

Woodinville High School



Northshore School District

"One Falcon, One Family"



2022-2023
Course Catalog
Grades 9-12



Northshore School District

Northshore School District prohibits discrimination on the basis of age, sex, marital status, sexual orientation including gender expression or identity, race, creed, religion, color, national origin, honorably discharged veteran or military status, or the presence of any sensory, mental, or physical disability or the use of a trained dog guide or service animal by a person with a disability. The following employee(s) have been designated to handle questions and complaints of alleged unlawful discrimination: Director of Human Resources (Title IX, ADA and Civil Rights Compliance), Director of Student Services (Section 504), 3330 Monte Villa Parkway, Bothell, WA 98021, 425-408-6000.

Woodinville High School
2022-2023 Course Catalog

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Woodinville High School *Home of the Falcons*



At Woodinville High School, we work together to preserve the integrity of the Northshore School District diploma. A rigorous curriculum and requirements that challenge our students is provided in an atmosphere where they learn to solve problems, rise to new heights, and participate in all of our "5 A's": Academics, Activities, Advanced Placement, Athletics, and the Arts.

As students make course selections for the coming school year, they are encouraged to think deeply, process their choices carefully, and weigh all the options before making final selections. The master schedule of courses developed for the 2022-23 school year, along with corresponding staffing decisions, will be based on the course requests students make at this time.

We look forward to partnering with our students, parents, and guardians and wish our Falcons much success during the 2022-23 school year!



INTRODUCTION

This booklet will familiarize students and parents/guardians with school procedures, curriculum, graduation requirements, and post-secondary planning. Students are responsible for understanding graduation requirements and admission requirements for post-high school education.

Northshore School District high schools provide a learning environment in which all students can pursue knowledge, develop positive attitudes, and acquire skills necessary for lifelong learning and responsible citizenship in an interdependent world.

EXPECTED STUDENT OUTCOMES

- Preparation of all students to become lifelong learners through the development of creative and critical thinking, problem-solving, and communication skills.
- Development of a mastery of core competencies to prepare for the workplace and/or continued education.
- Preparation of all students to become ethical, responsible, and contributing world citizens.
- Assistance for students in developing the attitudes, behaviors, and skills necessary to fulfill their potential.

COUNSELING CENTER

The primary focus of the Counseling Department is to help students with academic, personal, and vocational planning and to foster personal exploration and self-awareness. Students are encouraged to set realistic yet challenging goals, to make responsible decisions, to understand the consequences of their choices, and to learn to self-advocate. All students are assigned to a counselor by the first letter of their last name. Students remain with their respective counselor throughout high school.

SCHEDULING

Students may access classes and programs only at their high school of record/home high school unless they are in classes or programs specifically noted as *“Satellite program – open to all NSD students,”* or WANIC offerings.

Please note that course availability is dependent upon adequate registrations and available staffing.

If you cannot find answers you need or if you would like to have individual help in planning your course of study, please contact your counselor at your school:

Amy Strandy A-C astrandy@nsd.org	Kat Lamb D-H klamb@nsd.org	Scott Churchill I-Me schurchill@nsd.org
Nate Hirsch Mi-Sc nhirsch@nsd.org	Sarah Brenner Se-Z sbrenner@nsd.org	My Kiakotos College & Career mkiakotos@nsd.org

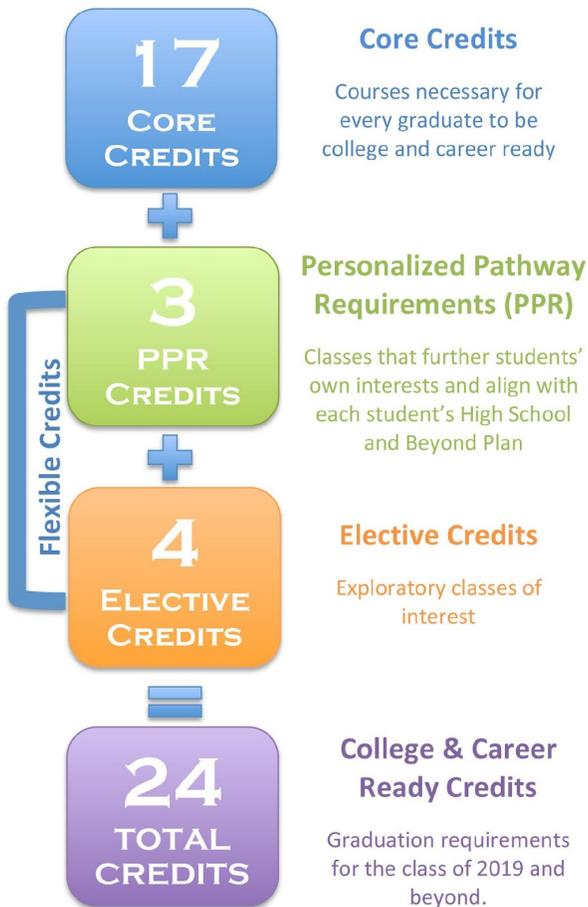
CREDITS

- Credit is obtained by attaining a passing grade in a regularly scheduled course.
- Students earn .50 credit for each semester course.
- All students are responsible for reviewing and monitoring progress toward graduation.
- Transcripts and diploma summaries are distributed annually. Instructions on how to read and interpret these documents are given.
- **Seniors should conference with counselors immediately if they are not enrolled in courses that will meet graduation requirements.**
- Counselors are available to offer guidance in addressing credit deficiencies. Students who have failed course requirements for graduation need to schedule an appointment with their counselor to develop a plan to meet those requirements. Counselors can provide distance-learning options.
- All outside and online courses must be pre-approved to be placed on the transcript. Only courses from approved providers will be accepted as viable transfer credits.

DIPLOMA REQUIREMENTS FOR GRADUATION

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CREDITS

COLLEGE AND CAREER READY GRADUATION
REQUIREMENTS FOR THE CLASS OF 2019 AND BEYOND



Core Credits plus Personalized Pathway Requirements (PPR)					
4	English	3	Math	3	Science
3	Social Studies	2	Health & Fitness	1	Career & Technical Education
2	Arts	-or-	1	Arts	+ 1 PPR Course
2	World Language	-or-	2	PPR Courses	
4 Elective credit courses chosen by the student					

DIPLOMA REQUIREMENTS FOR GRADUATION

The following subject areas and credits are required for graduation.
Students will complete **17 Core** credits plus **3 Personalized Pathway*** plus **4 Flexible** credits.

Subject	Credits
English	4.0 credits
Mathematics	3.0 credits
Science	3.0 credits
Social Studies	3.0 credits
Health	0.5 credit
Life Fitness	0.5 credit
Physical Education	1.0 credit
Career & Technical Education (CTE)	1.0 credit
The Arts	1.0 credit
Flexible Credits	7.0 credits (3.00 PPR* + 4.00 Elective Credits)
TOTAL	24.0 credits

* **PPR = Personalized Pathway Requirements: Courses that lead to a specific post-high school career outcome chosen by the student, based on the student's interest and High School and Beyond Plan.**

- **English:** 4.0 credits of English/Language Arts
- **Mathematics:** 3.0 credits: 1.0 Algebra I, 1.0 Geometry, and a 3rd credit of math chosen by the student based on the student's interest and High School and Beyond Plan.
- **Science:** 3.0 credits: 2.0 credits of lab science and a 3rd credit of science chosen by the student based on the student's interest and High School and Beyond Plan.
- **Social Studies:** 3.0 credits: 1.0 World History/AP Euro/AP World History, 1.0 US History/AP US History, and 1.0 Senior History Equivalents (0.5 credit in Contemporary World Issues and 0.5 of Civics/AP Gov Pol/CHS Global Studies)
- **Health and Fitness:** 2.0 credits (1.0 credit in Physical Education, .50 credit in Life/Fitness, .50 credit in Health)
- **Career and Technical Education (CTE):** 1.0 credit that meets CTE exploratory requirements or higher.
- **The Arts:** 1.0 credit to be met in visual and/or performing arts courses.
- **Flexible Credits:** 7.0 credits (3.0 PPR + 4.0 Elective Credits)
 - **World Language:** 2.0 credits required for College Admissions
- Successfully complete two courses in any combination of College in the High School, CTE Dual Credit (formerly known as Tech Prep), AP, and/or Running Start, unless an alternative course of study is identified through the student's High School and Beyond Plan.
- One semester in Washington State History and Constitution must be met in 7th grade as a non-credit bearing high school course.
- Complete the High School and Beyond Plan through Naviance.
- Meet all state high school assessment requirements, met through the SBAC or the Grad Pathway Options.

To preserve the integrity of the Northshore comprehensive high school diploma, 85% of the required credits for graduation shall be earned through the student's comprehensive high school course offerings. No more than 50% of the graduation requirements in any discipline may be obtained from approved accredited sources outside the Northshore School District. Students who earn more than 15% of the total required credits or more than 50% of the required credits in any discipline from outside sources, and who complete all district requirements for graduation, shall receive a generic Northshore School District diploma.

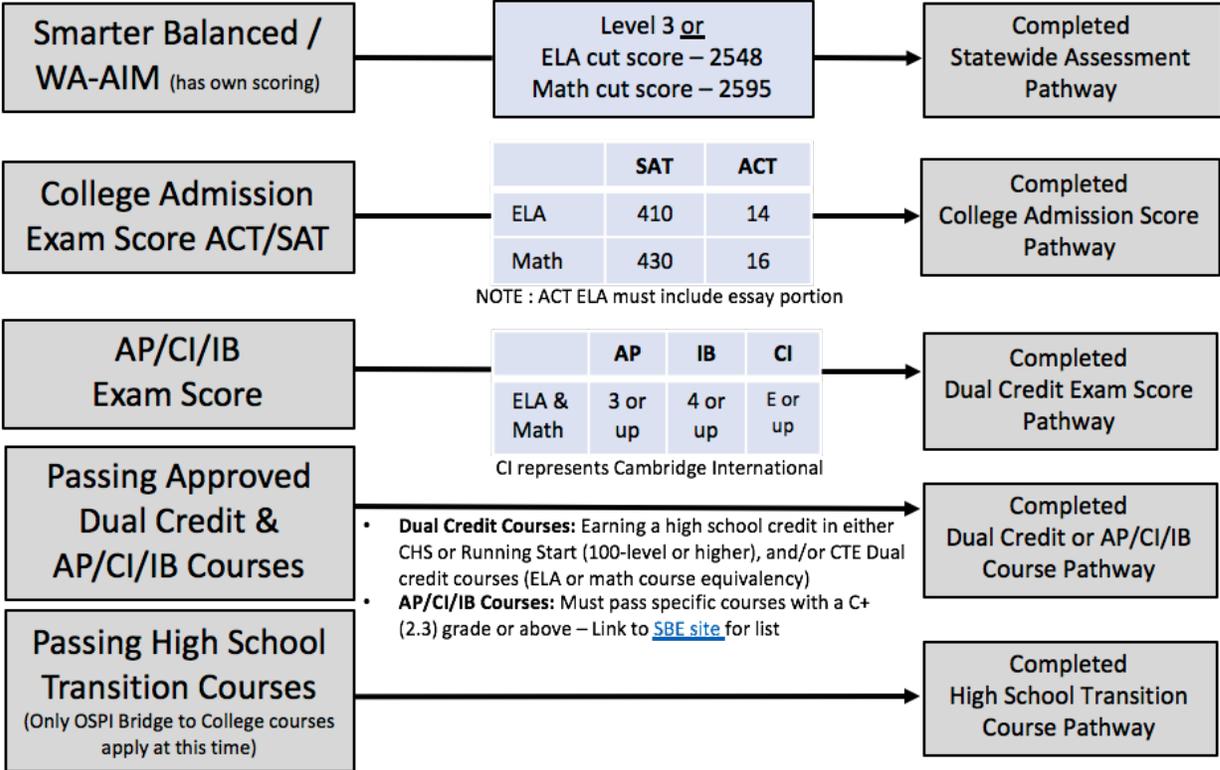
State Assessment Requirement Pathway to Graduation Options

(Below are state approved options for students to meet the testing requirement)

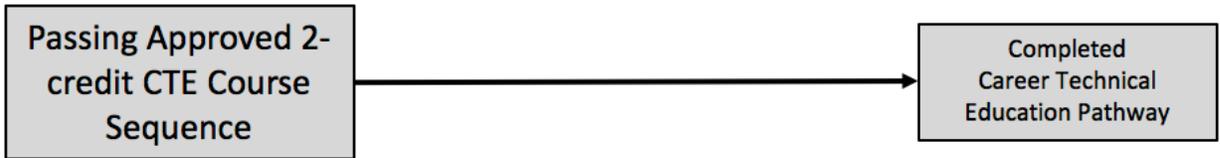
HSBP

Graduation Pathway
Must align with the student's High School & Beyond Plan and can be mixed to fulfill ELA and math

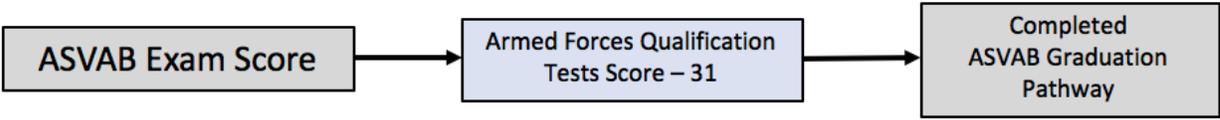
General Postsecondary Education



Career/Technical Field



Military Career Interest



WHS Course Catalog

Northshore School District is committed to developing programs and courses operated in conformity with all Federal and State laws prohibiting discrimination based on race, color, national origin, disability, gender, sex, sexual orientation, religion, or military service.

CAREER & TECHNICAL EDUCATION

CTE is at the front of innovation in education in the Northshore School District. There is nothing more exciting than seeing students engaged in studies that push them to their limits and spark their imaginations. To be career and college ready, you need to be able to integrate and apply 21st century skills, technical knowledge and skills, and core academic knowledge. With an emphasis on real world, real life skills, Career and Technical Education – Northshore School District connects you to academics and training that will help you be successful in the future through hands on, applied learning. Our goal is that every student will graduate from high school globally competitive for work and postsecondary education and prepared for life in the 21st century. No matter what your dream, you can pursue it through CTE.

BUSINESS AND MARKETING

BFI315A/B - FINANCE: Personal Wealth Management and Investment

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education, CTE Dual Credit Offering, 3rd Credit of Math*

Notes: If the course is being taken to meet the 3rd year math option, students must have previously earned two credits in math and form must be filed with the Counseling Office.

Now is the time to start understanding finance in mathematical terms and gain confidence in your ability to manage money. This course is designed to build on your prior math knowledge while taking you step by step through strategies that will help you learn the time value of money, how to evaluate the best cell phone contract, how to build a business plan by knowing costs, profits, and break even points, how to buy, sell, trade, and analyze stocks, how to manage checking and savings accounts, estimate and analyze loans, and more!

*This course meets 3rd year math requirements as a Career Pathway Option. Students will need to meet with their counselors to complete the registration, parent conference, and sign-off requirements prior to signing up for this course as a 3rd year math option.

BEC301/BEC300 - AP MICRO/MACRO ECONOMICS

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

Other Info: Students are encouraged to take the AP exams (Microeconomics AND Macroeconomics) in the spring for potential college credit.

Students will start the year learning AP Microeconomics, which is the study of how individuals and businesses make decisions. It includes topics such as: incentives, supply and demand, business costs, market structures, and the government's role in the marketplace. Second semester focuses on AP Macroeconomics, which is the study of the economy as a whole. It includes topics such as: International trade and exchange rates and how interest rates, taxes and government policies influence investment, unemployment, inflation and economic growth. AP Economics is a fast-paced, challenging and exciting course for any motivated student. Students who are successful in this course will be prepared to take BOTH the AP Macroeconomics and AP Microeconomics exams in the spring.

BMD110A/B - INTRODUCTION TO MARKETING

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education, CTE Dual Credit Offering

Other Info: Up to 5 college credits available

Introduction to Marketing gives students a distinct advantage over others no matter what they choose as their future career. The concepts of the 4 P's of marketing, target marketing, branding, selling, presentation, etc. are applied to creative and fun projects. Our philosophy is to learn by doing and applying the concepts. I want someone who can sell rather than someone who can define how to sell. In addition, not only will we apply the material to products and services, but we also apply the material to the most important product, you. Understanding how to brand, sell, and present you will ultimately land you those coveted words "You got the job!" Finally, students will instantly have a resume talking point as they will be a part of a recognized organization Woodinville High School DECA. DECA gives students the opportunity to practice the skills learned in the class through competition and to build a network with business professionals and alumni in our community. The impact of marketing class goes beyond the walls of the school.

BMD150A/B - ADVANCED MARKETING

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: Career & Technical Education, CTE Dual Credit Offering

Prerequisite: Completion of Intro to Marketing

Other Info: Up to 5 college credits available

Advanced Marketing is designed to continue to develop and enhance skills learned in Introduction to Marketing. Students will create and develop proposals to present as if to gain commitment from a client. In addition, marketing students will also tap into their entrepreneurial spirit through business plan development. All of the skills are transferable to overall general student growth as they will develop their individual plan and develop an individual proposal to get that job! Finally, students will apply all of their skills in the Woodinville DECA program through competition and developing their network with community business professionals and alumni. We welcome your continued involvement in our comprehensive program this fall!

DECA is the international student association, with 215,000 members, that all marketing students are encouraged to join. DECA provides students with many opportunities for travel, leadership development, case study competitions, DECA only scholarships, and fun. DECA is the "varsity sport of business". Topics covered are universal in the world of business and apply to both profit and not-for profit organizations.

BMM170A/B - MARKETING MANAGEMENT

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: Career & Technical Education

Prerequisite: Completion of Advanced Marketing

This is an advanced marketing course for those students who have completed Intro and Advanced Marketing. This is the 3rd year course in the Marketing/DECA pathway and will be heavily focused on preparation for DECA competitions. In addition, management of training, hiring, firing, organization, controlling, motivating, and implementation of decisions will be covered.

BLA105 - BUSINESS LAW

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education, CTE Dual Credit Offering

Other Info: Up to 5 college credits available

This course is designed to give students exposure to the types of law they will encounter every day. Topics covered include criminal and civil issues. An emphasis on case studies, role playing and group work will allow students to use their own life experiences to bring the course material to life and to keep the class relevant. Students learn the difference between criminal and tort law, elements of contracts, liability and negligence, and study consumer rights.

BRO105A/B - RETAIL OPERATIONS/STUDENT STORE

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: Career & Technical Education

Prerequisite: Completion or concurrent enrollment in Marketing or with instructor approval

This is a unique course involving on-campus work experience in a “real” retail business. Student employees are trained to operate electronic cash registers and to handle the following jobs: advertising, purchasing, inventory control, record-keeping, food preparation, stock maintenance, clothing sales, store maintenance, and cleaning. Courtesy, service, honesty, confidence, and professionalism identify the successful student working in the store.

TECHNOLOGY AND ENGINEERING

BMO100 - MICROSOFT OFFICE CERTIFICATION

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education, CTE Dual Credit Offering

Other Info: Up to 5 college credits available

Students may become an “expert” in Word and Excel working independently using college-level materials. Upon successful completion of this course, students are prepared to take the Microsoft Industry Standard certification tests and become more competitive in today’s job market. This course can be repeated for additional opportunities to earn multiple Microsoft Office certifications.

BWE110 – WEB DESIGN

Length/Credit: Semester/ .5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Occupational Education, Career & Technical Education

In this project-based course, students will learn how to build their own web pages using the languages of HTML and CSS. They will create their own live homepages to serve as portfolios of their creations. This is a one-semester course for high school students.

TEC300 - TECHNOLOGY SUPPORT FUNDAMENTALS

Length/Credit: One semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

This course is the first of a series that aims to prepare you for a role as an entry-level IT Support Specialist. In this course, you’ll be introduced to the world of Information Technology, or IT. You’ll learn about the different facets of Information Technology, like computer hardware, the Internet, computer software, troubleshooting, and customer service. This course covers a wide variety of topics in IT that are designed to give you an overview of what’s to come in this certificate program.

By the end of this course, you’ll be able to:

- Understand how the binary system works
- Assemble a computer from scratch
- Choose and install an operating system on a computer
- Understand what the Internet is, how it works, and the impact it has in the modern world
- Learn how applications are created and how they work under the hood of a computer
- Utilize common problem-solving methodologies and soft skills in an Information Technology setting

TCS200 - INTRODUCTION TO COMPUTER SCIENCE PRINCIPLES

Length/Credit: One semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

This introductory survey course, based on the UC Berkeley CS10 course, offers students a hands-on introduction to computer science that surrounds us every day. The course is far more than just learning to program. We will focus on some of the "Big Ideas" in computing, such as abstraction, design, recursion, concurrency, simulation, and the limits of computation. We will show some beautiful applications of computing that have changed the world, talk about the history of computing, and where it will go in the future.

VJP300A/B - AP COMPUTER SCIENCE A

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education, 3rd credit of Math, 3rd credit of Science

Other Info: Students are encouraged to take the AP Computer Science A test in the spring for potential college credit.

This course introduces students to object oriented programming by teaching fundamental computer science concepts using the Java language. The curriculum mirrors the CSE 142 and 143 classes at University of Washington. Students are challenged to solve problems in new ways through procedural decomposition. Students will learn definite and indefinite looping, using varying data types, crafting methods with parameters and return values, branching with conditional execution, reading and writing to files, managing arrays and other collections, crafting classes and interfaces, optimizing searching and sorting procedures, and evaluating advanced recursive algorithms.

VCP520/VCP521 – ADVANCED PROGRAMMING TOPICS 1 and 2

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: Career & Technical Education, 3rd credit of Math, 3rd credit of Science

Prerequisite: AP Computer Science A

This course provides an opportunity for highly motivated students who have completed a yearlong college-level Computer Science course (Computer Science with C#.NET, AP Computer Science) to continue their studies in this field. The course builds on the fundamentals of object-oriented programming established in APCS A. In the first semester, students will study data structures including lists, sets, maps, stacks, queues, and their own collection classes. Students will define, create and traverse trees. Students will also have the opportunity to survey other programming languages. In the second semester, students will design, plan, and create their own large-scale project which could be a mobile app, desktop application, interactive website, or video game. Students in this course are expected to be self-motivated and work at a high level.

VAT400A/B – AVIATION: INTRODUCTION TO FLIGHT

Length/Credit: Full year/1 Credit

Grades: 10, 11, 12

Diploma Category: Career & Technical Education

Demand for aviation talent is high, and this course gives young men and women, without any prior experience, the opportunity to explore the world of aviation. Topics include aerodynamics, careers, charts, flight planning, history of aviation and space technology, navigation, piloting and propulsion systems. Each student has access to Lockheed-Martin Prepar3D® flight simulation systems, used to master a variety of aviation skills. This remarkable simulation technology allows our students to "fly" a variety of aircraft, including jets, in any weather condition, to any airport in the world, using sophisticated electronic navigation techniques. At least one field trip to an aviation related organization (such as the Boeing Museum of Flight) is typically included. All students participate in the King Schools ground school video curriculum as an integral part of this course. This widely acclaimed course is intended to prepare students to pass their FAA Private Pilot written exam!

TEM100 – METAL FABRICATION

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

This class is designed to provide students with knowledge of the basic concepts of metalworking. Emphasis will be placed on the hands-on study of sheet metal, forming, CNC machining, hand tool operations, and bench work practices. Industry standard Computer Integrated Manufacturing machines will be used frequently including CNC Waterjet, CNC milling machines, and other output machinery. Several project-based learning activities will be accomplished.

TER215A/B - INTRODUCTION TO ROBOTICS

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education, 3rd credit of Math**

This course is designed to give students the opportunity to explore the world of robotics through the basic principles of design, construction, and programming of robots while learning problem-solving techniques, mathematics, logic, creativity, physics, electronics, mechanics, teamwork, computers, and computer programming. The class is structured for both technical and non-technical students. Students will first learn how the basic components of a robot operate and then learn to join them together to form a robot that can complete simple functions. Students will use VEX Robot kits to design, build, test, and modify their own robots. In the labs, students either individually, or as teams, will be challenged to construct robots that will perform a series of tasks. The goal of the class is to provide students the opportunity to apply science, math, technology, and engineering skills and concepts to something that is both challenging and fun.

***If the course is being taken to meet the 3rd-year math option, the student must have previously earned one credit in Algebra 1 or Algebra 1 equivalent course and have earned one credit in Geometry or be concurrently enrolled in Geometry and the 3rd-year math option course.*

TER300 – ADVANCED ROBOTICS

Length/Credit: One Semester/.5 Credit (can be repeated)

Grades: 10, 11, 12

Diploma Category: Career & Technical Education

Prerequisite: Successful completion of Introduction to Robotics or any other high school engineering or robotics courses.

This course is designed to give students with previous robotics experience the opportunity to further their knowledge. Teams will fabricate a robot through the basic principles of design, construction, and programming while learning problem-solving techniques, mathematics, logic, creativity, physics, electronics, mechanics, computers, and computer programming. The class is structured for both technical and non-technical students. Students will be creating their own robots through the entire design and fabrication process. Use of metal fabrication CNC machines, CAD design, lasers, milling machines, and 3D printers will also be part of the course. In the lab, students work as teams and will be challenged to construct robots that will perform a series of tasks. The goal of the class is to provide students the opportunity to apply science, math, technology, and engineering skills and concepts to something that is both challenging and fun.

TEC608 - ANIMATION TECHNOLOGY

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

This class will teach you the basics of 2D computer animation using the industry standard software Adobe Flash CS 5. Regardless of your ability to draw, you can create simple and complex animations using the unique tools and techniques of this amazing program. Learn frame-by-frame animation and “tweening” techniques. Learn how Flash is used in the development of web pages. Advanced students learn additional features of Flash including interactivity, action scripting, and get the opportunity to try out a 3D program.

TEV135 - VIDEO PRODUCTION

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

This class produces and edits video for web formatting using both computer-based and Web 2.0 based software. Podcasting, scripting, storyboarding, concept development, and video shooting are practiced and developed.

TEW201 - WELDING TECH

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

Students will develop skills with oxyacetylene welding, cutting, and electric arc processes. Common metal joinery processes learned will include fusion welds, lap welds, and fillet welds in the flat position.

TEC105 – INTRO TO ENGINEERING/COMPUTER AIDED DRAFTING (CAD)

Length/Credit: One semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

This course is open to any student who would like to learn about engineering design and the processes of building things. Applying problem solving, visual communication, and design skills along with using industrial technology systems, students create and build challenging and exciting projects. Units of study include manufacturing, electricity/electronics, energy, power, computer aided drafting (CAD), structures, and architecture. Class projects will be hands-on and constructed out of a variety of materials that could include wood, metal, and plastic.

TEC108A/B – PLTW ENGINEERING DESIGN

Length/Credit: Full year/1.0 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

Engineering Design - Project Lead The Way serves as a foundation course within the 4-year Project Lead The Way Engineering pathway program (www.pltw.org). This course is designed for the student interested in an engineering related field of study. Students dig deep into the engineering design process and focus on key elements including; research and analysis, technical drawing/sketching, measurements, statistics, geometric shapes/solids, dimensions, tolerances, reverse engineering, 3D modeling skills, structural analysis, product development, and design thinking concepts. Students work individually and in teams while applying math, science, and engineering standards to many hands-on projects.

TEC109A/B - PRINCIPLES OF ENGINEERING

Length/Credit: Full year/1.0 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

As you master the basic concepts needed to continue your education in engineering, you'll apply them in this course while tackling real world challenges. This course is designed to utilize the foundational skills learned in Introduction to Engineering Design in order to engage and challenge students while they explore a broad range of engineering topics that include energy sources and applications, mechanisms, fluid power, the strength of structures, materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. A working knowledge of trigonometry and basic mechanics (Physics) is highly suggested. The biggest key towards success will be a highly motivated, self-learner with past success in STEM classes.

TEC107A/B - AEROSPACE ENGINEERING (PLTW)

Length/Credit: Full year/1.0 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

Recommendation: Completion or concurrent enrollment in Computer Aided Design (CAD) and/or VEX Robotics

As one of the specialty courses in the Project Lead The Way Engineering pathway, this course propels students into learning in the fundamentals of atmospheric and space flight. As they explore aeronautics, rocketry, and aerospace engineering, students bring concepts to life by hands-on projects like the creation of an airfoil, propulsion system, and rockets. Students explore basic orbital mechanics, robot systems, study materials and their applications, and learn about careers in aerospace.

TEC110A/B - PLTW CIVIL ENGINEERING AND ARCHITECTURE

Length/Credit: Full year/1.0 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

Recommendation: Completion or concurrent enrollment in Algebra 2

Civil Engineering and Architecture is the study of the design and construction of buildings for residential and industrial purposes. The course includes an introduction into building design and construction. Included is structural design, utilities and services, cost estimation, energy efficiency, and careers building.

OTHER CAREER & TECHNICAL EDUCATION COURSES

TEA150A/B - ANNUAL STAFF (YEARBOOK)

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

Are you interested in learning what it takes to be successful in a job? If so, Yearbook is the class for you. For many students, this will be the first time they are part of a work staff. Yearbook staff members are responsible for creating a product (320-page yearbook) for paying customers (students/guardians/staff). Students in this course will produce a 320-page yearbook over the course of the year. Yearbook staff members will spend the first 6 weeks of school learning about design, photography, writing, editing, and interviewing. The rest of the school year staff will spend their time in class creating the yearbook pages in a lab-based format. Student leadership and editor positions are also open for students who want develop skills in project management and leadership. Students in this class will be responsible for taking photos during/after school. Students who don't drive or have transportation to take photos at sporting/school events after school will be given an alternate in-school photo assignment.

WLT200A/B – INTRODUCTION TO INTERPRETING & TRANSLATION

Length/Credit: Full Year/1 credit

Grades: 9-12

Diploma Category: Career and Technical Education

Prerequisite: Bilingual and Bi-literate in English and another language

Are you a bilingual student with an interest in helping others? Do you ever help friends, relatives or community members with translation and interpretation? Have you ever considered earning a living by translating and interpreting in a Medical, Educational, Social/Community or Legal setting? In this safe and supportive environment you will learn how to accurately and professionally transfer communication from one language to another in written and verbal form. Students will learn interpreter protocols, professional ethics and the development of skills in consecutive and simultaneous interpreting and site translation through research, role playing, target language texts, guest speakers and interpreter experiences.

VEC100 – EMERGENCY CERT

Length/Credit: One semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

The Community Emergency Response Team (CERT) is a nationally recognized Federal Emergency Management Agency (FEMA) program that covers the topics of disaster preparedness, fire safety and suppression, disaster medical treatment, search and rescue, the Incident Command System, disaster psychology, and terrorism. Students enrolled in CERT will learn and master the skills of disaster medical treatment, fire suppression, triage, light search and rescue, and cribbing. Students successfully demonstrating the knowledge and skills of CERT will earn a FEMA certification. CERT is a skills based course ideal for students who prefer hands-on learning; throughout the semester students learn about emergency response equipment to build their own emergency response pack. In addition, students will participate in first aid training, CPR, AED (certification upon demonstration of knowledge and skills), radio communications, active shooter training, and other emergency response skills.

YYN221A/B - ASB OFFICER CLASS

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

Prerequisite: Must be elected to be an ASB or class officer or selected by ASB for an appointed position.

This course is designed to instruct students in the various methods and techniques involved in planning, implementing, and evaluating projects. Leadership skills such as parliamentary procedure, timelines, budgeting, analysis of leadership style, and agenda planning will be stressed. Students will be given the opportunity to generate, develop, and implement projects. Community service will be an integral part of this class. The course will be both project and instruction based.

YYN071 - PEER COACHING (ADVOCATE FOR SPECIAL EDUCATION PROGRAM)

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

Peer Coaches will have the experience of working directly with students with moderate to significant developmental disabilities. Peer Coaches work with students in a variety of ways including: general academic support, 1:1 direct instruction, taking data, and classroom management. Students must be reliable, respectful, conscientious, and able to take initiative. This is a great opportunity for students interested in entering the teaching or medical fields.

YYN170 - TUTOR ELEMENTARY

Length/Credit: One Semester/.5 Credit

Grades: 12

Diploma Category: Career & Technical Education

Students may tutor at Woodin or Kokanee Elementary, fourth through sixth periods, for credit. To qualify for this class, students must have good attendance, be highly responsible, and have the ability to work with students of varying abilities. Students will assist elementary school teachers with classroom responsibilities including but not limited to: assistance with 1:1 reading, math tutoring, and general help around the classroom. Students will be paired with a teacher based on their interests and experiences. Students may be paired in a physical education, art, music, general, or dual language classroom, depending on Spanish Language experience. Students will receive a Pass/No Credit grade.

WHS SATELLITE PROGRAMS

CTN300A/B - MEDICAL PROFESSIONALS ACADEMY (HEALTH SCIENCE CAREERS) SKILL CENTER PROGRAM

Length/Credit: Full Year (3 consecutive periods)/3.0 Credits

Grades: 11, 12

Diploma Category: Career & Technical Education (1.5), Health (.5), Lab Science (1) or 3rd credit of Science (1), CTE Dual Credit Offering

Other Info: This is a Skill Center Program offered at WHS. Fees are associated with this course for purchasing required supplies. Up to 16 college credits available through Bellevue College.

Application: Career & College Readiness Satellite Program Application is required.

This intensive course of study introduces students to a variety of careers in the health care industry with emphasis on hands-on, patient-oriented careers such as physician, nursing, and other therapists. At the end of the year students are qualified for the Nursing Assistant State exam. Nursing Assistant is an entry level position in healthcare and will allow you to enter the medical field right after graduation from the program.

Instruction Includes:

- Health care field career exploration
- Anatomy and physiology
- Medical terminology
- Pathophysiology and clinical manifestations
- Infection control
- Preventative & restorative care
- Patient care
- Communication with a patient and a care team
- Electronic charting
- Clinical internship
- CPR and First Aid Certification
- HIV Certification

Classes meet at Woodinville High School for three consecutive periods in the morning or afternoon. A schedule of classes is available on the WHS Health Science Careers site. The schedule allows travel time for students from other schools. Morning HSC students are back to their home schools in time for fourth period and afternoon students are able to leave their home school after third period. District transportation is available for transit between schools. An additional 7 shifts of clinical internship at skilled nursing facilities on Saturdays are spread throughout the school year. Clinical shadowing is available at Harborview Medical Center in May with school transportation provided.

The WA State NAC certification exam is conducted at the end of the school year. The fee for the exam is \$156, which includes the Department of Health license fee. Students are employable as a Certified Nursing Assistant on the next day after the exam. There is a very high demand for nursing assistants in the community. Students frequently get hired on the spot with the starting pay of \$12-17/per hour. Other expenses: Scrubs - \$25, white shoes for clinicals, a wristwatch, and a personalized sweatshirt - \$35. Personal stethoscope is optional, as we provide them in class. HOSA membership is \$15. All fees are fully refundable by a future employer if the graduate gets a job within the first year after completion of the program.

College credit: 16 college credits through Bellevue College, which are fully transferrable to any other college or university.

This program partners with the University of Washington Bothell Health Science Department, which includes pre-med, public, and global health tracks, as well as Bachelor of Science in Nursing. Students are actively involved in National HOSA (Health Occupation Students of America), a student leadership organization, successfully competing in multiple categories on a state and national level.

VWE301 - WELDING AND FABRICATION

Length/Credit: One Semester (2 periods)/1 Credit

Grades: 10, 11, 12

Prerequisite: Application and Acceptance

Application: Career & College Readiness Satellite Program Application is required.

The Welding and Fabrication program provides students with training in oxy-acetylene welding and cutting, arc welding, MIG welding, and TIG welding. Students start with planning and layout work, then progress to setting up and operating welding and cutting (Oxy-Fuel, and Plasma) equipment. The students learn Shielded metal arc as well as MIG solid wire, Flux core, and TIG welding in all positions. Some of the metals we weld with are Carbon Steel, Aluminum, and Stainless Steel, to name a few. Emphasis is placed on safety as well as blueprint reading, properties of metal, metal identification, type and use of electrodes, welding rods, electrical principles, and welding symbols.

The use of manuals, specification charts, and understanding the welding standards established by the American Welding Society is stressed. Training in the planning, layout, forming, joining, and fabrication of various shapes in light and heavy gauge metal and pipe is provided. Students are exposed to the use of specialized hand tools, shears, forming and shaping machines, drill presses, and metal cutting saws. Inspection and testing processes as well as procedures are also demonstrated and explained.

The students will work on various projects throughout the time they are enrolled in Welding and Fabrication. We work on projects for the school, other teachers, students, outside customers, etc.

FLEXIBLE CREDIT COURSES

SSG440A/B - AP HUMAN GEOGRAPHY +

Length / Credit: Full Year / 1.0

Grade: 9, 10, 11, 12

Prerequisite: None

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: Flexible

Notes:

Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the 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.

APS110A/B – AP SEMINAR

Length / Credit: Full Year / 1.0

Grade: 10, 11

Prerequisite: None

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: Flexible

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

AP Capstone™ is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of two AP courses — AP Seminar and AP Research — and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses. In AP Seminar, students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. This course is the first of a set of two classes for students who wish to pursue an AP Capstone diploma.

YYN210 - LEADERSHIP CLASS

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Flexible Credits

Are you interested in becoming involved in school leadership activities? In this course, students will learn to develop and strengthen leadership abilities by actively planning leadership lessons, working on committees, and participating in planning sessions. Students will be given the opportunity to participate in activities associated with homecoming, assemblies, school dances, and community service projects. Students will also be a part of the advertisement and promotion of school and community activities. Be a part of school leadership and make a difference in your school and the community.

YYN220A/B – LINK CREW CLASS

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: Flexible Credits

Link Crew is a 9th-grade transition program that focuses on enlightening the experience of a new high school student – socially, academically, emotionally, and mentally. Link Crew empowers students to support, encourage, and care for other students. In the Link Crew class, we will focus on topics such as team and climate building, organization, leadership, communication, facilitation and teaching, and personal development. Additionally, students will learn important mentoring skill and life skills that will help them create a positive climate and culture on our campus.

YYN890 – “ADULTING” 101: A LIFE PLANNING COURSE

Length/Credit: One Semester/.5 Credit

Grades: 11, 12

Diploma Category: Flexible credits

The course would be broken up into 3 units. Senior “Adulthood” and Life Planning Class is a course offered in order to prepare seniors (and juniors) for the next phase of life. Let’s face it, “adulthood” can be difficult in 21st Century America, and this next chapter of life can feel, well, a bit daunting! However, this anxiety can be diffused with just a little planning and foresight. The course objective is to provide units of study around what is needed to “adult” well, and to end the course with a plan for the life ahead. The course would be a semester-long elective. The units would be as follows: Unit 1--College life planning--Including aptitude testing, research — 3 career interests--Ending in an internship. Unit 2--Life planning--What is a financial plan, and how to implement it--including how to pay taxes. We will also delve into what makes people happy (in 21st century), mindfulness and exercise, etc. Unit 3-- Interpersonal Relationships--What does good communication look like?! What makes for a healthy marriage, parenting, and even what a healthy single life looks like. The course would end with a presentation—A solid plan for the next year of life.

ENG115 - ELA MENTOR

MAT110 - MATH MENTOR

SCI110 - SCIENCE MENTOR

SSS115 - SOCIAL STUDIES MENTOR

WLM100 - WORLD LANGUAGE MENTOR

Length / Credit: Semester / .5

Grade: 11, 12

Prerequisite: Teacher permission

Fees: N/A

Diploma Category: Flexible

Notes: Course is available either semester. Mentors work with a variety of students with a wide range of abilities. Mentors will be trained on instructional methods, data collection, and social interactions through “job shadowing” and “on the job” observations. Pass/Fail credit is given for the course. Math Mentors must be in a high-level math class and would mentor in all lower level classes.

ENGLISH

TO REQUEST AN EXCEPTION TO A GRADE LEVEL OR PREREQUISITE REQUIREMENT, PLEASE COMPLETE AND SUBMIT THIS [REQUEST AN EXCEPTION FORM \(https://forms.gle/eJpmmac5MMR5Ujqz9\)](https://forms.gle/eJpmmac5MMR5Ujqz9).

The study of English or Language Arts is essential in successfully navigating our ever changing and expanding global society. With constant changes and advances in technology, effective communication has become a skill we all must master, as our ability to successfully communicate across all modes is paramount to the success of all humankind.

While students are in attendance at WHS, the English Department will endeavor to prepare them with skills honed and mastered in the six essential parts of Language Arts; therefore, reading, writing, speaking, listening, viewing, and visually representing are the main components upon which our lessons are built. Consequently, students have many opportunities through a variety of core classes as well as electives to expand their skills.

Please carefully read the descriptions of the courses in order to choose the right class for your needs. We encourage and welcome any student who wants to ask us questions about course selection because we want you to succeed and we enjoy helping you in any way we can.

FRESHMEN

ENG160A/B - PRE-AP ENGLISH 9

Length / Credit: Full Year / 1.0

Grade: 9

Prerequisite: None

Fees: N/A

Diploma Category: English 9

Notes:

This course establishes the skills necessary for a successful progression of learning for advanced high school ELA coursework. Students will be introduced to fundamentals of close observation, critical analysis, and the author's craft. Students will engage in readings that attend to small details within a text that deepen the meaning of the whole passage. Students will also write complex sentences that lead to lengthier writing. In addition, vocabulary will be enhanced and speaking skills will be practiced in this course.

ENG100A/B - ENGLISH 9

Length / Credit: Full Year / 1.0

Grade: 9

Prerequisite: None

Fees: N/A

Diploma Category: English 9

Notes:

Students will be introduced to analytical thinking and literary analysis as they apply close, critical reading and writing strategies that focus on literary elements and the writer's craft. Students will write narrative and argumentative essays. They will broaden their understanding of language use with attention to word choice, imagery, tone, and figurative language to convey ideas. Students will use a specific process that involves five analytical moves referred to in "The Writing Method" as outlined in their core textbook.

Students will interpret a variety of texts that include short fiction, novels, images, multimedia text, poetry, plays and informational passages. Texts will include representation of different cultures and perspectives as students broaden their understanding of relevant topics reflective of world communities.

ELL100A/B – ELL ENGLISH 9

Length / Credit: Full Year / 1.0

Grade: 9

Prerequisite: None

Fees: N/A

Diploma Category: English 9

Notes:

This class is designed to help develop the English language in an academic setting through a focus on reading, writing, speaking, and listening. Students will master the necessary language skills through various forms of listening and speaking: direct instruction, peer-to-peer exercises, teacher-student collaboration, and presentations. Reading and writing development is practiced daily, per student need and grade level, and aligns with both the Common Core State Standards and ELPS Standards. The expectation is that students can use texts like *Writing Analytically* to help develop analysis methods for novels and articles used to supplement this skill building. In the end, this course aims to provide an environment that supports and fosters student language growth based on individual English language needs.

SPL100A/B - LC ENGLISH 9

Length / Credit: Full Year / 1.0

Grade: 9

Prerequisite: None

Fees: N/A

Diploma Category: English 9

Notes:

This class is designed for students receiving Special Education services and will be targeted at individual learning goals. Reading and writing development is practiced daily, per student need and grade level, and align with the Common Core State Standards.

SOPHOMORES

ENG200A/B - ENGLISH 10

Length / Credit: Full Year / 1.0

Grade: 10

Prerequisite: None

Fees: N/A

Diploma Category: English 10

Notes:

Students will delve deeper into analytical thinking and literary analysis as they apply close, critical reading and engage in more critical thinking as they expand upon the five analytical moves within “The Writing Method” outlined in their core textbook. Students will engage in the process of writing that emphasizes paragraph structure, essay development, literary analysis, and rhetorical analysis.

Students will write inductive analysis and literary essays. They will broaden their abilities to use research skills and credible sources as they construct in-depth text interpretations. Students will interpret a variety of texts that include short fiction, novels, images, multimedia text, poetry, plays and informational passages. Texts will include representation of different cultures and perspectives as students broaden their understanding of relevant topics reflective of world communities.

ENG255A/B - PRE-AP ENGLISH 10

Length / Credit: Full Year / 1.0

Grade: 10

Prerequisite: None

Fees: N/A

Diploma Category: English 10

Notes:

This course prepares sophomores for rigorous Advanced Placement (AP) programs as it builds upon previous learning from Pre-AP English 9 with new and more complex literary and informational texts. As writers, students will compose analytical essays with a focus on craft and cohesion. Students will engage with content related to argument, persuasion in literature, voice in synthesis, and purpose in poetry and prose.

ELL200A/B – ELL ENGLISH 10

Length / Credit: Full Year / 1.0

Grade: 10

Prerequisite: None

Fees: N/A

Diploma Category: English 10

Notes:

This class is designed to help develop the English language in an academic setting through a focus on reading, writing, speaking, and listening. Students will master the necessary language skills through various forms of listening and speaking: direct instruction, peer-to-peer exercises, teacher-student collaboration, and presentations. Reading and writing development is practiced daily, per student need and grade level, and aligns with both the Common Core State Standards and ELPS Standards. The expectation is that students can use texts like Writing Analytically to help develop analysis methods for novels and articles used to supplement this skill building. In the end, this course aims to provide an environment that supports and fosters student language growth based on individual English language needs.

SPL200A/B – LC ENGLISH 10

Length / Credit: Full Year / 1.0

Grade: 10

Prerequisite: None

Fees: N/A

Diploma Category: English 10

Notes:

This class is designed for students receiving Special Education services and will be targeted at individual learning goals. Reading and writing development is practiced daily, per student need and grade level, and align with the Common Core State Standards.

JUNIORS

ENG300A/B - ENGLISH 11

Length / Credit: Full Year / 1.0

Grade: 11

Prerequisite: None

Fees: N/A

Diploma Category: English 11

Notes:

Students will strengthen and refine the analytical thinking, reading, writing and communication skills learned in previous grades. They will engage in critical, close reading of nonfiction, short fiction, argumentative essays, and a variety of literature within the context of American history. Students will incorporate an analytical perspective as they employ the application of literary devices, literary techniques, and ideas conveyed in the readings.

Writing is extensive and includes a variety of assignments focused on literary analysis, persuasive writing, personal narrative, comparison, inductive and deductive analysis, and creative writing. Students will evaluate personal bias, compare/contrast information, and develop a more in-depth thesis within their writing assignments.

Texts will include representation of different cultures and perspectives as students broaden their understanding of relevant topics reflective of world communities.

ENG475A/B - AP ENGLISH LANGUAGE & COMPOSITION

Length / Credit: Full Year / 1.0

Grade: 11, 12

Prerequisite: None

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: English 11 or English 12

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

AP English Language and Composition is an introductory college-level composition course that culminates with the AP English Language and Composition exam in the spring. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situations, claims and evidence, reasoning and organization, and style.

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods.

There are no prerequisite courses for AP English Language and Composition. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.

ELL300A/B – ELL ENGLISH 11

Length / Credit: Full Year / 1.0

Grade: 11

Prerequisite: None

Fees: N/A

Diploma Category: English 11

Notes:

This class is designed to help develop the English language in an academic setting through a focus on reading, writing, speaking, and listening. Students will master the necessary language skills through various forms of listening and speaking: direct instruction, peer-to-peer exercises, teacher-student collaboration, and presentations. Reading and writing development is practiced daily, per student need and grade level, and aligns with both the Common Core State Standards and ELPS Standards. The expectation is that students can use texts like Writing Analytically to help develop analysis methods for novels and articles used to supplement this skill building. In the end, this course aims to provide an environment that supports and fosters student language growth based on individual English language needs.

SPL300A/B – LC ENGLISH 11

Length / Credit: Full Year / 1.0

Grade: 11

Prerequisite: None

Fees: N/A

Diploma Category: English 11

Notes:

This class is designed for students receiving Special Education services and will be targeted at individual learning goals. Reading and writing development is practiced daily, per student need and grade level, and align with the Common Core State Standards.

SENIORS

All of our senior offerings meet the requirements for college entrance and rigorously prepare students for college, career, and beyond.

ENG450A/B - ENGLISH 12: FOCUS ON FICTION

Length / Credit: Full Year / 1.0

Grade: 12

Prerequisite: None

Fees: N/A

Diploma Category: English 12

Notes:

Designed to prepare students for the rigor and pace of college study, this course requires students to consistently demonstrate a commitment to and a competence in language arts study. Students will read challenging texts from world literature, write analytical essays, and read secondary critical sources. Throughout the course of the year, students will explore works of fiction, including full-length novels and plays as well as thematically related non-fiction, examining several different perspectives on a given subject, appreciating the wide range of opinions on that subject, and advancing their own ideas within the framework of current debates on the topic. Students will continue their study of Writing Analytically with a focus on Critical Lens Essays and Academic Conversations.

ENG451A/B - ENGLISH 12: FOCUS ON THE CLASSICS

Length / Credit: Full Year / 1.0

Grade: 12

Prerequisite: None

Fees: N/A

Diploma Category: English 12

Notes: Commitment to attend evening and weekend performances.

Designed to prepare students for the rigor and pace of college study, this course requires students to read selections from the classics of world literature and place them in the social, cultural, and historical contexts in which they were created, culminating in our attendance at evening and weekend performances to see live examples of what we study. Researching and writing critical analysis essays about these selections, their contexts, and the performances will be a major component of this class. Students will continue their study of Writing Analytically with a focus on the rhetorical analysis of various art forms, including visual art, music, architecture, and stage performances that were prolific in these contexts.

ENG452A/B - ENGLISH 12: FOCUS ON CULTURE

Length / Credit: Full Year / 1.0

Grade: 12

Prerequisite: None

Fees: N/A

Diploma Category: English 12

Notes:

Designed to prepare students for the rigor and pace of college study, this course requires students to consistently demonstrate a commitment to rhetoric and the study of contemporary issues. Students will also study the personal arenas that shape them, including culture, gender, race, and socioeconomic status. Students will read a core collection of well-known essays, current articles, and short fiction and engage with video, radio segments, and photos on a wide range of topics. Improvement of close analysis, reading, presentation skills, and writing will be stressed. Students will continue their study of Writing Analytically with a focus on Critical Lens Essays and Academic Conversations.

ENG453A/B - ENGLISH 12: FOCUS ON VOICE

Length / Credit: Full Year / 1.0

Grade: 12

Prerequisite: None

Fees: N/A

Diploma Category: English 12

Notes:

Designed to prepare students for the rigor and pace of college study, this course will have students further their knowledge of rhetoric, logic, research, and delivery through the arts of debate and creative writing. Poetry, short stories, plays, novels and speeches will be analyzed for their intent and effectiveness. The study of these texts will be used to influence writing in various genres. Routine collaboration and peer feedback workshops will be an expectation. Culminating projects will be both analytical and creative in nature. Students will continue their study of Writing Analytically with an emphasis on rhetorical awareness of audience.

ENG456A/B - ENGLISH 12: MEDIA ANALYSIS

Length / Credit: Full Year / 1.0

Grade: 12

Prerequisite: None

Fees: N/A

Diploma Category: English 12

Notes:

This year-long course is an in-depth study of film as a medium of communication, entertainment, and artistic expression. The course is designed to equip students with a greater understanding of how to read film as text as well as to develop richness, clarity, and complexity in their writing. While the course will include elements of film theory and history, the primary focus of the class is analytical in nature. With that, students will study a variety of critical and literary theories and compose essays that serve as applications of these theories to film. This combination of the close reading of film, film theory, and literary criticism will provide a solid foundation for meaningful interpretation in the high school and beyond.

ENG480A/B - AP ENGLISH LITERATURE AND COMPOSITION

Length / Credit: Full Year / 1.0

Grade: 11, 12

Prerequisite: None

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: English 11 or English 12

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

Advanced Placement Literature and Composition is a year-long, college-level course that culminates with the AP Literature and Composition exam in the spring. Students will participate in reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students will engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

There are no prerequisite courses for AP English Literature and Composition. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.

ELL400A/B – ELL ENGLISH 12

Length / Credit: Full Year / 1.0

Grade: 12

Prerequisite: None

Fees: N/A

Diploma Category: English 12

Notes:

This class is designed to help develop the English language in an academic setting through a focus on reading, writing, speaking, and listening. Students will master the necessary language skills through various forms of listening and speaking: direct instruction, peer-to-peer exercises, teacher-student collaboration, and presentations. Reading and writing development is practiced daily, per student need and grade level, and aligns with both the Common Core State Standards and ELPS Standards. The expectation is that students can use texts like *Writing Analytically* to help develop analysis methods for novels and articles used to supplement this skill building. In the end, this course aims to provide an environment that supports and fosters student language growth based on individual English language needs.

SPL450A/B – LC ENGLISH 12

Length / Credit: Full Year / 1.0

Grade: 12

Prerequisite: None

Fees: N/A

Diploma Category: English 12

Notes:

This class is designed for students receiving Special Education services and will be targeted at individual learning goals. Reading and writing development is practiced daily, per student need and grade level, and align with the Common Core State Standards.



HEALTH – FITNESS

Health Education teaches our students that good health and safety principles can lead to a lifetime of healthy practices, resulting in more productive, active, and successful lives.

Physical education is an integral part of the educational process. Through a carefully planned instructional program and continuous re-evaluation, students will gain a variety of competencies and knowledge, which will contribute to their health and physical well-being.

HEA410 - HEALTH

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12 (recommended for 9th & 10th)

Diploma Category: Health

Total well-being—mentally, physically, and socially is what health is about. This course has been developed to help gain knowledge and learn behaviors that are essential to increase one's quality of life now as well as invest in future wellness. Topics include; mental and emotional health, nutrition, fitness, human sexuality, disease prevention, drug use, abuse and addiction, and first aid and CPR. The goal is to help students understand the choices they make every day and the consequences of those choices.

PLF200 - LIFE FITNESS (WALKING)

Length/Credit: Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Life Fitness and PE 9-12

The goal of this course is to improve personal fitness through a variety of walking, light jogging, body weight exercises, core strengthening, and stretching. Campus walks, neighborhood walks, power walking, orienteering, and various movement games will be included.

PLF235 - LIFE FITNESS (WEIGHT TRAINING)

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Life Fitness and PE 9-12

Students will acquire knowledge so that they can make informed decisions on a lifetime fitness program and the importance of maintaining a level of fitness. This course includes cardiovascular training, lectures/portfolios, resistance training, and weight training. This class includes activities designed to increase muscular strength/endurance, cardiovascular endurance, and flexibility. Activities will include jogging, body weight exercises, core strengthening, and stretching.

PLF240 - LIFE FITNESS (YOGA)

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Life Fitness and PE 9-12

Students will acquire knowledge so that they can make informed decisions on a lifetime fitness program and the importance of maintaining a level of fitness. Participation in Yoga is about creating balance in the body through developing both flexibility and strength. Yoga can lead to better overall physiological functioning throughout the body. The practice of Yoga can help a student become more mentally and emotionally centered. Students will increase their flexibility and strength and also gain a better understanding of the importance of fitness and having balance in their lives. This class includes activities designed to increase muscular strength/endurance, cardiovascular endurance, and flexibility. Activities will include jogging, body weight exercises, core strengthening, and stretching.

PPE225 - CHOICE PE

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: PE 9-12

Students will choose from two different physical education units every three weeks, for a total of six different units through the semester. Content: Emphasis is on rules, strategies, skills, and sportsmanship in competitive situations. Students pick their preferred activities from the following options: archery, golf, team sports (volleyball, basketball, ultimate Frisbee), indoor racquet sports (pickleball, badminton, ping pong), international sports (soccer, Gaelic football, rugby), dance, tennis, introduction to yoga, introduction to Cross Fitness, lawn/leisure games. Unit options depend upon student choice and are subject to change. Students will also participate in various cardiovascular activities, muscular strength, muscular endurance and flexibility as well. Strategies: This is a choice-based program that is co-taught. Students generally get a choice between a team sport and more of an individual or lifelong activity. There is something for everyone in this class.

PRS200 - RACKET SPORTS

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: PE 9-12

This class is an introduction to racket sports with an emphasis on basic skills, rules, and strategies. Badminton, pickle ball, ping pong as well as a few other racket/net games will be taught. Students will be involved in designing and playing various tournaments. This class will also include activities designed to increase muscular strength/endurance, cardiovascular endurance, and flexibility. Activities will include jogging, body weight exercises, core strengthening, and stretching.

PTS100 - TEAM SPORTS

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: PE 9-12

This class will offer students the opportunity to participate and improve their skills in a wide variety of team sports. Such activities may include basketball, flag football, floor hockey, soccer, softball, speedball, team handball, ultimate Frisbee, and volleyball. Curriculum will vary depending on the time of year and availability of facilities. This class will also include activities designed to increase muscular strength/endurance, cardiovascular endurance, and flexibility. Activities will include jogging, body weight exercises, core strengthening, and stretching.

PSM200 - SPORTS MEDICINE

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: PE 9-12

This is a classroom study of athletic injuries, their causes, prevention, and treatment. This introduction to the field of athletic training includes anatomy and athletic taping. Students will also participate in weekly physical activity. This class will also include activities designed to increase muscular strength/endurance, cardiovascular endurance, and flexibility. Activities will include jogging, body weight exercises, core strengthening, and stretching.

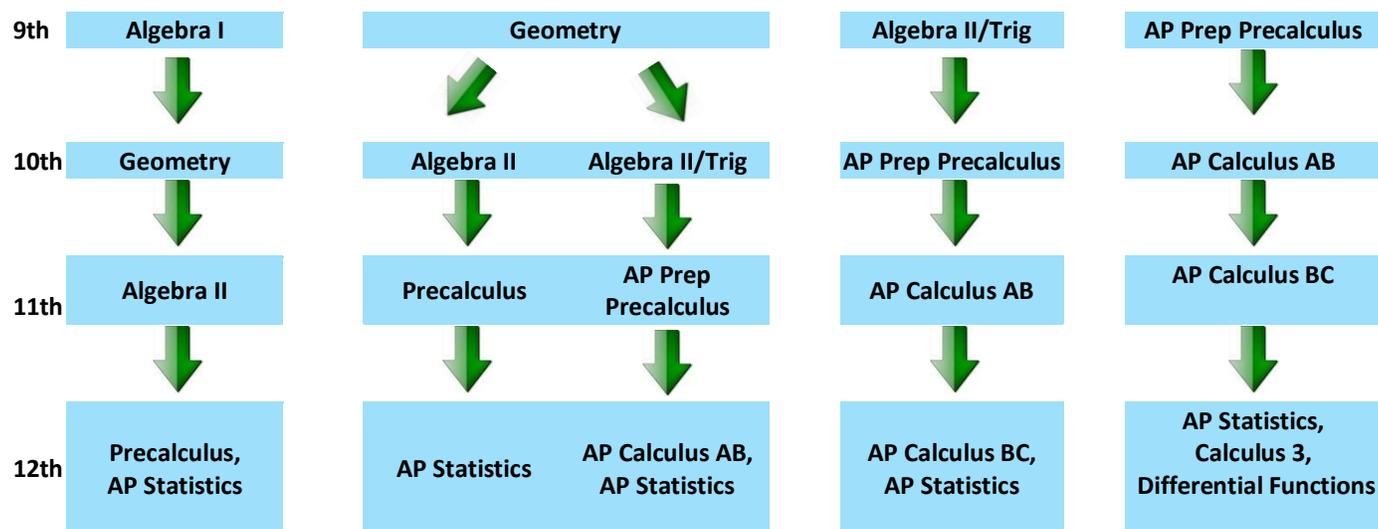


MATHEMATICS

TO REQUEST AN EXCEPTION TO A GRADE LEVEL OR PREREQUISITE REQUIREMENT, PLEASE COMPLETE AND SUBMIT THIS [REQUEST AN EXCEPTION FORM \(https://forms.gle/eJpmmac5MMR5Ujqz9\)](https://forms.gle/eJpmmac5MMR5Ujqz9).

Mathematics is a field that is growing at a rapid rate, spreading into new fields, creating new applications, and becoming increasingly crucial to each of our lives. To be prepared to understand and use mathematics, all students are encouraged to learn as much mathematics as possible. Students are required to take three years of high school math while in high school for graduation, and most universities recommend four years of mathematics.

High School Math Course Sequence



MAL100A/B - ALGEBRA I

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: None

Fees: None

Diploma Category: Algebra I

Notes: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed.

This course expands on the students' understanding of using arithmetic operations and properties to include the symbolic language of algebra. Students will formalize their understanding of functions with a focus on linear functions, quadratic functions, and exponential functions. Other topics that will be studied are writing equations to model linear equations, solving systems of linear equations and inequalities, solving quadratic equations with real roots, exponent laws and properties, and data analysis. Students will continue to develop problem solving, reasoning and proof, communication, and mathematical modeling skills aligned to the Standards for Mathematical Practice.

MGE100A/B - GEOMETRY

Length / Credit: Year Long / 1.0

Grade: 9-12

Prerequisite: Algebra I or Concurrent Enrollment in Algebra I

Fees: None

Diploma Category: Geometry

Notes: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed.

Students will build upon algebraic skills from Algebra 1 by applying them to new geometric concepts. Students will formalize their reasoning skills to write proofs built on definitions, axioms, and theorems. Students will study symbolic logic, parallel and perpendicular lines, triangle properties, quadrilateral properties, and properties of other polygons and circles. Other topics that will be studied are similar and congruent figures, right triangle trigonometry, coordinate geometry, geometric transformations, area, surface area and volume of three-dimensional figures.

MAL140A/B - ALGEBRA II

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: Algebra I and Geometry

Fees: None

Diploma Category: 3rd Credit of Math

Notes: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed.

Students will review, and expand, their understanding of number systems (complex numbers will be introduced) and will grow more proficient in their use of algebraic techniques. This course focuses on the study of functions: linear, quadratic, exponential, logarithmic, square root, cubic, and those involving inverse variation. Other topics that may be studied are combinations and permutations, probability, binomial theorem, measures of variability, and geometric and arithmetic sequences and series. This course meets the third year math requirement for high school graduation and college admission requirements.

MAL180A/B - ALGEBRA II/TRIGONOMETRY

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: Algebra I and Geometry

Fees: None

Diploma Category: 3rd Credit of Math

Notes: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed.

Students will expand their understanding of number systems to include complex numbers and will grow more proficient in their use of algebraic techniques. This course focuses on the study of functions: linear, absolute value, piecewise, quadratic, exponential, logarithmic, square and cube root, cubic, and those involving inverse variation and rational functions. Students will study periodic and trigonometric functions. This course meets the third-year math requirement for high school graduation and college admission requirements. This course will prepare students for Precalculus and Calculus. The breadth and depth are greater than that of the Algebra 2 course.

MPC100A/B – PRECALCULUS

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: Algebra II or Algebra II/Trigonometry

Fees: None

Diploma Category: 3rd Credit of Math or Algebra I

Notes: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed.

Students will continue to review, build and expand upon their understanding of functions and graphs. This course prepares students to advance their levels of analysis to include asymptotic behavior, domain restrictions, degree and factorization and it incorporates more advanced forms of mathematical symbology like interval notation. Trigonometry, quadratic, exponential, logarithmic, polynomial, rational, radical, power, and trigonometric functions is a major focus of this course.

MPC250A/B - AP PREP PRECALCULUS

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: Algebra II or Algebra II/Trigonometry

Fees: None

Diploma Category: 3rd Credit of Math, Geometry, or Algebra I

Notes: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed.

This course covers the Precalculus content with greater breadth and depth at a college level of rigor. Students will continue to build and expand upon their understanding of functions and equations to include quadratic, exponential, logarithmic, polynomial, rational, radical, power, and trigonometric functions. The purpose of this course is to prepare students for Calculus the following year. The breadth and depth of this course are greater than that of Precalculus.

MCA110A/B - AP CALCULUS AB

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: Precalculus or AP Prep Precalculus

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: 3rd Credit of Math, Geometry, or Algebra I

Notes: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed.

Students can choose the AP Program, or the Cascadia College in the High School program. The first semester of the course is equivalent to Math 151 (Differential Calculus). Both programs include a conceptual development, a formal development, and applications of basic differential and integral calculus. Emphasis is on process, problem solving, and clear communication of ideas and techniques. Students will have the option of taking the AP 'AB' Exam in the spring.

MCA111A/B - AP CALCULUS BC

Length / Credit: Full Year / 1.0

Grade: 10-12

Prerequisite: AP Calculus AB

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: 3rd Credit of Math, Geometry, or Algebra I

Notes: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed. Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

AP Calculus II is a course designed for students who have successfully completed Calculus I. The first semester of this course is equivalent to Math 152 (Integral Calculus). The curriculum builds on Calculus I and extends to cover a second quarter and part of a third quarter of college calculus. Topics of study may include advanced integration techniques and applications, functions of several variables, parametric and polar functions, sequences and series, and vectors in R² and R³.

MCA130A/B - AP STATISTICS

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: Algebra II or Algebra II/Trigonometry

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: 3rd Credit of Math, Geometry, or Algebra I

Notes: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed. Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

This course is designed to offer a continued study of quantitative thinking in the areas of statistics and probability. Throughout this course students will be introduced to the major concepts and tools for collecting and analyzing data as it relates to four conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. This course reflects the content of a typical introductory college level statistics course. This course may be taken concurrently with another mathematics course offering.

CHS157 - (MATH & 163) CALCULUS 3

Length / Credit: Semester / 1.0

Grade: 10, 11, 12

Prerequisite: AP Calculus BC

Fees: Students who choose to take this course for college credit must pay the college fee. Financial aid available, please see your counselor.

Diploma Category: 3rd Credit of Math, Geometry, or Algebra I

Notes: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed. College credits may be earned under the conditions of the College in the High School Program. See your counselor for information specific to your school.

This course is the third quarter of the four-quarter calculus sequence. Content includes infinite sequences and series, representation of functions as power series, vectors in two and three dimensions, differentiation, and integration of vector functions, functions of several variables, and partial derivatives with applications that include optimization, directional derivatives, and the gradient. Learners will continue to refine independent study skills, cooperative problem solving, logically correct and mathematically precise writing and thinking, and their ability to use geometric, symbolic, and analytic formats in presenting solutions to both abstract and real-world applications.

CHS158 - (MATH & 238) DIFFERENTIAL FUNCTIONS

Length / Credit: Semester / 1.0

Grade: 10, 11, 12

Prerequisite: (Math & 163) Calculus 3

Fees: Students who choose to take this course for college credit must pay the college fee. Financial aid available, please see your counselor. Financial aid available, please see your counselor.

Diploma Category: 3rd Credit of Math, Geometry, or Algebra I

Notes: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed. College credits may be earned under the conditions of the College in the High School Program. See your counselor for information specific to your school.

Students in this course will explore first- and second-order differential equations and utilize various methods including undetermined coefficients, variation of parameters, and Laplace transforms to solve these differential equations. Students will also investigate series solutions, numerical approaches, and matrix methods for systems of linear first-order differential equations. Emphasis will be placed on real world applications and technology will be integrated throughout the course.

SCIENCE

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Science promotes curiosity and a sense of wonder, encourages lifelong exploration, and provides a foundation for understanding the natural world. Science courses promote hands-on learning in an environment that fosters scientific inquiry. Through scientific investigation, students expand their knowledge to better understand and explain the phenomena they observe in the world around them.

SCB100A/B - BIOLOGY

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: None

Fees: None

Diploma Category: Lab Science or 3rd Credit of Science

Notes:

Biology is the study of the living world and our relationship to it. This course is aligned to the NGSS (WSSLS) high school performance expectations for life science and also integrates sustainability principles. As a result, the major disciplinary themes are: metabolism, behavior, genetics, evolution, ecology and sustainability. Students will engage in both science and engineering practices as they explore the themes and relate them to the cross-cutting concepts of science.

Biology concepts are frequently built upon real-world, anchoring phenomena or problems with inquiry-based questions. Students explore answers to science-based questions through collaborative lab work, simulations and practice activities, lectures and online resources.

SCB181A/B – PRE-AP BIO/CHEMISTRY

Length / Credit: Full Year / 1.0

Grade: 9

Prerequisite: Algebra II or concurrent enrollment in Algebra II

Fees: None

Diploma Category: Lab Science or 3rd Credit of Science

Notes:

This course is designed to give students interested in science and intending to take AP Biology and/or AP Chemistry the strong foundation in content and scientific practices necessary to succeed without taking two years of coursework to do so. The curriculum is aligned to the NGSS high school performance expectations for biology and chemistry and emphasizes experimental methodologies. Students will participate in developing scientific questions, plan and implement scientific investigations, analyze data, and formulate scientific explanations in this demanding and engaging course.

SCB180A/B - AP BIOLOGY

Length / Credit: Full Year / 1.0

Grade: 9 - 12

Prerequisite: Chemistry or Concurrent Enrollment in Chemistry

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: Lab Science or 3rd Credit of Science

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

Advanced Placement (AP) Biology is a year-long college level course designed to prepare students to do well on the AP Biology exam in the spring. Students cultivate their understanding of biology through inquiry-based investigations and hands-on science laboratory work as they explore topics like evolution, energetics, information storage and transfer, and system interactions.

Students will be able to describe how to collect data, use data to form conclusions, and apply their conclusions to larger biological concepts. Students will report recorded data and quantitative conclusions drawn from the data with appropriate precision. Students will also develop an understanding of how changes in the design of the experiments will impact the validity and accuracy of their results.

This course meets college entrance requirements for an algebra-based science.

SCB315A/B – BIOTECHNOLOGY

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisites: None

Fees: None

Diploma Category: Lab Science, 3rd Credit of Science, or Career & Technical Education.

Notes:

Biotechnology is a CTE course designed to teach and reinforce concepts fundamental to biology with a focus on current biotechnological research and modern laboratory technology. It is an exciting, but challenging course best suited for students who are seriously interested in pursuing careers in the medical or biotechnology fields. Students will learn how to use biotechnology equipment as they explore topics like: cancer, genetically modified organisms, world hunger, genetic engineering, bioethics, diseases and wildlife conservation. Students will also be exposed to career opportunities in the biotechnology and biomedical fields throughout the year. Students who take this course without having taken biology first should already have very strong study habits and be able to work independently. This course counts as both a science and CTE credit and will provide students who are in HOSA (Health Occupations Students of America) opportunities for extra event practice and help.

SCB316A/B - ADVANCED BIOTECHNOLOGY

Length / Credit: Full Year / 1.0

Grade: 10-12

Prerequisites: Biology or Biotechnology. Biotechnology is strongly recommended.

Fees: Students who choose to take this course for college credit must pay the college fee. Financial aid available, please see your counselor.

Diploma Category: Lab Science, 3rd Credit of Science, or Career & Technical Education

Notes: College credits may be earned under the conditions of the College in the High School Program. See your counselor for information specific to your school.

This course is a continuation of biotechnology, thus successful completion of biotechnology is a requirement for this class. The main focus of this course will be to continue to learn more biotechnology skills and apply those to independent and group research projects. In addition, students will work with mentors from the professional community to complete a culminating project that will be showcased at the annual BioExpo competition hosted by Shoreline Community College. A field trip to explore the University of Washington Medical Center (depending on space availability) and/or local Biotech laboratories will also take place during the year. Opportunities for event preparation for HOSA will also be available in this course.

SCC100A/B - CHEMISTRY

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: Algebra II or Algebra II/Trig or concurrent enrollment in Algebra II or Algebra II/Trig

Fees: None

Diploma Category: Lab Science or 3rd Credit of Science

Notes:

Chemistry is the study of matter and the chemical reactions between substances. This course is aligned to the NGSS (WSSLS) high school performance expectations for physical science that also integrates climate change. The major content of the course will center on the nature of matter and the changes it undergoes at the atomic level. Students will engage in both science and engineering practices as they learn about the content and relate them to the cross-cutting concepts of science.

Chemistry concepts are frequently built upon real-world, anchoring phenomena or problems with inquiry-based questions. Students explore answers to science-based questions through collaborative lab work, simulations and practice activities, lectures, and online resources.

SCC160A/B - AP CHEMISTRY

Length / Credit: Full Year / 1.0

Grade: 10-12

Prerequisite: Chemistry

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: Lab Science or 3rd Credit of Science

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

Advance Placement (AP) Chemistry is a year-long, introductory college-level course designed to prepare students for the AP Chemistry exam in the spring. Students will delve more deeply into the concepts covered in first-year chemistry. Students will cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

This class will encompass the same materials as covered in Chemistry 140-160 at the University of Washington (and most other college General Chemistry courses). The class will pick up where Chemistry left off, moving quickly into the application of equilibrium concepts to gaseous, ionic and acid-base systems.

SCP100A/B - PHYSICS

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: Algebra I

Fees: None

Diploma Category: Lab Science or 3rd Credit of Science

Notes:

This course is aligned to the NGSS (WSSLS) high school performance expectations for physical science and also integrates astronomy. The major content of the course will center on exploring motion, forces, energy and waves. Students will engage in both science and engineering practices as they learn about the content and relate them to the cross-cutting concepts of science.

Physics concepts are frequently built upon real-world, anchoring phenomena or problems with inquiry-based questions. Students explore answers to science-based questions through collaborative learning, simulations and practice activities, lectures, and online resources.

SCP181A/B - AP PHYSICS 1

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: Algebra II or Algebra II/Trig or Concurrent Enrollment in Algebra II or Algebra II/Trig

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: Lab Science or 3rd Credit of Science

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

Advanced Placement (AP) Physics 1 is the equivalent to a first-semester college course in algebra-based physics. This course is designed to prepare students for the AP Physics I exam in the spring.

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion. Students will engage in hands-on science labs and keep a lab notebook throughout the course.

SCP182A/B - AP PHYSICS 2

Length / Credit: Full Year / 1.0

Grade: 10-12

Prerequisite: AP Physics I or Physics

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: Lab Science, 3rd Credit of Science, or 3rd Credit of Math

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

Advanced Placement (AP) Physics 2 is the equivalent to a second-semester college course in algebra-based physics. This course prepares students for the AP Physics 2 exam for the spring.

Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics.

SCE200A/B - AP ENVIRONMENTAL SCIENCE

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: None

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: Lab Science or 3rd Credit of Science

Recommended: Successful completion of Algebra I and one year of science.

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

The class will provide students with an understanding of the scientific principles that govern interrelationships in the natural world. Important environmental issues will be explored and the comparative risks of known and potential problems will be evaluated. Specific focus on finding solutions to current and future challenges will be highlighted.

SCF200 - FORENSICS

Length / Credit: Semester / .5

Grades: 10, 11, 12

Prerequisite: None

Diploma Category: Lab Science, 3rd Credit of Science, or Career and Technical Education

Notes:

This hands-on course focuses on solving problems by using scientific thinking and skills to interpret forensic evidence at a crime scene. As such, basic principles from biology, chemistry, and physics will be used to illustrate the use of science to address real-world situations. The course includes the study of related issues such as rules of evidence and case studies of the use and misuse of forensic evidence.

VFS200 - FORENSICS (CTE)

Length / Credit: Semester / .5

Grades: 10, 11, 12

Prerequisite: None

Diploma Category: Lab Science, 3rd Credit of Science, or Career and Technical Education

Recommended: Forensics (SCF200)

Notes:

This hands-on course focuses on solving problems by using scientific thinking and skills to interpret forensic evidence at a crime scene. As such, basic principles from biology, chemistry, and physics will be used to illustrate the use of science to address real- world situations. The course includes the study of related issues such as rules of evidence and case studies of the use and misuse of forensic evidence.

SCM100A/B - MARINE BIOLOGY

Length / Credit: Full Year / 1.0

Grades: 10, 11, 12

Prerequisite: None

Diploma Category: Lab Science or 3rd Credit of Science

Notes:

This course explores marine biodiversity and how organisms have adapted to the physical and chemical processes of the oceans and each other. Current environmental and political issues that affect the health of the world's oceans and Puget Sound are also examined.

Content: Units include the composition of seawater, tides, currents and the types of marine habitats, oceanography, and human impacts. It also includes the classification, natural history, identification, and special adaptations of marine organisms. Students will practice observation skills, listening and reading comprehension, dissection, chart interpretation, data analysis, classification, and identification of specimens. Good attendance is required for lecture notes and laboratory work. Homework will include reading and summarizing articles, solving problems, completing class work, and Internet research. Students will learn to identify local species and tropical species at the Seattle Aquarium.

SCZ100 - ZOOLOGY

Length / Credit: Semester / .5

Grades: 10, 11, 12

Prerequisite: None

Diploma Category: Lab Science or 3rd Credit of Science

Fees: None

Notes:

This course explores the natural history of animals, concentrating on behavioral, ecological, and physiological adaptations of the major groups of animals, including Pacific Northwest species.

Content: Units include the natural history of the major groups of animals, taxonomy, survey of animal phyla, adaptations, the human use of and impact on animal resources, and extinction. Students will practice observation skills, listening and reading comprehension, dissection, data analysis, classification, and identification of specimens. Good attendance is required for lecture notes and laboratory work. Homework will include reading and summarizing articles, solving problems, completing class work, and Internet research. Students will also complete individual and group projects.

SCH200 - INTRODUCTION TO HUMAN ANATOMY

Length / Credit: Semester / .5

Grade: 10, 11, 12

Prerequisite: None

Fees: None

Diploma Category: Lab Science or 3rd Credit of Science

Notes:

This course is designed for students who are interested in careers working with and around the human body; such as medicine, cosmetology, healthcare support occupations, physical therapy, dentistry, chiropractic, fitness training, nursing, occupational therapy, massage therapy and sports medicine among others. The structure and function of the human body is the focus of study. Extensive labs and activities support concepts learned.

SCH300 - ADVANCED HUMAN ANATOMY

Length / Credit: Semester / .5

Grade: 10, 11, 12

Prerequisite: Introduction to Human Anatomy

Fees: None

Diploma Category: Career & Technical Education, Lab Science, or 3rd Credit of Science

Notes:

Advanced Human Anatomy is a semester class in which students will continue to learn about the different body systems, and how these systems work together to help an organism function and maintain homeostasis. Students will begin to connect systems together during in depth case studies and projects. Students will complete a variety of lab activities and dissections that will help them visualize and understand the structure and function of the systems. Students will also get to explore careers in the medical and health field with practical skills, research, and guest speakers.

SCI300 - SCIENCE OF THE REAL WORLD

Length / Credit: Semester / .5

Grade: 10, 11, 12

Prerequisite: Biology

Fees: None

Diploma Category: 3rd Credit of Science

Notes:

This course is a broad survey of a mixture of physical and life science with a focus on how science impacts the everyday lives of humans. This course will cover topics broadly and will emphasize the role that science plays in the everyday lives of humans as well as how humans impact the world around them. This course consists of 2 semester courses allowing students flexibility in how they meet their science credits. This course will be centered around the Next Generation Science Standards (NGSS) and will incorporate physical sciences such as physics and chemistry and life sciences such as biology and environmental science. This class will include inquiry, problem-solving, laboratory work, demonstrations, research-based projects, collaborative work and independent practice throughout the year.



SOCIAL STUDIES

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Social Studies education helps students understand the world, develop critical thinking and analytic skills, and become thoughtful and responsible citizens. Social Studies is the study of relationships among people and between people and the environment over time, and it helps students recognize the challenges and benefits of living in a diverse society. Based on appropriate investigations and reflections within social studies, students develop distinctive skills and a critical awareness of the human condition and emerging spatial patterns and the processes and events that shape them. The Social Studies curriculum builds the following capacities in young people: disciplinary knowledge; inquiry, interpersonal, and critical thinking skills; respect for the underlying values of a diverse democratic society; interest in public affairs and competencies of self-government. Each capacity contributes uniquely to a common understanding of responsible citizenship.

SSW125A/B - WORLD HISTORY

Length / Credit: Full Year / 1.0

Grade: 9, 10

Prerequisite: None

Fees: N/A

Diploma Category: World History

Notes:

Students will explore and analyze world events in this survey course spanning 1450-to the present. Major units of study include: Global expansion, the Age of Revolutions, international conflicts, the emergence and development of new nations, and the economic, technological, political, social, and geographic causes of change. These topics will be explored through the use of textbooks, primary source documents, scholarly readings, speeches, short stories, and political cartoons. The goal of the World History course is to prepare students to participate in a pluralistic, democratic society through understanding multiple perspectives, respecting various cultures, and recognizing their role in a global economy.

SSW205A/B - AP WORLD HISTORY

Length / Credit: Full Year / 1.0

Grade: 9 - 12

Prerequisite: None

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: World History

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

This is a college level yearlong course designed to develop a greater understanding of global history; the study of human interactions and their consequences throughout history. This class begins its study in 1200 CE and ends with an investigation of present-day global relations. This is a demanding course with a significant homework requirement.

SSM401A/B – AP EUROPEAN HISTORY

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: None

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: World History

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

Study will begin with the Renaissance, focus on major events and conclude with modern times. Because of the emphasis on preparation for the AP Exam and the resulting potential college credit, work levels will be more demanding and only motivated students should take this class. AP European History is an accelerated class that prepares the student to take the AP European History test in the spring. This is a demanding course with a significant homework requirement.

SSU300A/B - UNITED STATES HISTORY

Length / Credit: Full Year / 1.0

Grade: 11

Prerequisite: None

Fees: N/A

Diploma Category: US History

Notes:

This graduation requirement focuses on the US Constitution and the relationship of historical events to the political, social and economic ideas that have shaped our country since Industrialization including Since Time Immemorial Native American curriculum from OSPI. Students will learn to assess historical sources and to evaluate historical events through lectures, readings, class discussion, multimedia resources and project learning.

APH200A/B - AP UNITED STATES HISTORY

Length / Credit: Full Year / 1.0

Grade: 11

Prerequisite: None

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: US History

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

The AP Program in United States History is designed to provide students with analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. This program prepares students for immediate and advanced college courses by making demands upon them equivalent to those in full-year introductory college courses. This accelerated survey course will cover topics from the Age of Discovery to the present. This is a demanding course with a significant homework requirement.

SSC445 - CIVICS

Length / Credit: Semester / 0.5

Grade: 12

Prerequisite: None

Fees: N/A

Diploma Category: Civics

Notes:

Seniors are required to take a semester of civics. This course focuses on the study of political and economic issues at the local, state, tribal, and national level. Students will examine the Constitution, focusing on the structure of the government as well as the role of the individual within a democratic society.

Topics include:

- Federal, state, tribal, and local government organization and procedures.
- Rights and responsibilities of citizens addressed in the Washington State and US Constitutions.
- Current issues addressed at each level of government.
- Electoral issues, including elections, ballot measures, initiatives, and referendums.
- The study and completion of the civics component of the federally administered naturalization. test required of persons seeking to become naturalized US citizens.
- Recognizes the certain basic values and character traits essential to individual liberty, fulfillment, and happiness as identified by the State Legislature.

SSG445 – CONTEMPORARY WORLD PROBLEMS

Length / Credit: Semester / 0.5

Grade: 12

Prerequisite: None

Fees: N/A

Diploma Category: Contemporary World Problems

Notes:

Seniors are required to take Contemporary World Problems which is a one semester course that will emphasize the study of current, cultural, economic, environmental, political, and religious issues around the world. Topics include:

- International organizations, institutions, treaties, and frameworks.
- Current issues driving global events.
- The role of the US in a larger global context.

SSG422A/B - AP US GOVERNMENT & POLITICS

Length / Credit: Full Year / 1.0

Grade: 12

Prerequisite: None

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: .5 Civics & .5 Contemporary World Problems

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

This course provides both a study of broad, general concepts of the United States political system, as well as the analysis of specific case studies. Basic concepts include the Constitutional basis of the US Government, political ideals and behaviors, the political party system, institutions of the national government, public policy and civil rights/liberties. Emphasis is placed on critical thinking skills, essay writing and interpretation of original documents. This is a demanding course with a significant homework requirement.

CHS410A/B - INTRODUCTION TO GLOBAL STUDIES

Length / Credit: Full Year / 1.0

Grade: 12

Prerequisite: None

Fees: Students who choose to take this course for college credit must pay the college fee. Financial aid is available, please see your counselor.

Diploma Category: .5 Civics & .5 Contemporary World Problems

Notes: College credits may be earned under the conditions of the College in the High School Program. See your counselor for information specific to your school.

Global Studies is designed to expand students' understanding of the world we live in and the connection between people, place, and ideas in order to promote global citizenship. Students will develop the global competencies, skills, and understanding to make sense of the highly integrated and interdependent world we live in today. This course focuses on current events and geography, political, economic, and social/cultural analysis. Units of study include: Globalization/Trade, The Role of the State, Global Governance (United Nations, NGOs, International Law), Population, Climate Change, Human Rights, and Public Health.

SSE200 - ETHNIC STUDIES

Length / Credit: Semester / 0.5

Grade: 9, 10, 11, 12

Prerequisite: None

Fees: None

Diploma Category: Flexible Credit

Notes: None

Ethnic Studies examines cultural, economic, historical, political, and social aspects and experiences of ethnic groups, with a special emphasis on social justice through resistance, liberation, and healing. In this course, students center the cultures, histories, and experiences of historically minoritized groups as they critically analyze current issues influenced by systems of power and oppression. All students will cultivate a sense of belonging through humanizing learning experiences that affirm and validate their identities, intersectionalities, and communities, and honor that of the people around them, while also learning about the resilience and accomplishments of groups who have been silenced and excluded over time. Ethnic Studies aids students in transforming their lives by promoting healing and/by disrupting systems of oppression throughout history, by uplifting the ideals of civic action and community partnerships in solidarity with others, and by providing students with the tools to utilize their voice and agency within their communities and as global citizens.

SSA400A/B - AP ART HISTORY

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: None

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: Flexible

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

Advanced Placement Art History is a challenging and exciting course for students. The class is designed to introduce students to the understanding, appreciation, and enjoyment of works of art. The class study begins with the ancient world and continues through the current day. We will cover the development of artistic styles, major movements and figures, mediums and techniques, architecture, and make relevant historical connections.

APP100A/B - AP PSYCHOLOGY

Length / Credit: Full Year / 1.0

Grade: 9-12

Prerequisite: None

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Diploma Category: Flexible & Career and Technical Education

Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

The Advanced Placement Psychology course is designed to introduce students to the systematic and scientific study of human mental processes and behavior. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology (such as: history and approaches, research methods, biology and behavior, learning and cognition, developmental and abnormal psychology, and social psychology). Students will also learn about careers in psychology and the pathways to additional training. This course is equivalent to an introductory college course in psychology.



SPECIAL EDUCATION

Students in special education will participate in classes as determined in collaboration with their IEP team. Courses will be decided based upon a student's need for specially designed instruction. Students are also expected to meet all graduation requirements including full credits, state assessments, and high school and beyond plan. Some students may qualify for modifications in state assessments and modified credit expectations as noted on their IEPs.

GENERAL EDUCATION CLASSES WITH ACCOMMODATIONS

Special education students can participate in general education classes with accommodations. An accommodation is an adjustment to the learning environment or in the delivery of instruction. The difference is "how" we teach. Accommodations do not change the course expectations and are provided without impacting the course code for the class.

GENERAL EDUCATION CLASSES WITH MODIFICATIONS

Special education students can participate in general education classes with modifications. A modification is a change in what is expected from a student. The difference is in "what" we teach. It is altering the content, performance criteria, or instructional level. Modifications require a change in the course code and will no longer meet the college Hec B requirements.

LEARNING CENTER (LC) CLASSES

Learning Center classes are exclusively for students in special education. Learning Center courses replace general education core content classes in Math and Language Arts. These classes have combinations of altered content knowledge, conceptual difficulty, educational goals and instructional methods different than those applied in general education classes. These classes have special education course codes.

ACADEMIC LAB CLASSES

Academic Lab classes are exclusively for students in special education. These classes are designed to allow students to receive specially designed instruction as outlined on their IEPs including reading, writing, math, social skills, behavior, and study skills/organization.

CO-TEACHING CLASSES

Some schools offer co-taught classes. While there are varying co-teaching models these classes are generally taught by both a highly qualified general education teacher as well as a special education teacher in a specific subject area such as Science, Math, Language Arts, or Social Studies. If the special education student in this class has accommodations, they will have a general education course code. If they have modifications, they will have a special education course code.

ASPIRE PROGRAM

Some schools have specially designed behavior programs for students that require support in the areas of behavior, social skills and social-emotional needs. These programs are currently located at Canyon Park, Timbercrest, Northshore, Woodinville, Bothell, and Inglemoor. Courses offered in these programs are noted with special education course codes.

MID LEVEL (ML) CLASSES*

Mid-Level classes are exclusively for students in special education. These classes are designed for students with significant academic delays and possible cognitive and adaptive skill delays. These classes are meant to replace core content classes in Math and Language Arts. Students access alternative curriculums and smaller classes in order to gain knowledge and skills in these areas.

*Note on Science and Social Studies: Special education students need to participate in Science and Social Studies courses taught by Highly Qualified teachers and access the general education curriculum (can be modified). The only exceptions are students with intellectual impairments that will have IEP determined diploma requirements.

FUNCTIONAL SKILLS AND ACADEMICS (FSA) CLASSES

FSA classes are exclusively for students in special education. These classes are designed for students with intellectual impairments and delays in adaptive skills. These course focus on functional academics and life skills. Students access alternative curriculums and smaller classes in order to develop functional skills and independence.

THE ARTS

Through taking fine arts classes at Woodinville High School, students will develop visual or performance art skills and techniques. Within all the art classes, students' creativity will be enriched through exploring different topics and media within a collaborative classroom setting. We have a wide range of visual and performance art classes from which to choose.

PERFORMING ARTS

MUS350A/B - AP MUSIC THEORY

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Other Info: Students are encouraged to take the AP Music Theory exam in the spring for potential college credit.

The AP Music Theory class will be offered to all students who wish to further their understanding of reading music, as well as listening to music. This class focuses on music literacy, and goes in-depth on how the formulation of written music progressed throughout history. If you appreciate wonderful music, wish to become a better musician, or want to sign up for an AP class that involves listening to music, then this is the class for you. We will practice analyzing sheet music, reading musical notation, listening and responding to music, and even compose original music.

MUV120A/B - CONCERT VOICES

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Do you love to sing? Are you interested in the Performing Arts, but don't know where to start? Concert Voices is the place for you. This group of mixed voices (men and women, soprano/alto/tenor/bass) sings exciting music from all over the world, popular music, and traditional music throughout the year. Concert Voices includes students who have never sang before, and students that have been in choir for all four years of high school. There is no singing experience necessary. Students in Concert Voices start with learning how to read one melody of music, and quickly learn how to read four-part harmony. We travel to places like California, Canada, New York City, etc. and compete in competitions, go on rehearsal retreats, organize performing gigs, perform in concerts, and so much more. Concert Voices is open to all who want to learn how to better their singing voice.

MUV160A/B - BEL CANTO CHOIR

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Prerequisite: Informal voice check-in

Bel Canto is a group of high voices (sopranos and altos) who are highly skilled in vocal technique and musical ability. Bel Canto is a highly competitive group, and has the opportunity to travel and compete against other schools. This class introduces more complex musical practices like singing in four to eight-part harmony, sight-singing music, and being involved in many community performances. Bel Canto explores more diverse cultures, irregular and difficult rhythmic meters, and requires accurate vocal control. This group performs at all events that Concert Voices is involved in, as well as additional collegiate festivals, holiday gigs, assemblies, State Solo and Ensemble Contest, and more.

MUV220A/B - VARSITY VOICES

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: The Arts

Prerequisite: Informal voice check-in

Varsity Voices is a blend between solo voice lessons, a vocal a cappella group, and a traditional choir. These students will be featured in solo concerts, singing popular music from various decades, genres, and styles. The Varsity Voices will have the opportunity of singing music of their own choice in solos, duets, trios, etc. Have you sung in a vocal group or choir before, but want to showcase your solo voice more often? Even if you have never sung in a school group before, you can audition to be in the Varsity Voices. This group gets students involved in eight-part harmony, explores every genre from Renaissance to hip-hop, and reads music at a high pace. Varsity Voices performs at concerts with Bel Canto and Concert Voices, but also presents solo acts at Open Mic Nights, the NSD Holiday Luncheon, the Fairmont Hotel in downtown Seattle, and more! If you have interest in being featured as one of Woodinville High School's featured soloists, as well as singing alongside some other awesome musicians in this class, please meet with the teacher for an audition.

MUB100A/B - SYMPHONIC BAND

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Prerequisite: Experience on a wind instrument or by teacher permission

Symphonic Band is designed to provide students with an introduction to high school level wind band literature. Students will develop performing skills through the exploration of a wide variety of exciting repertoire including marching, concert, and chamber music. Symphonic Band performs at all school concerts, Northlake League band festivals, Solo & Ensemble, sporting/pep events, and other festivals that may involve evening and weekend performances.

MUP300A/B - PERCUSSION ENSEMBLE

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Emphasis is on the uniqueness of percussion performance (Concert and Marching) as well as developing individual musical maturity, responsibility, and proficiency on percussion instruments. The beginning of the year will focus on skills related to the marching band percussion section. The focus will then shift towards the role of the percussion section in band, as well as the development of percussion ensembles. Attendance is required for all events that involve Marching Band, Concert Band, Pep Band, and Percussion Ensemble. The Percussion Ensemble performs at all school concerts, Northlake League band festivals, Solo & Ensemble, and other festivals that may involve evening and weekend performances.

MUB300A/B - WIND ENSEMBLE

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: The Arts

Prerequisite: By audition only

Wind Ensemble is Woodinville High School's premiere wind band. In this class, students will be challenged with engaging and diverse music experiences including marching band, wind band literature, and pep band. This course is designed to develop advanced performing skills and performs at all school concerts, Northlake League band festivals, Solo & Ensemble, sporting/pep events, and other festivals that may involve evening and weekend performances.

MUO100A/B - STRING ENSEMBLE

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Prerequisite: Experience on an orchestra string instrument or by teacher permission

In String Ensemble, string students are introduced to exciting new music that challenges them as a stepping stone towards Chamber Orchestra. Performing skills are developed through playing a variety of string repertoire ranging from classical to modern styles in both string and full orchestra settings. String Orchestra performs at all school concerts, Northlake League orchestra festivals, Solo & Ensemble, and other festivals that may involve evening and weekend performances.

MUO150A/B - CHAMBER ORCHESTRA

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: The Arts

Prerequisite: By audition only (audition in spring)

Chamber Orchestra is the premiere string orchestra at WHS. The class develops advanced performing skills through a wide variety of fun and challenging musical literature, including both string orchestra and full orchestra pieces. Chamber Orchestra performs at all school concerts, Northlake League orchestra festivals, Solo & Ensemble, and other festivals that may involve evening and weekend performances.

VMU200A/B - JAZZ INDUSTRIES

Length/Credit: Full Year /1 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts, Career & Technical Education

Prerequisite: By audition only. Must be concurrently enrolled in the school's band, orchestra or choral large ensemble class.

Jazz Ensemble is a course designed to explore and develop skills in the ever-expanding genre of jazz music. Students will have the opportunity to play exciting music ranging from traditional big band swing to Latin, funk, and even rock styles. This class will also develop critical musical skills such as ear training, improvisation, and basic music theory. Jazz Ensemble performs at all school concerts, Northlake League jazz festivals, and other festivals that may involve evening and weekend performances.

MUG110 - GUITAR

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

This course is designed to teach students the fundamentals of the guitar. Students will learn the basics of guitar playing such as chords, finger picking, and tuning. In conjunction with learning how to play, students will learn how to read chord charts and analyze tabs through popular songs. Learn your favorite music, all styles welcome. This course is for all students, no prior music experience necessary.

MUG155 - ADVANCED GUITAR

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Prerequisite: Students must have completed Guitar 1 or have permission from instructor to enter class.

This course is a continuation of the basic skills learned in Guitar 1. Students will continue to learn the fundamentals of the guitar and start to learn improvisation and solo techniques. Songs taught will be of a higher skill level. Students may also start writing their own riffs and chord progressions.

MUP200 - PIANO LAB

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

This class is for the student who wants to learn to play the piano. It will include keyboard skills as well as a theory component to enable students to understand the elements of reading music. Grading is based upon daily participation and playing, and written tests.

MUP250 – ADVANCED PIANO LAB

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Prerequisite: Piano Lab

This class is for students who have taken at least one semester of piano at WHS or have taken at least one year of private piano lessons. This class is not for beginners. Grading is based upon daily participation, playing, and written tests.

MUS120 – DIGITAL MUSIC PRODUCTION

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts, Career & Technical Education

This course is designed for students who love music. New technologies now allow students to express themselves in ways that are not achieved in traditional ensembles. In this class, students will create, produce, and record digital music of all styles and genres using GarageBand on iPads. Through a creative, project-based curriculum, students will utilize loops, drum machines and smart instruments in order to produce music for film and video games, design jingles for commercials, write original songs and beats, etc. This entry-level course provides a foundation to a potential career in the modern music world. No prerequisite or prior music experience necessary.

MUS220 – ADVANCED DIGITAL MUSIC PRODUCTION

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts, Career & Technical Education

Prerequisite: Digital Music Production

The second course of Digital Music Production - this course will have longer form projects, more collaborative projects, and take a deeper dive into music writing. A heavier emphasis will be placed on chordal knowledge and use of melodies.

THEATRICAL ARTS

DRA135 - INTRODUCTION TO THEATRE

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11

Diploma Category: The Arts

This class is designed to lay the foundation for acting by developing skills in movement, improvisation, and character development.

DRA235 - INTERMEDIATE ACTING

Length/Credit: One Semester/.5 Credit

Grades: 10, 11, 12

Diploma Category: The Arts

Intermediate Acting will encourage students to think and work creatively in both individual and ensemble projects. The course focuses on stage acting, and the scene work for this class will be pulled from a diverse range of cultural and historical resources allowing the student to experience many forms of the dramatic arts. Intermediate Acting is a perfect follow-up to Introduction to Theatre or for students who have already had some theatre experience. Students may repeat Intermediate Acting.

DRA335 - ADVANCED ACTING

Length/Credit: One Semester/.5 Credit

Grades: 11, 12

Diploma Category: The Arts

Prerequisite: Audition required

In Advanced Acting students will learn the combination of skills that are necessary to create and present a variety of stage productions that include monologues, one-acts, and stage plays. This course is for actors involved in the presentation of various school play performances during the year. Students may repeat Advanced Acting.

DRA300 - TECHNICAL THEATRE

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts, Career & Technical Education

This course will teach design principles and construction techniques to be used in a hands-on approach to production. Students will be involved in various aspects of backstage work for school productions. Students may repeat Technical Theatre.

DRA305 – ADVANCED TECHNICAL THEATRE

Length/Credit: One Semester/.5 Credit

Grades: 10, 11, 12

Diploma Category: The Arts, Career & Technical Education

Prerequisite: At least one semester of Technical Theatre

A continuation of the work of Technical Theatre, with a focus on depth and breadth of knowledge. Students will take leadership roles in group work, and crew head responsibilities. Areas of study include scenic construction and design, lighting design, audio design, costume construction and design, and scenic rigging. Students are expected to work backstage during at least one production during each semester.

VISUAL ARTS

Through taking visual arts classes at Woodinville High School, students will develop and strengthen their abilities to successfully use a wide variety of media, deepen their understanding of how the visual arts affect our world, be introduced to an exciting range of current and past artists who have made a powerful impact on humanity and, of course, develop the skills to communicate visually throughout a variety of mediums.

ART115 - BEGINNING ART

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

No experience necessary. This beginning course is a great place to start learning drawing skills and introduces students to the principles of successful design. Students will have fun exploring a wide variety of materials including pencil, pen-and-ink, color pencil, pastel, mixed media and watercolor through hands-on experience.

AIA100 - INTERMEDIATE ART

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Prerequisite: Beginning Art

Beginning art or a portfolio review by WHS art teachers is recommended. Intermediate Art is for the student who would like to continue to develop their abilities and expand their interest in art. Projects are designed to build and expand student's drawing and design skills while developing their creativity and personal expression through the use of color in a variety of media, which may include painting with acrylic and watercolor, charcoal, conte, mixed media, printmaking, 3-D design, oil pastel, and chalk pastel.

AAA150A/B - ADVANCED ART

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Prerequisite: Intermediate Art

This yearlong course is designed for students who have taken Beginning and/or Intermediate Art and want to develop an art portfolio. In a supportive environment, students will engage with peers and teacher to investigate and develop personal style and expression. Assignments will include work from life, imagination and personal expression. Learn to express yourself visually!

ACE100 - CERAMICS

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

This course is designed to introduce students to the amazing world of Ceramics. Come build many functional and decorative pieces with clay, as you grow your hand building skills and understanding of how to apply color to clay through glazing. All levels are welcome and will be supported! It is recommended to sign up for level 1 first semester and Advanced Ceramics second semester of the same year.

ACE150 - ADVANCED CERAMICS

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Prerequisite: Ceramics

Continue your journey in clay with Advanced Ceramics. Using knowledge of techniques learned in Beginning Ceramics, students will expand their sculpting capabilities through creative challenges that will continue to grow their understanding of clay as an artistic and functional media. If you've been wanting to work on the potter's wheel, this is your chance! Ceramics is a prerequisite to this course. This course may be repeated as many times as you like! You will be taught new skills and given new challenges based on your continued skill development.

APA150A/B - AP STUDIO ART

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: The Arts

Prerequisite(s): Advanced Art or Art Teacher permission required with presentation of Art Portfolio

Other Info: Students submit a portfolio for evaluation in the spring.

The AP Studio Art program makes it possible for highly motivated high school students to do college-level artwork. During this yearlong course, each student will prepare and submit a portfolio of 15 works for evaluation at the end of the school year by the AP College Board. AP Studio teaches the development of concepts, composition, and drawing techniques to create a portfolio for college entrance. A Sustained Investigation of works based on the student's individual interest in a particular area, and focuses on the process of investigation, growth, and discovery. Students will focus on the 2-D portfolio options incorporating media such as Drawing, Painting, Collage, Printmaking, and Mixed Media Artwork. This class may be repeated multiple times.

APA155A/B - AP STUDIO ART: 2-D Design Portfolio

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: The Arts

Prerequisite(s): AP Studio Art Drawing, Advanced Art or Art Teacher permission required with presentation of Art Portfolio
Other Info: Students submit a portfolio for evaluation in the spring.

This yearlong course is designed for the serious art student who is interested in the pursuit of college level artistic development and in art as a possible career. AP Studio Art: 2-D Design is an intensive investigation of art concepts, media, and techniques after completing the AP Studio Art: Drawing Portfolio (and optionally after taking Advanced Art). This class will offer students the opportunity to further master their skills in communicating concepts visually, developing their artistic voice, creating strong compositions and increasing techniques in various art media that emphasize the effective utilization of the Principles of Art and Design. Students will submit a portfolio of 15 works to the College Board in the spring which emphasizes an innovative Sustained Investigation of work that showcases a variety of diverse artmaking techniques.

AGD100 – GRAPHIC DESIGN

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Learn modern graphic design principles and techniques. Course uses basic Adobe Photoshop and Adobe Illustrator. Projects include: type layout, logo design, poster design, book/album design, marketing materials, product redesign, pattern design and others. Focus on developing an aesthetic sensibility, and studying other work by famous designers.

AMD100 - METAL DESIGN

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Students will have the opportunity to develop and apply successful design skills to make small scale metal artworks in the form of jewelry and occasionally small-scale sculpture using brass, copper, and nickel. Through hands-on experience students will learn how to drill, saw, file, solder, and polish metals. This engaging class will challenge and develop your design and problem-solving skills. It is recommended to sign up for Advanced Metal Design for second semester if you would like to continue developing your skills.

AMD150 - ADVANCED METAL DESIGN

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Prerequisite: Metal Design

Students who have taken Beginning Metal Design will continue to learn and explore more advanced metalsmithing techniques. Skills could include bezel setting stones, lost wax casting, riveting, and enameling among many other skills. Through hands-on and collaborative work students will have the opportunity for more personal expression and open-ended designs. This course may be repeated multiple times! Skills and challenges will grow with the students' capabilities as they repeat this course. It is recommended to take this course directly after taking level 1 Metal Design.

APH100 - PHOTOGRAPHY

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Other Info: It is recommended that each student provides their own manually adjustable digital camera

Do you like to take pictures? In this class you will: 1) Learn how to use an adjustable camera with shutter speed and aperture settings to take quality photos without a flash, and 2) Learn how to see through the lens creatively to take artistic photos, not just snapshots. Students should be prepared to spend out-of-class time shooting their photos. The opportunity to use film and print in the darkroom is also available. (Schools without access to darkrooms will focus on digital photography.)

APH150 - ADVANCED PHOTOGRAPHY

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Prerequisite: Photography

Other Info: It is recommended that each student provides their own manually adjustable digital camera.

Advanced Photography is offered to students who have had the beginning class and are enthusiastic about spending more time doing photography. Assignments will focus on learning new techniques and improving technical skills, as well as special effects.

ASG100 - STAINED GLASS

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Learn the ancient and contemporary skills of designing and constructing glass windows and decorations. Lead and copper foil techniques for assembling glass projects will be emphasized. Students will use their design skills to plan and assemble required projects. Glass fusing and slumping will be introduced.

ASG150 - ADVANCED STAINED GLASS

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

Prerequisite: Stained Glass

More glass artists live in the greater Seattle area than any other place across the globe. This class is offered as an extension of Stained Glass. The instructor will emphasize the artistic approach of using glass as a means for personal expression. Techniques will include fusing, slumping, glass painting, etching, mosaics, lead construction, copper foil, and glass combing.



WORLD LANGUAGES

World Language is an academic, college preparatory program requiring a considerable amount of home study and a positive attitude to succeed. Northshore School District offers advanced courses in select languages at the International Baccalaureate, Advanced Placement, and College in The High School level. If a student does not complete two years of a foreign language as a part of their graduation requirements, they will then need to complete two PPR (Personalized Pathway) courses. Completion of two years of one foreign language sequence may be required for entrance into four-year colleges/universities. Many universities recommend at least three years of language study.

1ST YEAR LANGUAGE

Heritage speakers and students coming from the dual language program at Woodin Elementary may be able to start above the 100 level, depending on their language skills.

WLF100A/B - FRENCH 100

WLG100A/B - GERMAN 100

WLJ100A/B - JAPANESE 100

WLS100A/B - SPANISH 100

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11

Diploma Category: Flexible Credit

A beginning course to introduce the basics of the language, as well as the culture, through simulated real-life situations, music, games, storytelling, and other activities. The goal for year-end will be that students have gained a working vocabulary and grammar basis to facilitate communication in the language. Skills emphasized will be: listening, oral communication, reading and writing.

WLX100A/B - AMERICAN SIGN LANGUAGE 100

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11

Diploma Category: Career & Technical Education, CTE Dual Credit Offering

Other Info: Up to 5 college credits available

This college-level course, ASL 100, is the complex and natural existing language used by the Deaf. ASL 100 will introduce students to this visual / gestural language and to the Deaf community. In this class students will learn vocabulary and the grammar of ASL through natural everyday conversation, situations, and activities. Classrooms operate in large and small group settings and often in full immersion. Students must be able to maintain eye contact and be visually focused, as well as have the ability to work regularly with recording devices (by uploading and downloading media) for portfolio purposes. College credit is granted to those who earn the grade of "B" or above.

2ND YEAR LANGUAGE

WLF200A/B - FRENCH 200

WLG200A/B - GERMAN 200

WLJ200A/B - JAPANESE 200

WLS200A/B - SPANISH 200

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: Flexible Credit

Prerequisite: Completion of the 100-level course of the selected language

In these second-year courses, students will expand their knowledge and fluency of the language by increasing their vocabulary base and expanding their ability to read and write in the language. The goal for the year-end will be that students have expanded their conversation skills, grammar, reading, and writing skills to an intermediate level. Skills emphasized will be listening, reading, and writing, as well as oral communication.

WLX200A/B - AMERICAN SIGN LANGUAGE 200

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: Career & Technical Education, CTE Dual Credit Offering

Prerequisite: Completion of ASL 100

Other Info: Up to 5 college credits available

ASL 200 expands on vocabulary, deepens complex grammatical understanding, functional application, Deaf history, culture, and community. Second year will focus more on classifiers, use of spatial referencing, role-shifting, signer's point of view, verb inflections, and the Greater Deaf community (agencies serving the Deaf/Hard-of-Hearing). Using dialogues and narratives while continuing their virtual portfolios students will grow in their fluency, prosody, and confidence. College credit is granted to those who earn the grade of "B" or above.

3RD YEAR LANGUAGE

WLS300A/B - SPANISH 300

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: Flexible Credit

Prerequisite: Completion of the 200-level course of the selected language

In this third-year course, students will be engaged in a variety of activities to develop skills in their ability to understand what they hear, read, write, and speak in Spanish. Games, newspaper articles, daily conversations, focused grammar practice, audio and video sources, and projects are used to encourage learning. The class is conducted in a semi-immersion environment and the students are encouraged to employ the language as much as possible. The goal for year-end will be that students will have developed a basic communicative proficiency in the language.

WLX300A/B - AMERICAN SIGN LANGUAGE 300

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: Career & Technical Education

Prerequisite: Completion of the ASL 200

ASL 300 continues vocabulary and grammatical structure of the language with storytelling, narratives, and dialogues. While continuing an exposure to Deaf history, culture, and community, students will also explore Deaf folklore, current events and Deaf-related topics, Deaf-Blind community, mock interpreting simulations, poetry, iconic art, and careers with ASL. College credit is granted to those who earn the grade of "B" or above.

WLJ300A/B - JAPANESE 300

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: Flexible Credit

Prerequisite: Completion of the 200-level course of the selected language

Other Info: University of Washington college credit available.

In this third-year course, students will be engaged in a variety of activities to develop skills in every aspect of the language. Short stories, skits and role-playing, poems, magazine and newspaper articles, audio and video sources are used to encourage learning. The class is conducted in an immersion environment and the students are encouraged to employ the language as much as possible. The goal for year end will be that students will have developed a basic proficiency in the language.

CHS806A/B – (FRENCH 103) ELEMENTARY FRENCH (French 350)

CHS817A/B – (GERMAN 103) FIRST-YEAR GERMAN (German 350)

CHS829A/B – (JAPAN 103) FIRST-YEAR JAPANESE (Japanese 350)

CHS836A/B – (SPAN 103) ELEMENTARY SPANISH (Spanish 350)

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: Flexible Credit

Prerequisite: Completion of the 200-level course of the selected language

The University of Washington, as part of their College in the High School programs, will offer their 103-level course as a third-year language course option. After paying the class tuition and successfully completing the course, freshmen, sophomores, juniors, and seniors may earn 5 UW credits transferable to most 4-year colleges in the nation. Students may take the class without paying for UW tuition if they do not wish to earn university credit. These courses all entail the exclusive use of the studied language in the classroom with an emphasis on communication skills, interactive presentation of grammar, and daily practice outside of class.

4TH YEAR LANGUAGE

WLF410A/B - AP FRENCH

WLG450A/B - AP GERMAN

WLS410A/B - AP SPANISH

WLJ500A/B - AP JAPANESE

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: Flexible Credit

Prerequisite: Completion of the 350-level course of the selected language

Other Info: Students are encouraged to take the AP French Language & Culture, or AP German Language & Culture, AP Japanese Language & Culture or AP Spanish Language & Culture exam in the spring for potential college credit.

The AP curriculum focuses on interpersonal, interpretive, and presentational skills about global topics in French, German, Japanese, or Spanish. Students will be prepared for success on the AP exam in May and overall fluency in the respective language. Each class is conducted entirely in French, German, Japanese, or Spanish. The five Cs of language learning (Communication, Connections, Cultures, Comparisons, and Communities) will be practiced regularly as students become familiar with the six themes of the AP Language and Culture course. The themes are as follows: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Students' language skills will be ameliorated by writing regularly in a variety of formats, participating in class and small group discussions, listening to French, German, Japanese, or Spanish-language music and news stories and reading texts from the French, German, Japanese, or Spanish-speaking world.

5TH YEAR LANGUAGE

WLS500A/B - SPANISH 500

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: Flexible Credit

Prerequisite: Completion of Spanish 400

In this fifth-year course, students will build on their knowledge of advanced grammar, communication, and culture in a total immersion environment. By reading novels, short stories and current events, engaging in discussions, studying Hispanic art, watching film, developing and implementing lessons for dual language students at Woodin Elementary, and having video chats with high school students from other Spanish-speaking countries, students will be able to apply their advanced skills to the real world while making comparisons from their own cultures, to those in the Spanish-speaking world.



GENERAL INFORMATION

SCHEDULE CHANGE POLICY

It is critical that the choices made by students during registration are considered to be final. Courses that are offered and staffing for the following year are based on the choices students make during the registration process.

- Schedule changes may be made on a limited basis for the following reasons:
- A graduation requirement must be added.
- A student does not have the skills to continue in a yearlong class.
- Administrative withdrawal is requested.
- Incomplete Schedule
- Duplicate classes/obvious errors
- IEP/ELL placement issues
- Any schedule change that does not meet these criteria is subject to administrative approval.

Semester course changes may be allowed within the first 10 days of a term without penalty. Changes after the 10th day may be considered when extenuating circumstances exist. After the tenth (10th) day, courses dropped will be graded "F". Yearlong classes will not be dropped at any time during the year unless there are extenuating circumstances approved by the principal. Yearlong classes are exactly that: Yearlong. Students will not be granted permission to withdraw from a class unless they do not have the skills to continue. The student must attend summer school or make an alternative arrangement in order to meet graduation requirements.

WAIVER OF GRADUATION REQUIREMENTS

Policy for Exemption from Physical Education (PE) Portion (1.0 credit) of the Health & Fitness Requirement (2.0 credits)

Schools shall emphasize the worth of physical education, and carry into effect physical education requirements, provided that individual students may be exempted from participating in physical education that otherwise is required on account of physical disability, employment or religious belief, or because of participation in school-directed athletics or military science and tactics, or for other good cause (Washington State Law).

Health and Fitness requirements:

- .50 credit of Life Fitness
- 1.0 credit of PE 9-12
- .50 credit of Health

Life Fitness and Health cannot be waived with sports waivers or course exemptions.

Northshore School District Procedure

Parent(s) must submit a written request for exemption from the physical education (PE) portion of the Health and Fitness requirements to the building administrator or his/her designee; the request may be granted for the reasons stated in the law set forth below:

1. Students participating in high school athletic programs may waive up to 1.00 credit of PE 9-12 through sports participation. Each athletic season = .25 credit waiver. Life Fitness and Health cannot be waived through athletic participation.
2. Students exempted from PE 9-12 requirement must substitute equivalency credits in accordance with NSD school board policies (see Page 9 for graduation requirements).
3. Students in grade 9 may postpone PE 9-12 requirements until grades 10-12.
4. Students may request an exemption from PE for medical reasons. Medical exemptions must be verified by a physician.
5. No Health and Fitness exemption will be granted for Running Start students.
6. Other just cause.

FEES

In accordance with state law, the school district will provide each student with the materials and supplies necessary to learn the basic skills taught in their classes. However, many students desire to extend their creativity and educational experiences beyond the basics and many students wish to keep the projects they make in school. In these cases, special materials may be purchased at school, when available (project purchase fee), or brought from home or other sources. Other optional expenses associated with high school include: ASB membership, yearbook, school pictures, parking hanger, graduation supplies, etc. Fee waivers and reductions shall be granted for students whose families by reason of their income would have difficulty paying the full fee.

FINES

It is the student's responsibility to monitor the safekeeping of books, materials, and equipment issued by the school. A student shall be responsible for the cost of replacing materials or property that are lost or damaged. In the event the student does not make proper restitution (or discharge the fine/charge through voluntary work obligation) the following may occur (per school board policy 3520):

- The student may be held out of participation in extracurricular activities, including athletics.
- Parking hangers may be withheld.
- The student may have prepaid goods purchased from the district withheld including, but not limited to yearbooks, pictures, and optional graduation supplies.
- The student may be held out of participation in optional school activities including dances and excursions.
- The student may be held out of optional graduation ceremonies.
- The student may be subject to other appropriate discipline.

ATHLETIC ELIGIBILITY

The following criteria are required for a student to participate in high school athletics:

1. Be a resident of Northshore School District in the Woodinville High School service area, or on an approved waiver, and living with parent/guardian.
2. Be enrolled in and passing a minimum of six (6) subjects.
3. Fall athletes must have passed 6 classes at the end of the previous spring semester.
4. Students will be required to earn a minimum 2.0 GPA for the previous semester in order to achieve interscholastic eligibility.
 1. In the fall, an incoming 9th grade student is not required to meet the 2.0 GPA requirement from the previous semester.
5. Complete a Final Forms registration.
6. Have a current physical examination on file in the athletic office. Physicals are good for 2 years from the exam date.
7. Provide insurance company information or purchase insurance.
8. Purchase an ASB membership.
9. Participation fee must be paid within the first two weeks of participation. If the sport makes cuts, the fee is due after the athlete has made the team but within the first two weeks.
10. Fines must be paid.

NCAA FRESHMAN ATHLETIC ELIGIBILITY

Students wishing to participate in college athletics at any level must meet certain minimum requirements. These requirements are specified by the NCAA Eligibility Center. Separate application to the NCAA is required before any scholarship or athletic recruitment can take place. It is the responsibility of each student to meet the requirements. For more information, visit the NCAA Eligibility Center website at www.ncaaclearinghouse.net or contact your counselor in the Counseling Department.

OFF-CAMPUS LEARNING

DISTRICT SATELLITE COURSES

BEGINNING AUTO TECHNOLOGY

Length/Credit: Full Year/3 Credits

Grades: Beginning: 10, 11, 12

Location: BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)

Prerequisite: Application, interview and acceptance

Fees: Required: Join Skills USA ~ \$16

Optional: Personalized shop shirts ~ 2 / \$40

Diploma Category: Career & Tech Education, CTE Dual Credit Offering, Lab Science OR 3rd Credit Science

Other Info: Up to 26 Pacific NW college credits available if a grade of B or better is earned.

ADVANCED AUTO TECHNOLOGY

Length/Credit: Full Year/3 Credits

Grades: 11, 12

Location: BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)

Prerequisite: Application, interview & acceptance

Fees: Required: Join Skills USA ~ \$16

Optional: Personalized shop shirts ~ 2 / \$40

Diploma Category: Career & Tech Education, CTE Dual Credit Offering, Lab Science OR 3rd Credit Science; English 11 OR 12

Other Info: Up to 26 Pacific NW college credits available if a grade of B or better is earned.

Designed as a one, two or three-year course of study, each program meets 3 periods a day for the entire year. This gives students a “real world” experience of an automotive career, including a significant amount of vehicle diagnosis, maintenance and repair.

The Morning Auto Tech program is open to 11th grade students who have previously taken auto shop and 12th grade students. The Afternoon Auto Tech program is open to first year 10th and 11th grade students.

- Students learn to work individually and in small groups.
- Student’s progress at their own rate.
- Juniors can participate in paid, manufacturer-sponsored summer internships
- Scholarship opportunities through competitions

AVIATION: INTRODUCTION TO FLIGHT

Length/Credit: Full Year/1.0 Credit

Grades: 11, 12

Prerequisite: Application & Acceptance

Location: NORTH CREEK HIGH SCHOOL (Satellite program – open to all NSD students)

Diploma Category: Career & Technical Education

Aviation: Introduction to Flight is an exploratory course into the aviation careers. Come learn the principles of flight, aircraft and aircraft systems, flight environment, meteorology, radio communications, flight planning, aircraft performance, navigation and more. The curriculum used in this course will prepare any student to take the FAA private pilot written exam.

BAKING & PASTRY ARTS

Length/Credit: Full Year/3.0 Credits

Grades: 11, 12

Location: BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)

Prerequisite: Application & Acceptance

Fees/Special Materials: Uniform & Food Handlers Permit

Diploma Category: Career & Tech Education, CTE Dual Credit Offering, Lab Science OR 3rd Credit Science

Other: Up to 9 Pacific NW College Credits available when grade of B or better is earned; Scholarships available

In this advanced course, students will learn the baking techniques of mixing, shaping, folding and baking while exploring the science and math behind baking. Students will learn how to successfully make quick breads, decorated cakes, pies, mousses, sauces, custards, frozen desserts, cookies, and confections. Plated Desserts, international baked foods, yeast dough and chocolate and sugar work will be explored in this year long course. Students will learn in a well-equipped, industry standard kitchen to prepare food for student presentations, school functions and community service events. This course includes classroom instruction and practical lab work in a commercial kitchen.

Note: A practical and written exam will be administered as part of this program.

CAREERS IN EDUCATION

Length/Credit: Full Year/2.0 credits

Grades: 11, 12

Prerequisite: Application and acceptance

Location: BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)

Diploma Category: Career & Technical Education

Other Info: Up to 5 Pacific NW College Credits available when grade of B or better is earned; Child Care STARS license offered.

If you've ever considered a career in education as a teacher, counselor, or an administrator, the Teaching Academy will give you the total teaching experience. Students will gain experience in understanding the learner, schools, teachers and teaching, as well as exploring pathways to the future. The class includes working in an elementary district classroom 3 or 4 days per week where students expand and apply their knowledge during an internship experience in an elementary or middle school. As an intern, you will experience the inner workings of the classroom, school and district, while performing duties such as tutoring, grading, supervising and eventually teaching.

CONSTRUCTION ACADEMY

Length/Credit: Full Year/2.0 Credits

Grades: 10, 11, 12

Prerequisite: Application and acceptance

Location: BOTHELL HIGH SCHOOL (Satellite Program – open to all NSD students)

Recommended: Successful completion of previous introductory course in woods, metals, welding, or manufacturing

Diploma Category: Career & Technical Education or Geometry

The Construction Academy program is designed to provide students with the technical skills necessary for entry-level trades positions and includes a strong emphasis on jobsite safety. This course also focuses on developing professionalism and highly employable traits and characteristics, providing students skills necessary in all aspects of industry, including customer service and technical writing. Skills and knowledge are cultivated using hands-on activities, project-based learning, field trips, and guest speakers to meet rigorous academic and industry standards. Students will participate in all aspects of building a structure, including planning, blueprint reading, floor, wall and roof systems, electrical, plumbing, and interior finishes. Students will also gain insight into the different pathways within the construction industry and the different career opportunities associated with each pathway

CULINARY ARTS

Length/Credit: Full Year/2.0 Credits

Grades: 10, 11, 12

Location: BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)

Prerequisite: Application & Acceptance

Fees/Special Materials: Uniform & Food Handlers Permit

Diploma Category: Career & Tech Education, CTE Dual Credit Offering, Lab Science OR 3rd Year Science

Other Info: Up to 9 Pacific NW College Credits available when grade of B or better is earned; Scholarships & Certifications available.

This Satellite class is offered to district students who are interested in learning restaurant industry secrets and standards. Students will learn hands on industry experience through food preparation, entry level baking (cookies, quick breads, cakes), cooking methods (grilling, sauté, stir fry) & techniques (knife skills, presentation, service, garnishing). To enhance their culinary experience students will have the opportunity to develop tastes and flavors, try new foods and grow varying ingredients in the class run garden. Students will explore culinary careers in the food industry, work with industry professionals, tour food establishments and work with college culinary programs. Culinary Arts is where you learn how to have a successful future career in the food industry!

Note: A practical and written exam will be administered as part of this program.

IB DESIGN TECHNOLOGY SL

Length/Credit: Full Year/1.0 Credit

Grades: 11, 12

Location: INGLEMoor HIGH SCHOOL (Satellite program – open to all NSD students)

Prerequisite: Application & Acceptance

Diploma Category: Career & Tech Education, CTE Dual Credit Offering, Lab Science OR 3rd Credit Science

Other Info: 5 Pacific NW College Credits available when grade of B or better is earned.

This project-based course provides students with an exploration of the process and tools used in industrial (products) design including an in-depth look at human factors and ergonomics, CAD/CAM, material science and sustainable design. Individual portfolios will be developed based on class projects.

IB DESIGN TECHNOLOGY HL

Length/Credit: Full Year/1.0 Credit

Grades: 12

Location: INGLEMoor HIGH SCHOOL (Satellite program – open to all NSD students)

Prerequisite: Application and acceptance; Successful completion or concurrent enrollment in IB Design Technology

Diploma Category: Career & Tech Education, CTE Dual Credit Offering, Lab Science OR 3rd Credit Science

Other Info: 5 Pacific NW College Credits available when grade of B or better is earned.

Building upon the experiences and content of IB Design Technology SL, this problem-based course takes an in-depth look at human-centered design, sustainable development and commercial manufacturing. Through a series of college-level projects (product design, building design/urban planning and graphic design), individual portfolios will be developed for college applications. College credit available through both the University of Washington and Cascadia College.

INTERMEDIATE DATA PROGRAMMING

Length/Credit: Full Year/1.0 Credit

Grades: 11, 12

Prerequisite: Application & Acceptance – Completion of UW Computer Science 142 or 143 or AP Computer Science A

Location: NORTH CREEK HIGH SCHOOL (Satellite Program – open to all NSD students)

Diploma Category: Career & Technical Education

This advanced, yearlong CHS course will offer students the ability to get UW in the High School credit (4) as it follows the UW CSE 163 curriculum. Students will spend the first part of the course learning Python with an emphasis on class structure, reading files, data structures (lists, dictionaries, sets and data frames) and data analysis. Students will learn code complexity and how to efficiently work with different types of data: tabular, text, images, geo-spatial. The class will use an ecosystem of data science tools including Jupyter Notebook and various data science libraries including scikit image, scikit learn, and Pandas data frames which will be leveraged to execute data visualization, Machine Learning and data analysis.

SPORTS MEDICINE & ATHLETIC TRAINING

Length/Credit: Full Year/1.0 Credit

Grades: 10, 11, 12

Location: BOTHELL HIGH SCHOOL (Satellite Program – open to all NSD students)

Prerequisite: Application and acceptance

Diploma Category: Career & Technical Education

Other Info: 15 Pacific NW College Credits available when grade of B or better is earned.

Students in this course develop and apply skills connected to different careers within the field of sports medicine and athletic training. The course is structured with both classroom and applied learning/internship components working under the supervision of the certified athletic trainer with high school sports teams. The standards for this course are based upon the National Athletic Trainers Association's six domains of responsibility/education, and the Career & Technical Education Therapeutic and Sports Medicine competencies strands.

ADVANCED SPORTS MEDICINE & ATHLETIC TRAINING

Length/Credit: Full Year/1.0 Credit

Grades: 11, 12

Location: BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)

Prerequisite: Application and acceptance

Diploma Category: Career & Technical Education

Other Info: 10 Pacific NW College Credits available when grade of B or better is earned.

This course builds on Beginning Sports Medicine/Athletic Training as students will focus more on how to evaluate and rehabilitate specific sports injuries. They will also learn about the psychological aspects of sports injury, sports nutrition, and sport pharmacology. Students enrolled are required to obtain 60 hours of athletic training experience and complete a clinical internship at a local healthcare facility (hospital, physical therapy clinic, high school, college or professional training room, massage therapy clinic, chiropractic clinic, fire department, fitness center, dental office or dietician/nutrition center). Students will also participate in the Washington Career & Technical Sports Medicine State competition held in the spring.

WANIC

WASHINGTON NETWORK FOR INNOVATIVE CAREERS

Northeast King County Skill Center serving high school students from these districts:

Bellevue ~ Everett ~ Issaquah ~ Lake Washington ~ Northshore ~ Riverview ~ Snoqualmie Valley

How to enroll:

1. Find out details about course offerings at <https://wanic.lwsd.org>
2. Complete an application online
3. Review your credits and schedule with your Counselor; obtain approval to enroll
4. Receive an email confirmation of your enrollment
5. Contact Counselor with questions
6. WANIC Summer Academy information is available at <https://wanic.lwsd.org> in March

RUNNING START

Running Start is a program for juniors and seniors who want to earn college credits while in high school. To be eligible for participation in the Running Start program, the entering student must have junior standing and have earned at least 10 credits.

Approved courses taken through Running Start at any community or technical college can earn both high school and college credit. Only those courses numbering 100 or higher at the colleges are eligible for both high school and college credit. Students may enroll full or part-time in Running Start classes. The number of funded Running Start classes is determined by the number of enrolled high school classes and may not exceed 1.2 total FTE. (Refer to the chart below). The dates of college quarters and the high school semesters do not always match. When high school and Running Start classes overlap in January and March due to new college quarters beginning, students are expected to attend all high school courses. **High school courses take precedence over Running Start courses at the college during this overlap.**

Running Start is not designed as a place for students to make up credit deficiencies. Northshore School District pays the tuition, while students pay for books and fees. Students must provide their own transportation to the college. If a student drops a class, it is his/her responsibility to immediately notify the high school registrar and counselor of the dropped class. Students must officially drop the class through the college. At the college, students will be enrolled in regular classes with adult students where attendance is not taken and students are responsible for their own actions and participation. Running Start students are responsible for monitoring their own progress towards graduation and keeping informed of school activities and deadlines.

High School Classes	RS College Level Credits
None or 1 class	15 credits
2 classes	13 credits
3 classes	11 credits
4 classes	10 credits
5 classes	6 credits
6 classes	4 credits
7 classes	3 credits

COLLEGE COURSEWORK

Each college and university makes its own decisions with regards to awarding credit and placement for College in The High School, Advanced Placement, and International Baccalaureate courses. Most institutions have a written policy that state minimum score requirements for college credit as well as how credits are applied. It is highly recommended that you check with the specific institution of your choice to learn more about how college credit can be earned and applied.

ADVANCED PLACEMENT (AP)

The Advanced Placement program is a cooperative educational endeavor between secondary schools, colleges and universities. Challenging and complex subject matter across a wide spectrum of subject areas is presented in a discussion, lecture and testing format. These classes offer college level content and possible college credit while students are still in high school.

AP Quick Facts

- College credit is available for examinations successfully taken in high school.
- Exempts students from some introductory college courses, thus permitting students to move more quickly into advanced classes.
- Motivates students to attempt more challenging courses in both high school and college.
- Develops the analytical and study skills required to succeed in college courses.
- Reduces college costs and time to obtain a degree.
- Provides direction in selecting college majors.
- Learn more at <https://ap.collegeboard.org> or <https://advancesinap.collegeboard.org/ap-capstone>

COLLEGE IN THE HIGH SCHOOL (CHS)

Students have the opportunity to earn college credit in approved high school courses. Students may take the course for high school credit only, choosing not to pay the college/ university fee. Students who choose to take the course for college/university credit, must pay the college/university fee and meet all content requirements in addition to high school course content. Students paying for college /university credit will automatically start an official transcript with the college/university regardless of student performance in the course. College credit earned upon successful completion of a program course may count only as elective credit if transferred to another institution of higher education. Specific information regarding the credit provider and fees will be provided by the class instructor. Contact your counselor for financial assistance options and more information.

There is no fee for students to enroll in a CHS or co-delivered dual credit course that includes CHS to earn only high school credit. Fees apply for students who choose to enroll in a CHS course to earn both high school and college credit. Fees are different depending on the course and college partner. For specifics on the course fees, please see your high school College In The High School instructor. NOTE: paying for College In The High School credit automatically starts an official college transcript with the institution offering the course which will include your (student) performance. In addition, college credit earned may count as elective or academic credit depending on the receiving college's transfer credit policies.

2021-22 Current fees per school (*subject to change for 2022-23*)

UW: \$66.00 per credit plus 1 time registration fee of \$45.00

EWU: \$65 per credit

Everett CC: \$220 per 5 credit course

Cascadia: \$215 per 5 credit course

Edmonds: \$215 per 5 credit course

For a thorough explanation of the dual credit guidelines, please check out this OSPI link:

<http://www.k12.wa.us/DualCredit/default.aspx>

In addition, the following webpage can provide students information on how WA State colleges apply the AP test scores:

http://readyssetgrad.org/rsg_cred_wiz/form

CTE DUAL CREDIT

Students enrolled in a CTE Dual Credit (formerly known as Tech Prep) approved course can earn college credit while in high school. CTE Dual Credit courses are those linked to local technical and community colleges as part of the NSD supported Pacific NW College Credit program. These courses are aligned with Career Pathways that connect to Professional/Technical, AA and/or a Transfer Degree Programs of Study currently offered at the awarding college.

High school students become eligible to earn community/technical college credit for their specific high school courses by:

- Being enrolled in an articulated CTE Dual Credit class
- Registering for CTE Dual Credit program while enrolled in the course at <https://www.pnwcollegecredit.org>.
- Paying the consortium fee (Cost may be subject to change) at <https://www.pnwcollegecredit.org>.
- Completing their CTE Dual Credit high school courses with a B grade or higher

Courses for which CTE Dual Credit is available are noted with CTE Dual Credit Offering on the diploma category line. Additional information about approved CTE Dual Credit programs is available from course instructors, our Career & College Counselor, at PNWcollegecredit.org, or by emailing info@PNWcollegecredit.org.



COLLEGE & CAREER CENTER RESOURCES

The College & Career Center is a unique and valuable area within the Woodinville High School Counseling Department. Open to all students and parents, the College & Career Center provides many resources to aid in the exploration of career and postsecondary education. Software, websites, and printed and audiovisual materials are available on topics ranging from personal assessments to career exploration to college selection.

<p>Naviance</p>	<p>Naviance is a web-based college and career program that is designed to assess students' personalities, learning style, interests, and strengths, explore careers, college majors, post-secondary opportunities, scholarships, and apply to colleges effectively and efficiently. Naviance also allows the school's counseling offices to submit transcripts, secondary school reports, and communicate effectively to students and parents about college visits, scholarship opportunities, and more. Students can access their individual accounts through the Clever portal.</p> <p>Naviance is where the High School and Beyond Plan tasks are located. The High School and Beyond Plan is a graduation requirement all students must complete.</p>
<p>Visits by College Representatives</p>	<p>College admission representatives visit high schools in the fall and during the school year to make presentations to interested students. They introduce their school and answer students' questions.</p>
<p>Visits by Armed Services Personnel</p>	<p>Recruiters from all the military services are available during their visits or at students' request. ROTC and service academy representatives visit in the fall and spring to assist students in applying for these programs. Visits are during student lunches.</p>
<p>Scholarship Information</p>	<p>Scholarship information is available on the WHS Counseling webpage under College Resources. Students may reach out to the College and Career Counselor to inquire about scholarships.</p>
<p>Community Service and Volunteer Opportunities</p>	<p>Community service and volunteer opportunities are available on the WHS Counseling webpage under Career Resources. Students may reach out to the College and Career Counselor to inquire about community service and volunteer opportunities.</p>
<p>SAT and ACT</p>	<p>Information for college admissions tests are available. Please reach out to your counselor.</p>
<p>Career Interest Assessment</p>	<p>Career interest surveys are available for students through Naviance.</p>
<p>ASVAB Aptitude Test</p>	<p>This nationally recognized aptitude test is offered to interested students. Please contact the College and Career Counselor for more information.</p>
<p>Computer Work</p>	<p>Computers are available in the College and Career Center for students to use for researching post-secondary education programs, scholarship searches, job application materials and/or class assignments.</p>

GLOSSARY

KEY TERMS/ABBREVIATIONS

ACT: One of the two commonly used tests designed to assess high school students' general educational development and their ability to complete college-level work.

AP: Advanced Placement Program provides college-level courses available to high school students which may allow a student to earn college credit provided through the College Board

AP Capstone™: An innovative diploma program from the College Board that equips students with the, independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions. AP Capstone is comprised of two AP courses — AP Seminar and AP Research — and is designed to complement and enhance the discipline-specific study in other AP courses.

ASB: Associated Student Body

ASL: American Sign Language

C&CR: Career & College Readiness

CHS: College in the High School Program

CPR: Cardiopulmonary resuscitation

DECA: Delta Epsilon Chi and Distributive Education Clubs of America prepares student leaders and entrepreneurs for careers in marketing, finance, hospitality and management in high schools and colleges around the globe.

ELL: English Language Learners

IEP: Individualized Education Program, an IEP is the legal document that defines a child's special education program.

JAVA: Software development program for computer systems fundamentals

NCAA: National Collegiate Athletic Association. The association organizes the athletic programs of numerous colleges and universities

RS: Running Start is a program that allows juniors and seniors to attend college courses numbered 100 or above, while completing high school.

SAT: One of the two commonly used tests designed to assess high school students' general educational development and their ability to complete college-level work.

WANIC: Washington Network for Innovative Careers provide advanced-level Career and Technical Education programs based on rigorous academic and industry standards, preparing students for post-secondary education and successful entry into high-skill, high-demand careers and employment.

WHS: Woodinville High School

