and production that may prepare individuals to apply this knowledge to the solution of practical agricultural problems. Includes instruction in basic animal, plant, and soil science; animal husbandry and plant cultivation; soil conservation; and agricultural operations such as farming, ranching, and agricultural business.

Ag FFA/Manufacturing/Production**11-12 (Semester)****Can be retaken for credit**

A general program that focuses on modern business and economic principles involved in the organization, operation, and management of agricultural enterprises.

Animal Science**11-12 (semester or year)****Can be counted as third year science credit**

A general course that focuses on the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production, processing, and distribution of agricultural animal products. Includes instruction in the animal sciences, animal husbandry and production, and agricultural and food products processing.

Plant Science**11-12 (semester or year)****Can be counted as third year science credit**

A general course that focuses on the scientific principles that underlie the breeding, cultivation, and production of agricultural plants, and the production, processing, and distribution of agricultural plant products. Includes instruction in the plant sciences, crop cultivation and production, and agricultural and food products processing.

Senior Culminating Project**Through class of 2020 (Semester)**

All seniors completed a culminating project consisting of 20+ hours of community service; a research essay, business plan, or portfolio of works; and a 20-minute presentation to a panel of community members. This class guides students in their project by teaching the skills and components of a business plan as well as through the development of a professional portfolio consisting of career research and documents such as a resume, cover letter, business letter, and post high school plan.

Electives

The following elective classes complement our curriculum by providing knowledge and experiences in a wide variety of subject areas. The availability of all elective classes in the schedule is based on student interest and/or staff availability. Classes “greyed-out” are not offered during the current school year.

College Seminar

12 (semester or year)

This class is designed for seniors intending to go to 2- or 4-year college after high school. Topics and projects include college study skills and resources, financial aid literacy, scholarships, college admissions, and career research. Students also are provided time and guidance on completing professional scholarship applications, writing personal statements, and filling out college applications.

History Independent Project

9-12 (Semester) Offered based on student interest/staff availability

Constructed to be like a college-level history class, History Individual Projects is designed to improve academic skills such as critical thinking, research, historical reasoning, analysis, and public speaking. This will be done through the creation of a project for National History Day (NHD). Participation in the NHD competition is mandatory.

Independent Study

9-12 (Semester) Offered based on staff and scheduling availability

This course allows students to explore and conduct investigations in an area of interest. Depending on the subject and instructor, students may choose from activities on a choice board or may write a proposal and engage in self-guided study. This course is designed to be flexible and to offer students opportunities outside of the normal curriculum during the 2020-2021 school year. Students who take Independent Study classes during the 2020-2021 school year will complete their work for the course online and/or off campus.

Intro to Law

9-12 (Semester). Offered based on student interest/staff availability

The class include basic legal terms, relevant laws and court cases in each category, guest speakers, and discussion about employment opportunities and education or training needed for particular careers.

Leadership

10-12 (Semester) Offered based on student interest/staff availability

This course is designed for high school students who are interested in engaging in extracurricular activities, community events, fundraisers, and school spirit-building events within the school. Students develop skills in positive and effective leadership, including effective interpersonal communication, accepting and dealing with responsibility, leading groups, practicing public presentation, and the “how-to’s” of planning and organizing different types of events. Every student in this class will be involved in the planning and carrying out of a school or community sponsored activity, including ASB activities and the daily bulletin. During distance learning, students will work on their skills as leaders and build upon skills that may be lacking. Students will be working on creating school comradery through distance learning and on real world problem solving skills and social media do's and don'ts.

Psychology

9-12 (Semester) Offered based on student interest/staff availability

Psychology is the scientific study of mental process and behavior. This course serves as an introduction and overview of the field of psychology. Topics covered include the structure of the brain, human growth and development, perception, consciousness, learning, personality theory, and psychological disorders.

Topics in Psychology: Personality/Criminal/Mental Health

11-12 (Semester)

This class allows students to study a specific subtopic within psychology. Students will discuss and read about society's perceptions of normal and exceptional personalities, their assessment and development, and the processes that define them. Students gain an in-depth understanding of personality psychology for greater insight into themselves and other people in their lives and as a foundation for further study in psychology or related professions. Psychology is not a prerequisite for this class. Mental Health psychology counts for 0.5 health credit.

Study Lab

9-12 (Semester)

This class provides students with the opportunity and time to complete classroom assignments or school projects in a structured, supervised environment. Students work independently or in class groups. Students may be required to submit reports of missing assignments or grades, or they may be required to keep a planner.

Teacher/Office/Counselor/Library Aide

10-12 (Semester)

Prerequisite: minimum of 3.0 GPA

Student Aides work in campus offices and classrooms, developing skills related to clerical office work. Duties may include typing, filing, record-keeping, receiving visitors, answering phones, copying and scanning, among others. Students must have met other appropriate graduation requirements to be an aide.

ASB Treasurer/Office Aide

10-12

This is a position/class designated specifically for the student who is elected as ASB Treasurer. During this class period, the Treasurer helps manage ASB accounts, works on accounts payable, and completes miscellaneous office work.

English

The study of English allows individuals to acquire the reading, writing and speaking skills necessary for survival and success in today's world. Courses are designed to improve basic skills as well as to emphasize and strengthen skills in critical thinking, rhetorical analysis, classroom discussion and an appreciation of different viewpoints.

English 9

CADR & NCAA Core

Students in this class expand their writing skills and become more competent in the areas of ideas and content, organization, voice, word choice, sentence fluency and conventions. The course covers short stories, poetry, nonfiction, and drama. Students practice short writing assignments, note-taking, and improving their knowledge of grammar concepts.

English 10

CADR & NCAA Core

This course focuses instruction on reading strategies, vocabulary, literature and language arts to help students master the necessary skills to read, analyze, and evaluate various forms of fiction, nonfiction, and poetry from around the world. Students refine their writing abilities and learn to adapt their skills for use with different audiences, forms and purposes. Course goals include preparation for the Smarter Balanced Assessment (SBA), college, careers, & life.

English 10 Remedial/Test Prep

This course is targeted for students who are consecutively taking English 10 who need additional time and emphasis on reading and writing skills necessary to succeed in high school English classes and in preparation for the ELA SBA test.

English 11

11 (Year)

CADR & NCAA Core

English 11 focuses on enhancing critical reading and writing skills and on reviewing key grammar concepts. Students read and engage with a variety of American texts, including fiction, poetry, and nonfiction. This course includes units on literary analysis, rhetoric, argumentation, and synthesis of ideas.

English 101: Comp. 1, Critical Reading & Responding

11-12 (Semester)

5 college credits

CADR & NCAA Core

Prerequisites: Qualifying Accuplacer score

This is a dual credit college class offered in partnership with Central Washington University. In this class, students develop skills necessary for college level academic writing, including summarizing, critically reading and responding to college level texts, synthesizing multiple perspectives, and using academic writing conventions. In addition to the college course requirements, students will read and analyze a range of American literature, including fiction and nonfiction.

English 102: Comp. 2, Research, Rhetoric, & Social Justice

11-12 (Semester)

5 college credits

CADR & NCAA Core

Prerequisites: C- or above in English 101

This is the second part of the College in the High School course series offered to juniors. In English 102, students continue to build on the outcomes of English 101 by developing skills in research-based academic argument through evaluation, rhetorical analysis, and synthesis of multiple upper level sources. Students analyze and create different types of texts, including visual rhetoric.

English 12

12 (Year)

CADR & NCAA Core

This senior English class focuses on developing critical thinking and reading skills and the analysis of language and rhetorical strategies. Students read and engage analytically with a range of texts, including *Animal Farm*, *Hamlet*, *Oedipus*, *Antigone* as well as short stories, essays, and poems. In addition, students do a sustained research synthesis project as well as a range of technical and creative writing.

English 105: The Literary Imagination, An Introduction to Literature

12 (Year)

5 College Credits

CADR & NCAA Core

Prerequisites: C- or above in English 101

This dual credit College in the High School class is offered to seniors who have taken English 101. In this class, students study the deliberate use of language and literary devices in a variety of texts. Students analyze how the

human experience is imagined, interpreted, and made significant in poetry, prose, fiction, and drama. Students write analytical essays on major works and learn to develop mature, clear, well-organized prose. Students read classic works of literature such as *Frankenstein*, *Macbeth*, *Animal Farm*, and various excerpts and poetry.

Mathematics

Algebra I

9 (Year)

CADR & NCAA Core

Students develop math skills dealing with real numbers, equations and inequalities, relations and functions, powers and roots, polynomials, linear functions, problems in two variables and rational expressions.

Algebra I Remedial/Math Test Prep

10 (Year)

This course is targeted for students who are consecutively taking geometry who need additional time and emphasis on algebra skills necessary to succeed in high school math classes and in preparation for the SBA test.

Geometry

10 (Year)

CADR & NCAA Core

Students further develop Algebra skills and are introduced to fundamental Geometry principles. Students develop skills in reasoning through the extensive study of both plane and three dimensional geometric figures. Problem solving using inductive reasoning is emphasized.

Algebra II

11 (Year)

CADR & NCAA Core

Students further develop basic algebraic skills learned in Algebra I and Geometry. Topics of study (in-depth) include: functions, quadratics and systems of linear equations. Problem solving using various sources is emphasized.

Bridge to College Math

12 (Year)

CADR

This course is designed for seniors who need to expand their mathematical proficiency before college. Topics of study include: polynomials, functions, graphing, exponential and logarithmic equations, trigonometry, probability and statistics.

Pre-Calculus

12

Students develop skills in sequences and series, polynomial functions, rational functions, complex numbers, exponential and logarithmic functions and trigonometry. Students need proficient algebra skills to be successful in this course.

MATH 153: Pre-calculus Mathematics I

5 College Credits

12 (Semester or Year)

Prerequisite: Must score 85+ on the Accuplacer Elementary Algebra Exam, or 35+ on the Accuplacer College Math Exam, or 240-263 on Accuplacer Next-Generation Advanced Algebra and Functions, or 270+ on Accuplacer Next-Generation Quantitative Reasoning, Algebra and Statistics, or 51% on the ALEKS. This is a dual-credit foundation course which stresses those algebraic and elementary function concepts together with the manipulative skills essential to the study of calculus.

MATH 154: Pre-calculus Mathematics II

5 College Credits

12 (Semester)

Prerequisite: Student must have already passed MATH 153 with a grade of a C or higher, or 65+ on the Accuplacer College Math Exam, or 264-279 Accuplacer Next-Generation Advanced Algebra and Functions, or 61% on the ALEKS. This is a dual credit course that is a continuation of MATH 153 with emphasis on trigonometric functions, vectors, systems of equations, the complex numbers, and an introduction to analytic geometry.

Physical & Health Education

Health & Fitness

9-10

Physical education units involve a combination of activities. Students are evaluated on participation, fitness, skill, sportsmanship, cooperation and knowledge of basic rules. Activities may include, but are not limited to, softball, frisbee, soccer, floor hockey, badminton, basketball, team handball, pickleball and volleyball. Health units include nutrition, social emotional health, drug/alcohol abuse prevention, first aid, sex education, and disease prevention.

Lifetime Fitness

10-12 (Semester)

This course emphasizes conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness. In addition, this course helps students acquire knowledge and skills regarding lifetime physical fitness; content includes related topics such as nutrition, stress management, and consumer issues. Students may develop and implement a personal fitness plan.

Strength & Conditioning

(Semester)

This course helps students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; it also emphasizes conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness.

Psychology & Mental Health

(Semester)

This course combines psychology and general health education, covering personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. Students gain a deeper understanding of social-emotional health as well as topics such as addiction and abuse.

Science

The Wilbur-Creston High School science curriculum provides learning experiences that emphasize the knowledge and understanding of the concepts and processes of science. Students gain skills associated with laboratory investigations and are able to interpret and communicate scientific information. Students also explore the role and application of science within society.

Anatomy & Physiology

10-12 (Semester) (offered based on staff availability)

CADR & NCAA Core

Prerequisites: Consecutively taking or have passed Biology

Anatomy and physiology is the study of the human body structure as a whole but also includes specific parts. Our study includes functional systems and the relations between all the systems as a whole. This includes (but not limited to) muscular, skeletal, nervous, and digestive. Students dissect animals, learn CPR, and other health aspects with the human body.

Coding & Robotics

9-12 (Semester) (offered based on staff availability)

CADR & NCAA Core

This class is an introduction to coding using the Arduino robots, and programming in C. Students run the robots through assorted types of mazes, and also have them use a variety of sensors to navigate through different obstacles. Students incorporate Java Script in other programs, and finish the semester by constructing their own video game which they share on the web.

Physical Science

9 (Year)

CADR & NCAA Core, Lab Science

The purpose of this course is to give students introductory knowledge of physics. The areas covered in this laboratory course include motion, force, work, power, light, sound, electromagnetic energy and other transformations of energy. Laboratory investigations emphasize the scientific method, forming and testing a hypothesis, creating and conducting experiments, analyzing quantitative data, and communicating scientific results.

Biology

10 (Year)

CADR & NCAA Core, Lab Science

This class explores organisms and their interactions, and emphasizes concepts such as cell structure, cell metabolism, cell cycle, genetics, evolution, and ecology. Structural, physiological and behavioral adaptations of organisms in ecosystems are studied. Investigations and laboratory work allow students to form and test hypothesis and use science skills for problem solving.

Chemistry

11-12 (Year)

CADR: Algebra-based science course & NCAA Core, Lab Science

Chemistry is designed primarily for the college-bound student. Areas covered in this laboratory course include: concepts in matter and energy, chemical reactions, atomic structure, periodicity, chemical bonding, chemical reactions, and electrochemistry. Lab investigations encompass observational aspects and problem solving. Students completing chemistry have an understanding of laboratory skills and chemical hygiene.

Engineering Technology

12 (Year)

CADR: Senior quantitative-based science course & NCAA Core, Lab Science

This course provides an overview of engineering and architecture. Students in this laboratory course design, using a computer program, and create 3-dimensional objects on a printer. Students plan and build scale model homes including the creation of floor plans. Students study and understand design of truss style bridges, design, build, and test their structures.

Honors Science Research**10-12 (Year)****CADR & NCAA Core, Lab Science****Prerequisites: Approval from instructor**

In the Honors Science Research course, students conceive of, design, and complete a project using scientific inquiry and experimentation methodologies. Emphasis is placed on safety, research protocols, designing an experiment, controlling or manipulating variables, data analysis, and creating two displays (poster board and PowerPoint presentation) of the project and its outcomes. Students will then convey the information to the scientific community at symposiums and science fairs.

Social Studies

Early US History/US History 1**9 (taught in 8th grade beginning 2019)****CADR & NCAA Core**

This course examines the history of the United States from the colonial period to the Civil War or Reconstruction era. This course includes a historical overview of political, military, scientific, and social developments.

Modern US History/US History 2**9 (beginning with class of 2024)/11****CADR & NCAA Core**

This course examines the history of the United States from the Reconstruction era through the present time. This course includes a historical review of political, military, scientific, and social developments.

US Political Science 210**11-12****(year) 5 college credits****CADR & NCAA Core****Prerequisites: Passed or consecutively enrolled in ENG 101**

This is a dual credit college class offered in partnership with Central Washington University. This course covers the origin and development of the United States government, its structure, political behavior, organizations, and processes, as well as the rights and duties of citizens. This course also provides an overview of political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process.

World History**10****CADR & NCAA Core**

This course provides students with an overview of the history of geography and human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments.

Current World Problems**12 (semester or year)****CADR**

This course enables students to study political, economic, and social issues facing the world. It focuses on current issues, examines selected issues throughout the 20th century, and looks at historical causes or possible solutions.

Civics

12 (semester)

CADR

This semester-long course examines the general structure and functions of U.S. systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system.

Special Education

Academic Support

9-12 (Semester)

This class focuses on developing organizational skills, study skills, and independent work skills of students with disabilities. During this period, students learn how to monitor their school progress, as well as obtain the extra help they need to do well in their general education classes.

Intermediate English 9-12

This class addresses reading and written language skills through individual and small group instruction. Students learn to write more effectively in a variety of genres through the writing process of pre-write, draft, revise, edit and publish. Reading skills are developed and practiced through a variety of literature, both fiction and non-fiction. Students analyze characters, plots, themes and story conflict in their reading. Students learn to identify their individual learning styles and use multiple learning strategies such as time management, note taking, self-advocacy, test taking and other helpful study strategies.

Intermediate Math 9-12

This class provides an individualized math program designed to maintain and remediate student abilities to solve computation and/or word problems. In addition, every effort will be made to teach students skills needed for success and independence. (This class will address math calculation and/or math problem solving skills through individual, small and/or large group instruction. Math skills will be developed and practiced utilizing a variety of strategies. In addition, students will have the opportunity to learn skills needed for success and independence.)

World Languages

Spanish I

Designed to introduce students to Spanish language and culture, Spanish I prepares students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. It introduces the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

Spanish II

Prerequisite: Spanish 1 or instructor approval

Spanish II builds upon skills developed in Spanish I, preparing students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Spanish II introduces the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

Spanish III

Prerequisite: Spanish 1 & 2 or instructor approval

Spanish III prepares students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. This course expands students' knowledge of relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.

French I

French I introduces students to the French language and cultures that speak French. This course prepares students to communicate in French by interpreting (reading, listening, viewing), exchanging (speaking & listening; reading & writing), and presenting (speaking, writing) information on a variety of topics. Students become proficient in basic communication and practical conversation skills, including vocabulary and grammar necessary for travel and daily life. Students examine the relationships among the language, practices, perspectives and values of French-speaking cultures.