

BOTHELL HIGH SCHOOL

Build Belong Become



2023-2024 School Year Course Catalog

Grades 9 to 12

**Northshore
School District**



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Welcome to Bothell High School Home of the Cougars

Since 1908 we have had a presence in the greater Bothell community and have worked with great diligence to provide broad, challenging and stimulating opportunities for students. Our belief is that your educational experience is best planned by thinking about where you are now and where you would like to be upon graduation.

We encourage you to make thoughtful selections, challenge yourself, and plan for your life after high school as you spend four years with us. Please consider your goals and read this catalog carefully so you will get the most out of your time here at Bothell High School.

Our intent is to offer as many programs and courses based on student interest, as identified by the registration process. Due to staffing constraints and budget issues, we may not be able to offer all courses listed in this publication.

It is also our desire that you leave Bothell High School with the tools to be a successful individual ready for your future. Please make choices that will help you on this road to success!



BOTHELL HIGH SCHOOL MISSION STATEMENT

A place where connections are made.

INTRODUCTION

This book 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 & CAREER 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.

If you cannot find answers you need or if you would like to have individual help in planning your course of study, please contact the counseling office at 425-408-7019 or schedule a [counseling appointment](#).

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CREDITS

Credit is obtained by attaining a passing grade in a regularly scheduled course. Students earn 0.5 credit for each semester course. **All students are responsible for reviewing and monitoring progress toward graduation.** Students and parents may access graduation summaries through [StudentVUE](#) and [ParentVUE](#). Seniors should confer 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 courses must be pre-approved to be placed on the transcript.

DIPLOMA REQUIREMENTS FOR GRADUATION

24
CREDITS

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

17
CORE
CREDITS

Core Credits

Courses necessary for every graduate to be college and career ready



3
PPR
CREDITS

Personalized Pathway Requirements (PPR)

Classes that further students' own interests and align with each student's High School and Beyond Plan



4
ELECTIVE
CREDITS

Elective Credits

Exploratory classes of interest

24
TOTAL
CREDITS

College & Career Ready Credits

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

Diploma Requirements for the Class of 2024 and beyond

The following credits and subject areas of study shall be required by each candidate for graduation

24 Total Credits Core Content Areas	Diploma Category Specific Requirements	Credit Amount	Typical Grade Course Taken
4 English Credits	English 9	1	9
	English 10	1	10
	English 11	1	11
	English 12	1	12
3 Mathematics Credits	Algebra 1	1	unspecified
	Geometry 1	1	unspecified
	3 rd Credit of Math (based on student interest; supports post-secondary plan)	1	unspecified
3 Science Credits	Lab Science	2	9 & 10
	3 rd Credit of Science (based on student interest; supports post-secondary plan)	1	11 or 12
3 Social Studies Credits	World History	1	9 or 10
	U.S. History	1	11
	Contemporary World Problems	.5	12
	Civics	.5	12
2 Health & Fitness Credits	Physical Education	1	unspecified
	Health	.5	9 or 10
	Life Fitness	.5	9 or 10
1 Career & Technical Ed Credit	Career & Technical Education	1	unspecified
1 Art Credit	The Arts	1	unspecified
7 Flexible Credits	Courses chosen based on student interest; supports post-secondary plan. NSD encourages two world language courses as universities require a minimum of two credits of the same language. (See CADRS, page 5)	7	unspecified

Northshore students are encouraged to complete two dual credit courses in any of the above subject areas. Dual credit courses allow eligible high school students to earn both college and high school credit in a single course. These courses can be both academic and technical courses and include Advanced Placement, College in the High School, Pacific NW College Credit and/or Running Start.

DIPLOMA REQUIREMENTS FOR GRADUATION

Non-Credit Diploma Requirements

These three non-credit bearing requirements must also be met to earn a diploma

1. Complete Washington State History (typically taken in middle school)
2. Complete the High School & Beyond Plan
3. Complete a [Graduation Pathway](#) (formerly SBAC assessment) aligned with the High School & Beyond Plan. Students must demonstrate readiness for a meaningful first step after high school by meeting one or a combination of the following pathways to show content mastery in both English Language Arts and Mathematics:
 1. State Assessment: Meet or exceed the graduation scores in the Smarter Balanced Assessments (SBA) in English Language Arts (ELA) and Mathematics.
 2. AP/IB/Cambridge: For both ELA and math, earn a 3 or higher on certain Advanced Placement (AP) exams or a 4 or higher on certain International Baccalaureate (IB) exams or an E on certain Cambridge International exams, or pass the course with at least a C+.
 3. Dual Credit: Earn at least one high school credit in ELA and at least one high school credit in math in dual credit courses (Running Start, College in the High School, and/or Career and Technical Education dual credit courses).
 4. Transition Courses: Pass a transition course in ELA and math (a Bridge to College course) which allows students to place directly into a credit-bearing college level course.
 5. SAT/ACT: Meet or exceed the graduation scores set by the State Board of Education in the math and ELA portions of the SAT or ACT.
 6. Combination: Meet any combination of at least one ELA and one math option for those options listed in 1-5.
 7. Armed Services Vocational Aptitude Battery (ASVAB) test: Meet standard on the ASVAB by scoring at least the minimum established by the military for eligibility to serve in a branch of the armed services. *
 8. Career and Technical Education (CTE) course sequence: Complete a 2-credit sequence of Career and Technical Education courses. *

*Note: students who pursue the ASVAB or CTE pathway do not need to meet English and math requirements separately. English and math content are embedded in both pathways – a student who meets either the ASVAB standard or the CTE pathway requirements has met the graduation pathway requirement.

Please visit the State Board of Education website for specific information:

<https://www.sbe.wa.gov/our-work/graduation-pathway-options>

Career & Technical Education 2 Credit Course Sequence

A student may meet their graduation pathway option by completing a **2-credit** sequence of CTE courses in the same area. This chart shows the five CTE areas and qualifying classes within that sequence. Credit amounts for each course can be found in the [BHS Course Catalog](#).

<u>Business & Marketing</u> Beg. Accounting Adv. Accounting Beg. Comp. Applications Intro to Business Microsoft Applications Intro to Marketing Advanced Marketing Fashion Merchandising Business Management Personal Finance Retail Operation Sports Entertain. Mkt. Web Design	<u>Health Science Services</u> Intro to Human Anatomy Sports Med. Training Adv. Sports Med Training	<u>Human Services</u> Personal Finance Food & Nutrition Independent Living Lifespan Psych. AP Psych. Baking & Pastry Arts Culinary Arts Adv. Culinary Arts Careers in Education Adv. Careers in Educ. Amer. Sign Lang. 1 Amer. Sign Lang. 2 Amer. Sign Lang. 3 Amer. Sign Lang. 4	<u>Skilled & Technical</u> Beg. Auto Tech. Adv. Auto Tech. Metal Fabrication Wood Tech. Composites Engineer Construction Trades	<u>STEM</u> PLTW Intro Engineering Design PLTW Princip. Of Engineering Intro to Robotics Adv. Programming Topics 1 Adv. Programming Topics 2 Adv. Projects in Comp Science AP Computer Science A AP Computer Science Principles
<u>Off-Campus WANIC courses:</u> CISCO Networking (NHS)	<u>Off-Campus WANIC courses:</u> Dental Careers (LWIT) Health Science Careers (WHS & LWIT) Medical Careers (LWIT)	<u>Off-Campus WANIC courses:</u> Interior Design (JHS) Criminal Justice (SHS)	<u>Off-Campus WANIC courses:</u> Art/Animation Acad. (DigiPen) Music/Sound Design (DigiPen) Video Game Program. (DigiPen) Fire & EMS (LWIT) Welding (WHS) Aviation (NCHS)	<u>Off-Campus WANIC courses:</u> IB Design Tech (IHS) Intermediate Data Programming (NCHS) CISCO Network (NHS)

COLLEGE & CAREER CENTER RESOURCES

MINIMUM COLLEGE ADMISSIONS STANDARDS

The Higher Education Coordinating Board (HECB) has responsibility to “Establish minimum admissions standards for four-year institutions”. College Academic Distribution Requirements (CADRs) refer to college admissions criteria established by the HECB. Courses meeting CADR are determined by the school district and noted on the transcript with the ‘B’ designation. Students who plan to attend a four-year college or university should be aware of both high school graduation requirements **and** CADRs.

Freshman Admission Policy

This overview of freshmen admission requirements applies to all applicants to the public four-year colleges who enter directly from high school, including Running Start and other dual credit earning students. Freshman applicants must meet minimum college admission standards.

- CADR (College Academic Distribution Requirements)
- 2.0 Minimum Grade Point Average
- Official SAT / ACT test scores sent directly to the college or university
 - Many schools switched to “test optional” for the 2022-23 school year, check with your colleges of interest for more information

CADR & Admission Standards:

CADRs reflect the minimum number of credits required in six subject areas that students must earn to be eligible for routine admission consideration by four-year public baccalaureate institutions. Meeting the minimum college admission standards does not guarantee admission to a public baccalaureate institution. Therefore, students are encouraged to go beyond meeting minimum college admissions standards to improve their chances for gaining entry to a public baccalaureate institution. Students should obtain admission information from the institution they wish to attend.

Comprehensive Review of Applications for Admissions:

Currently each of the public baccalaureate institutions employs a comprehensive or holistic review process for at least a portion of their applicants. Holistic review is an additional means of ensuring student access. In cases where students do not meet the minimum college admission standards, the policy provides for alternative admission policies which may be more appropriate for certain students. Each student is encouraged to contact the admissions office of the institution they wish to attend if they have questions.

COLLEGE ACADEMIC DISTRIBUTION REQUIREMENTS (CADRs)

The minimum college admission standards for four-year institutions include three components:

1. Maintain a GPA of 2.0 or higher.
2. Take the SAT or ACT and have the scores sent directly to colleges. (Note: Although this is in the CADR language at the state level it is not always true for the class of 2023. Due to the COVID pandemic, most colleges have declared they will be test optional or test blind for the Class of 2023. Check with your college for details).
3. Complete the college academic distribution requirements below. Students can meet these requirements through high school or college coursework.

Take a college admissions exam (ACT or SAT) and have the scores sent directly to the college if required by their admissions department. Many schools have switched to “test optional” for the 2022-23 school year. (Check with your colleges of interest).

4 credits of English

- Must include 3 credits of college preparatory coursework, including literature and composition.
- May include Bridge to College English.
- May include 1 credit of elective English. Examples: creative writing, English as a Second Language (ESL), public speaking, debate, or business English.

Not accepted: Remedial or applied courses, acting, basic English skills, developmental reading, library, newspaper staff, vocabulary, yearbook or annual. ESL courses will only count as 1 elective English credit. ESL courses include both high school and college English courses taken in countries where English is not the primary language of instruction.

3 credits of Mathematics

Must include 1 of the following 2 options:

- 1 credit each of Algebra I, Geometry, and Algebra II (intermediate algebra).
- 3 credits of Integrated Math (Integrated Math I, II, and III).

Note: Successful completion of math beyond Algebra II or Integrated Math III meets both the math and senior year quantitative credit requirements. Not accepted for 3 math credits: philosophy, bridge to college math, logic, statistics, or computer science.

(CONTINUED ON NEXT PAGE)

Senior Year Math Based Quantitative Course

This requirement can be met by taking one of the following:

- 1 credit of math equal to or beyond one of the three required math credits.
- Quantitative course such as: statistics, advanced level of applied math, or math-based career and technical courses.
- Algebra-based science course. Examples: chemistry, physics, or other science courses that incorporate knowledge of algebra.
- AP computer science course A
- Bridge to College mathematics

Note: Successful completion of math beyond Algebra II or Integrated Math III, prior to senior year, meets both the math and senior year quantitative credit requirements. Examples: Pre-Calculus and beyond.

3 credits of Science

- 2 credits must be laboratory science.
- 1 credit must be earned in an algebra-based science course.
- 1 credit must be earned in biology, chemistry, or physics.

Some courses may fulfill more than one science requirement, and if taken in the senior year, may also fulfill the senior year math-based quantitative requirement (any algebra-based science course).

2 credits of World Language

Must be in the same world language, Native American language, or American Sign Language. Credits earned in middle school may satisfy this requirement if they are considered high school-level and indicated as such on the high school transcript. Credits earned through competency assessments may satisfy this requirement.

This requirement will be considered satisfied for applicants who complete their education through the 7th grade in a school or schools where English was not the language of instruction and in countries other than Australia, Canada, Ireland, New Zealand, the UK or the US.

3 credits of Social Science

3 credits are required in history or any of the social sciences. Examples: world history, US history, anthropology, contemporary world problems, economics, geography, government, political science, psychology, or sociology. Not accepted: courses in religion, consumer economics, student government, or community service.

1 credit of Art

Must be satisfied with either of the following two options:

- 1 credit in the fine, visual, or performing arts.
- 1 credit beyond the minimum in any other CADR subject area.

Example: art appreciation, band, ceramics, choir, dance, dramatics performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, print making, or sculpture. Not accepted: architecture, color guard, creative writing, drafting, drill team, fashion design, interior design, sewing, speech, web design or graphics, woodworking, and yearbook. Note: UW and WWU specify that one-half credit of this requirement must be in the fine, visual, or performing arts; the other half may be either in the arts or in an academic elective.

BHS 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.

THE ARTS

PERFORMING ARTS ~ VOCAL

CONCERT CHOIR

Course Code: MUV150 A/B
Length / Credit: Full Year / 1.0 Credit
Grades: 9, 10, 11, 12
Fees: Varies
Diploma Category: Art
Other Info: Repeatable

Concert Choir is open to all students with no audition required. All 9th grade students who wish to join choir will begin their high school choir experience in this ensemble. This class will focus on building musicianship skills, emphasizing a high standard of teamwork and personal responsibility. Students will be introduced to basic music theory, correct vocal technique and be exposed to a variety of musical styles and genres. Concert Choir performs at concerts and assemblies throughout the year and participates in choral festivals and workshops.

ADVANCED CHOIR

Course Code: MUV360 A/B
Length / Credit: Full Year / 1.0 Credit
Grades: 10, 11, 12
Prerequisite: Audition & Instructor Approval Required
Fees: Varies; ASB Card Required
Diploma Category: Art
Other Info: Repeatable

Advanced Choir (formerly known as Madrigals or Chamber Choir) is a mixed voice ensemble made up of students who show an advanced level of musicianship, vocal ability, and commitment to the choral program. This select group offers a high-level musical experience for students, with a strong emphasis on personal responsibility and teamwork. The Advanced Choir attends the fall retreat, performs at numerous choral festivals, and workshops, and attends a choir tour in the spring. This is a year-long vocal ensemble.

BEL CANTO (Women's Choir)

Course Code: MUV160 A/B
Length / Credit: Full Year / 1.0 Credit
Grades: 10, 11, 12
Prerequisite: Audition & Instructor Approval Required
Fee: Varies; ASB Card Required
Diploma Category: Art
Other Info: Repeatable

Bel Canto is an intermediate ensemble made up of advanced musicians with soprano and alto voices. Students will deepen their understanding of vocal technique and music theory, experience advanced choral repertoire from various musical styles and genres and learn musicality and expressive singing. Members of this ensemble must have high expectations for rehearsal ethics and show personal responsibility in their contribution to the group's success. Bel Canto attends the fall retreat, choir tour, performs in concerts and assemblies, and participates in choral festivals and workshops.

JAZZ CHOIR

Course Code:	MUV300 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Prerequisite:	Audition & Instructor Approval Required; Must be concurrently enrolled in another choral ensemble
Fees:	Varies; ASB card required
Diploma Category:	Art
Other Info:	Repeatable

Jazz Choir is a small mixed ensemble for advanced singers. Students in this ensemble must be enrolled in another choir in order to be considered for Jazz Choir. Students will perform a variety of choral literature with an emphasis on jazz styles. A high level of sight-reading, music theory, ear training, and vocal technique are expected for members of this ensemble. Members of this ensemble are expected to show the highest level of commitment to the group's success. Jazz Choir participates in vocal jazz festivals throughout the northwest and performs at numerous singing gigs throughout the school year.

PERFORMING ARTS ~ INSTRUMENTAL

GUITAR

Course Code:	MUG110
Length / Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Diploma Category:	Art
Other Info:	Repeatable

This class is for the student who wants to learn to play the guitar. In this course, students will begin learning fundamentals such as instrument hold, posture, strumming patterns and chord shapes. Throughout the class, students will apply their skills to learning songs and collaborating with other students. No prior musical experience is required.

ADVANCED GUITAR

Course Code:	MUG155
Length / Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Prerequisite:	Previously completed Guitar class
Diploma Category:	Art
Other Info:	Repeatable

Advanced Guitar is for the student who is looking to continue improving their musical knowledge and skills on the guitar. Students will work with the instructor to identify and determine skill areas in which they will focus, as well as choose music /songs to learn to help develop those skills. Prior completion of Guitar is required.

JAZZ ENSEMBLE

Course Code:	MUJ100 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Prerequisite:	Audition & Instructor Approval Required; must be concurrently enrolled in the school's band, orchestra, or choral large ensemble class
Fees:	Varies; includes ASB card, uniform & potential travel
Diploma Category:	Art
Other Info:	Repeatable. Students taking this class should be aware it takes place zero period. Students taking a zero period can choose to take either a 0-7 or a 0-6 period class schedule

Jazz Ensemble is a school experience for students concurrently enrolled in the school's traditional concert-based ensembles. The purpose of this class is to explore and develop skills in this uniquely American art form, which includes all styles of jazz music and improvisation. The Jazz Ensemble performs at all school concerts, Northlake League jazz festivals and other festivals that may involve evening and weekend performances.

AP MUSIC THEORY

Course Code:	MUS350 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Recommended:	Completion of 1 year of a performing ensemble class at BHS (band, orchestra, or choir) or instructor approval
Diploma Category:	Art
Fee:	Optional AP Exam fee if taken in Spring

The ultimate goal of the AP Music Theory course is to develop a student's ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. Like most first-year college courses, this AP Music Theory course will emphasize aural and visual identification of procedures based in common practice tonality.

ORCHESTRA

Course Code:	MUO100 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Prerequisite:	Experience on an orchestra string instrument or with Instructor Approval
Fees:	Varies; includes ASB card, uniform & potential travel
Diploma Category:	Art
Other Info:	Repeatable

String Orchestra places emphasis on advancing performing skills and exploring a wide variety of musical literature, which may include full and string orchestra. The String Orchestra performs at all school concerts, Northlake League orchestra festivals, Solo & Ensemble and other festivals that may involve evening and weekend performances.

CHAMBER ORCHESTRA

Course Code:	MUO150 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	10, 11, 12
Prerequisite:	Audition & Instructor Approval Required
Fees:	Varies; includes ASB card, uniform & potential travel
Diploma Category:	Art
Other Info:	Repeatable

Chamber Orchestra places emphasis on advanced performing skills and exploring a wide variety of musical literature, which may include full and chamber orchestra repertoire. The Chamber Orchestra performs at all school concerts, Northlake League orchestra festivals, Solo & Ensemble and other festivals that may involve evening and weekend performances.

PIT ORCHESTRA

Course Code:	DRA370
Length / Credit:	One Semester / 0.5 Credit (Spring Semester Only)
Grades:	9, 10, 11, 12
Prerequisite:	Audition & Instructor Approval Required
Fee:	Varies; includes ASB card, uniform & potential travel
Diploma Category:	Art, Career & Technical Education
Other Info:	Repeatable

In Pit Orchestra students will learn the combination of skills that this art form requires. This spring semester course takes place outside of the normal school day. The class is designed for members of the band or string programs to prepare the musical score in support of the stage performers. The class culminates with a full-scale production of a musical in the spring. Credit will be applied upon completion of the musical. Students who participate in Pit Orchestra are placed in the course in the spring by the instructor who auditions them.

SYMPHONIC BAND

Course Code:	MUB100 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Prerequisite:	Experience on a wind instrument or with Instructor Approval
Fees:	Varies; includes ASB card, uniform, and potential travel
Diploma Category:	Art
Other Info:	Repeatable

Symphonic Band places emphasis on advancing performing skills and exploring a wide variety of musical literature, including marching band, concert, and chamber music. Attendance is required for all events that involve Marching Band, Symphonic Band, Pep Band. The Symphonic Band performs at all school concerts, Northlake League band festivals, Solo & Ensemble and other festivals that may involve evening and weekend performances.

This course is designed to give instruction in marching band fundamentals. Outdoor rain gear is recommended. Several original half-time performances at football games are a required part of the Cougar Band schedule. Other performances can include parades, competitions, Husky Band Day, B.C. Lions, and the Seattle Seahawks.

PERCUSSION ENSEMBLE

Course Code:	MUP300 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Prerequisite:	Middle School experience on percussion instruments or with Instructor Approval
Fees:	Varies; includes ASB card, uniform & potential travel
Diploma Category:	Art
Other Info:	Repeatable

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.

WIND ENSEMBLE

Course Code:	MUB300 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	10, 11, 12
Prerequisite:	Audition & Instructor Approval Required
Fees:	Varies; includes ASB card, uniform, and potential travel
Diploma Category:	Art
Other Info:	Repeatable

Wind Ensemble places emphasis on advanced performing skills and exploring a wide variety of musical literature, including marching band, concert, and chamber music. Attendance is required for all events that involve Marching Band, Wind Ensemble, Pep Band. The Wind Ensemble performs at all school concerts, Northlake League band festivals, Solo & Ensemble and other festivals that may involve evening and weekend performances.

PIANO LAB

Course Code:	MUP200
Length / Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Diploma Category:	Art
Other Info:	Repeatable

This class is for the student who wants to learn to play the piano. In this course, students will develop their piano skills and gain a better understanding of music theory. Grading is based upon daily participation and playing and written tests.

PERFORMING ARTS ~ THEATRE

THEATRE ARTS I

Course Code: DRA115
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Art
Other Info: Repeatable

This class is designed to lay the foundation for acting by developing skills in movement, improvisation and character development through games, group performances and community engagement.

THEATRE ARTS II

Course Code: DRA215
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Prerequisite: Theatre Arts I
Diploma Category: Art
Other Info: Repeatable

This course continues to build performance skills focusing on acting, scene studies and analysis. This class highlights the leadership roles in theatre; where students can learn more about acting, directing and playwriting. Theatre Arts II is a prerequisite before auditioning for the Drama Performance class Fall semester.

THEATRE ARTS III

Course Code: DRA316
Length / Credit: One Semester / 0.5 Credit
Grades: 10, 11, 12
Prerequisite: Theatre Arts I & II, or with Instructor Approval
Diploma Category: Art
Other Info: Repeatable

Theatre Arts III is an advanced Theatre Arts course that will encourage students to think and work creatively in both individual and ensemble projects. The student will be exposed to all aspects of theatre including acting, production and technical skills. 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. Theatre Arts III is the perfect follow-up to Theatre Arts I & II. Those students interested in directing shows for Dramafest are encouraged to take this class.

TECHNICAL THEATRE

Course Code: DRA300
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Art, Career & Technical Education
Other Info: Repeatable

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 are required to commit 10 hours outside of class to support the drama program. This requirement can be met working backstage during a BHS production or after school building sets and costumes.

DRAMA / MUSICAL PERFORMANCE

Course Code: DRA245
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Prerequisite: Theatre Arts I & II and Audition & Instructor Approval Required
Diploma Category: Art, Career & Technical Education
Fee: Varies
Other Info: Repeatable. Auditions for Fall semester will take place in the Spring prior, auditions for Spring semester will take place in December.

In Performance, students will learn the combination of skills that this art form requires. This semester course takes place outside of the normal school day. This class is designed for those accepted by audition to prepare for and present theatre productions in the Fall and/or Spring. The semester culminates with the full-scale theatre production. Those students interested in directing shows for Dramafest are required to take this class in the Fall. Drama/Musical Performance credit for performing students will be applied upon successful completion of this course by the instructor who auditions them. Students who participate in Drama/Musical Performance are placed in the course in the spring by the instructor who auditions them.

VISUAL ARTS

BEGINNING ART

Course Code:	ART115
Length / Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Fee:	\$15
Diploma Category:	Art

No experience necessary. This basic course is a great place to start learning drawing skills and introduces students to the basic elements of art and principles of design while using a variety of media including pencil, pen, oil pastel and cut paper. This class will teach students to draw in a step-by-step process. Students will learn how to use perspective, pattern, texture, and color to create projects that are fun while improving knowledge of the elements of art and principals of design. These skills are necessary to excel in all other art classes. This is a highly successful program that brings amazing results. Drawing skills are not required; even students with substantial art experience enjoy and benefit from this class.

INTERMEDIATE ART

Course Code:	AIA100
Length / Credit:	One Semester / 0.5 Credit
Grades:	10, 11, 12
Prerequisite:	Beginning Art or instructor permission
Fee:	\$25
Diploma Category:	Art

Intermediate Art is for students who would like to continue to develop and expand their abilities and interests in art. Projects are designed to increase students' drawing, painting and design skills while developing creativity and personal expression through a variety of media. This may include charcoal, conté, painting, pen and ink, mixed media, printmaking, 3-D design, oil pastel and chalk pastel.

Note: Intermediate Art and Advanced Art can be a year-long class, offering different curriculum for Fall and Spring Semesters. Enrollment in both semesters is encouraged, but not required.

ADVANCED ART

Course Code:	AAA150
Length / Credit:	One Semester / 0.5 Credit
Grades:	11, 12
Prerequisite:	Beginning & Intermediate Art or instructor approval
Fee:	\$35
Diploma Category:	Art
Other Info:	Repeatable

Advanced Art provides a creative and stimulating art environment where students are encouraged to explore art on a multi-faceted level. Students have the opportunity to enhance both the breadth and depth of their art experience. Students are exposed to a wide range of media, as well as working on creative development. Projects offer exciting and stimulating challenges through an ever-changing curriculum. Projects created in this class are designed for the student interested in building an art portfolio.

Note: Students who are interested and serious about a fine arts pathway have the opportunity to develop an impressive Art Portfolio. Art students who select intermediate and advanced art as a course of fine art study benefit from the opportunity of developing a rich and diverse portfolio. These two programs coupled with Drawing & Design offer students seven semesters of varied and concentrated study.

CARTOONING

Course Code:	ACA100
Length / Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Fee:	\$15
Diploma Category:	Art

This class provides the opportunity for students to use their drawing skills and imagination to create humorous cartoons. Projects will include action figure renderings as well as single cell and multiple frame cartoon strips. Students will improve on their hand drawings of cartoon characters by learning the elements of design, drawing the human figure, and creating caricatures of people. Perspective techniques and compositional skills will also be emphasized.

BEGINNING CERAMICS

Course Code: ACE100
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Fee: \$35
Diploma Category: Art

Welcome to the wonderful world of clay! Creating art out of clay involves more knowledge than many people realize. This course is designed to introduce students to clay through a variety of hand building techniques. Students will learn many aspects of design and construction through their projects as well as an introduction to the potter's wheel. After creating the projects, students will explore glazing and firing to complete the process.

INTERMEDIATE CERAMICS

Course Code: ACE130
Length / Credit: One Semester / 0.5 Credit
Grades: 10, 11, 12
Prerequisite: **Beginning Ceramics**
Fee: \$35
Diploma Category: Art

Students will continue their journey in clay with Intermediate Ceramics. Using knowledge of techniques learned in Beginning Ceramics, students will work on specific projects that enhance their knowledge of the design possibilities with clay. Projects include an introduction to more surface design options as well as expanding sculpture techniques. Creating a teapot is a culminating project and continuing work on the potters' wheel is also encouraged for those who want to explore the throwing process more fully. This class is designed to build on the skills learned in the previous class while bringing in more of the students' own creative voice to their work.

ADVANCED CERAMICS

Course Code: ACE150
Length / Credit: One Semester / 0.5 Credit
Grades: 11, 12
Prerequisite: **Beginning & Intermediate Ceramics**
Fee: \$35
Diploma Category: Art

Advanced Ceramics is a more independent, individual continuation of the experience in clay. At this point the student will have more of a voice in the clay journey, focusing on doing thrown or hand-built/sculptural emphasis. Long term projects will be assigned with the student's input, helping to navigate the direction of the work. More experimentation with glazes will be expected to help the students create their own palette, as well as maintenance of their clay sketchbook.

COMPUTER GRAPHICS

Course Code: ACG110
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Fee: \$10
Diploma Category: Art

Computer Art is designed to use both your imagination and design skills to produce a variety of quality artwork. Software emphasis will be given to Adobe Illustrator and Adobe Photoshop, and time to learn these programs is built into this course. No experience is necessary. Projects are designed to focus on different tools in order to learn how to navigate the software. This class will utilize design principles to create quality products including logos, one-point perspective Dream Room and Photoshop designs.

ADVANCED COMPUTER GRAPHICS

Course Code: ACG150
Length / Credit: One Semester / 0.5 Credit
Grades: 10, 11, 12
Fee: \$10
Prerequisite: **Computer Graphics**
Diploma Category: Art

This class will pick up where Computer Graphics leaves off. Using the knowledge gained in the prerequisite class, students will continue to create graphic art with a higher level of skill. Digging deeper into Illustrator and Photoshop will allow students to gain deeper knowledge to the possibilities this software offers. Projects will continue with an emphasis on learning and integrating the principles of design into the student work. An introduction to Flash Animation will also be one of the projects.

BEGINNING PHOTOGRAPHY

Course Code: APH100
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Fee: \$15
Diploma Category: Art

In this class students will learn the fundamentals of strong photography through the use of a digital camera. Students will experience what it means to see through the lens creatively and capture exposures that create successful compositions. Categories for photo shoots will include portraiture, landscape, still life, abstract and documentary. Digital photo editing programs, including Photoshop, will be used to enhance students' photographs. Students will have an opportunity to create photo journals and compete in the Washington State High School Photo Competition.

Note: All students are required to have a fully adjustable digital camera (preferably DSLR) and be prepared to take pictures outside of class.

INTERMEDIATE PHOTOGRAPHY

Course Code: APH130
Length / Credit: One Semester / 0.5 Credit
Grades: 10, 11, 12 or with Instructor Approval
Prerequisite: Beginning Photography
Fee: \$40
Diploma Category: Art

Learn the art of photography! This class teaches students how to use digital and film cameras to take stunning images that reflect the elements of all memorable photography. Students will expand their knowledge of the settings on their DSLR to capture images in a variety of styles. Digital photo editing programs, including Photoshop, will be used to enhance students' digital work. Building off their understanding of digital photography students will also work with film cameras to create analog photographs in the darkroom. Students have the opportunity to compete in the Washington State High School Photo Competition.

Note: All students are required to have a fully adjustable digital camera (preferably DSLR) and be prepared to take pictures outside of class.

ADVANCED PHOTOGRAPHY

Course Code: APH150
Length / Credit: One Semester / 0.5 Credit
Grades: 10, 11, 12
Prerequisite: Beginning Photography AND Intermediate Photography
Fee: \$40
Diploma Category: Art

Advanced Photography is offered to students who have taken the beginning and intermediate levels, and are enthusiastic about spending more time exploring the art of photography. Assignments will focus on learning new techniques and improving technical skills with both digital and darkroom photography. Students have the opportunity to compete in the Washington State High School Photo Competition.

Note: All students are required to have a fully adjustable digital camera (preferably DSLR) and be prepared to take pictures outside of class.

BEGINNING STAINED GLASS

Course Code: ASG100
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Fee: \$45
Diploma Category: Art

More glass artists live in the Seattle area than any other place across the globe! Learn the ancient and contemporary techniques for using glass as a medium for artwork. Mosaics and glass fusing will be emphasized to create glass panels and vessels. Mirror etching and glass painting techniques will also be covered.

INTERMEDIATE STAINED GLASS

Course Code: ASG130
Length / Credit: One Semester / 0.5 Credit
Grades: 10, 11, 12
Prerequisite: Beginning Stained Glass
Fee: \$45
Diploma Category: Art

This class is offered as an extension of Beginning Stained Glass. The class will emphasize the artistic approach of using glass as a means for personal expression. Techniques will include fusing, slumping, glass painting, copper foil, soldering, and glass combing.

ADVANCED STAINED GLASS

Course Code: ASG150
Length / Credit: One Semester / 0.5 Credit
Grades: 10, 11, 12
Prerequisite: **Beginning Stained Glass AND Intermediate Stained Glass**
Fee: \$45
Diploma Category: Art

Advanced Stained Glass is offered as an extension of Intermediate Stained Glass for students who are enthusiastic about spending more time creating glass art. 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, copper foil, soldering, and glass combing.

VIDEO PRODUCTION

Course Code: TEV131
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Art, CTE
Other: Repeatable

This class is designed for someone who wants to do more than run around with their phone filming stuff and posting it on YouTube. You will learn proper use of cameras, editing (iMovie), and film analysis. Assignments to be produced are an introduction video, a commercial, a short movie, a mock commercial and two music videos. There will also be some film study in the form of analysis and replication.

OTHER ART

ANNUAL STAFF (YEARBOOK)

Course Code: AAS125 A/B
Length / Credit: Full Year / 1.0 Credit
Grades: 9, 10, 11, 12
Prerequisite: **Instructor Permission**
Diploma Category: Art, Career & Technical Education
Repeatable: Yes

Students assume responsibility for designing the yearbook, writing copy, taking photographs, soliciting advertising, and promoting sales. Strong English skills and creativity are desired.

Note: This class will require time commitments outside of class for documenting school events and sports.

CAREER & TECHNICAL EDUCATION

BUSINESS

BEGINNING ACCOUNTING

Course Code:	BAC100 A/B
Length / Credit:	Full Year / 1.0 credit
Grades:	9, 10, 11, 12
Diploma Category:	Career & Technical Education
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year – see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned at Bellevue College (ACCT 225) or Lake WA Institute of Technology (ACCT 111)

Accounting is the language of business. Accounting is a skill that is in high demand. Learning accounting in high school is great preparation for a major in accounting, business, finance, or marketing in college. This course is designed to acquaint students with the steps of the accounting cycle in a business. During the course students will learn how to record financial information and prepare the records needed to maintain a business. Students will take a field trip to the UW Foster School of Business and one or two of the Big 4 accounting firms. Many accounting students move on to pursue accounting as a career.

Note: Membership in Future Business Leaders of America (FBLA) is encouraged.

ADVANCED ACCOUNTING

Course Code:	BAC150 A/B
Length / Credit:	Full Year / 1.0 credit
Grades:	10, 11, 12
Prerequisite:	Successful completion of Beginning Accounting
Diploma Category:	Career & Technical Education
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year – see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned at Bellevue College (ACCT 102)

This is a self-guided course where students will expand their accounting knowledge and focus on a business organized as a corporation. Students will also learn about forming and dissolving a business organization. Students will complete an accounting simulation and take a field trip to the UW Foster School of Business and one or two of the Big 4 accounting firms.

Note: Membership in Future Business Leaders of America (FBLA) is encouraged.

BEGINNING COMPUTER APPLICATIONS

Course Code:	BCA116
Length / Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Diploma Category:	Career & Technical Education
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year - see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned at Bellevue College (BTS 110)

Improve your keyboarding skills. Students in Beginning Computer Applications will learn/review basic touch-typing skills – including the alphabet, numbers, and number keypad, while building speed and accuracy. Learn the correct way to format personal and business documents, including letters, envelopes, reports, memos, and tables using Microsoft Word 365, create presentations in PowerPoint 2016 and become familiar with basic concepts of file management and Windows operating system. The culminating project includes planning a vacation to your favorite destination.

Note: Membership in Future Business Leaders of America (FBLA) is encouraged.

BUSINESS MANAGEMENT

Course Code:	BOM115
Length / Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Prerequisite:	Successful completion of Intro to Business for 9th Grade
Recommended:	Intro to Business for 10, 11, 12
Diploma Category:	Career & Technical Education
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year- see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned at Bellevue College (BUS& 101)

Business Management introduces students to the business environment and forms of ownership; how to manage and lead others, effective business communication in the workplace, and entrepreneurship. As entrepreneurs starting their own business, students get a chance to be the boss of their own company; they will find a location for their business, choose a form of ownership, hire and supervise employees, find and keep customers, and use insurance to manage risk. Students will be challenged to read résumés critically and choose the best people for their business. Students will be engaged with management challenges such as labor shortages, strikes, problem employees, and industrial accidents. Students will read and role-play situations from the One Minute Manager, one of the best-selling management books in history, which teaches the fundamental secrets of effective goal setting, praising, and redirecting. Learn customer service from lessons developed by Walt Disney Parks & Resorts in the continual pursuit of excellence to create the best customer experience possible!

Note: Membership in Future Business Leaders of America (FBLA) is encouraged.

INTRODUCTION TO BUSINESS

Course Code:	BIB115
Length / Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Diploma Category:	Career & Technical Education
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year- see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned at Bellevue College (BUS& 101)

Would you like to own your own business some day? Whether you would like to own your own business, manage a business, or simply work for one, this class is for you! This course introduces students to the following topics: the business environment and forms of ownership; how to manage and lead others; effective business communication in the workplace; and how to achieve financial success. Students will gain experience running a virtual retail business (pricing, purchasing, promoting, recordkeeping, etc.), as well as participate in the creating of their own company, develop a business plan, and present their company to an audience of their peers. Students will learn how to keep the basic financial records of a company throughout the course of a month "on the job". Students will role play employee/customer or employee/manager situations to develop human relation and interpersonal communication skills which are essential to working effectively in an organization.

Note: Membership in Future Business Leaders of America (FBLA) is encouraged.

MICROSOFT APPLICATIONS

Course Code:	BMA100
Length / Credit:	Semester / 0.5 credit
Grades:	9, 10, 11, 12
Prerequisite:	Successful completion of Beginning Computer Applications
Recommended:	Keyboard by touch at 30+ wpm
Diploma Category:	Career & Technical Education
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year- see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned at Bellevue College (BTS 161) or Lake WA Institute of Technology (BTS111)

This course is designed for students already comfortable with computer applications who wish to become proficient at using Microsoft Office. Students will be able to earn their Microsoft Office Specialist certification in:

- Word: Word processing
- Excel: Spreadsheets
- Access: Databases
- PowerPoint: Presentations

Note: Membership in Future Business Leaders of America (FBLA) is encouraged.

PERSONAL FINANCE

Course Code:	BPF100
Length / Credit:	Semester / 0.5 credit
Grades:	9, 10, 11, 12
Diploma Category:	Career & Technical Education
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year- see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned at Bellevue College (BUS 102, 103, 104, 105, 106)

Are you ready to live on your own? How much should you be willing to pay for that car? Which credit card gives you the best deal? This course teaches you how to control your money and put your money to work for you.

Students complete a simulation involving the following:

- Opening a checking account
- Renting an apartment
- Applying for credit and comparing credit cards
- Looking for a job
- Buying a car
- Shopping online
- Banking electronically
- Paying taxes

Students will learn about the stock market by competing in a national online stock market competition and will also take a field trip to the Junior Achievement Finance Park to participate in their Budget Challenge. Take this class to learn how to control your money and make the transition to living on your own an easier process.

Note: Membership in Future Business Leaders of America (FBLA) is encouraged.

COMPUTER SCIENCES

ADVANCED PROGRAMMING: TOPICS I & II

Course Code:	VCP520/VCP521
Length / Credit:	One Semester Each / 0.5 Credit
Grades:	11, 12
Prerequisite:	Successful completion of AP Computer Science A
Diploma Category:	Career & Technical Education
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year- see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned at Bellevue College (PROG 110) or Edmonds Community College (CIS 100, 125 or 199)

This course provides an opportunity for highly motivated students who have completed a year-long college-level programming course (Computer Programming I or equivalent) to continue their studies in this field. In this course students will learn about advanced data structures and algorithms, while expanding their knowledge of object-oriented programming. As the year progresses students will be given increased flexibility to focus more deeply on the topics and technologies that catch and hold their interest.

ADVANCED PROJECTS IN COMPUTER SCIENCE

Course Code:	VCP522
Length / Credit:	One Semester / 0.5 Credit
Grades:	12
Prerequisite:	Successful Completion of Advanced Programming Topics I & II or equivalent & Instructor Permission
Diploma Category:	Career & Technical Education
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year- see page 63 for more information
Other Info:	Repeatable; Pending Pacific NW College Credit

This course provides an opportunity for strong, motivated students to work on one or more large projects where they can apply and learn more about advanced computer science concepts. Each student (or group of students) chooses a topic/project they are interested in pursuing, and together with the instructor they plan a sequence of smaller investigations and projects through which they can acquire the knowledge and skills required for the larger project. Sharing what they learn with students in the Advanced Topics class (via presentations, reports and/or tutorials) is an expected part of this learning process.

(CSE 142) AP COMPUTER SCIENCE A

Course Code:	CHS520A/B
Length/Credit:	Full Year/1.0 Credit
Grades:	10, 11, 12
Prerequisite:	Successful completion of Algebra II, Algebra II/Trig or Instructor Permission
Diploma Category:	Career & Technical Education, 3rd Credit of Math, 3rd Credit of Science
Fees:	Optional fee for AP Exam in Spring
Other Info:	Students may choose to take the AP Exam in the spring. Students who select the CHS option and pay the college fee will have the college course title on their high school transcript - see page 62 for more information.

This AP and College in the High School course introduces students to the fundamentals of computer science concepts teaching Java, an object-oriented programming language. No prior programming experience is necessary to enroll, but the course is fast-paced and meant to replicate a college introductory programming class (CSE 142 – students may choose to enroll for college credit through University of Washington). Students are challenged to solve difficult problems and to develop object oriented code. Students will learn topics that include procedural programming (methods, parameters, return values), basic control structures (sequence, if/else, loops), file processing, collections, object-oriented design, and recursion. This course prepares students to take the AP Computer Science A exam in May.

AP COMPUTER SCIENCE PRINCIPLES

Course Code:	VJP305A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Prerequisite:	Successful completion of Algebra I or Instructor Permission
Diploma Category:	Career & Technical Education; 3rd Credit of Math; 3rd Credit of Science
Fees:	Optional fee for AP Exam in Spring
Other Info:	Students may take the corresponding AP exam in the spring for potential college credit. See your teacher for more information.

In this exploratory course, students will learn the fundamentals of computing – including problem solving, working with data, understanding the internet, cybersecurity, and programming. Students completing this course should leave with a broadened understanding of computer science for use in diverse majors and careers. Those wanting to earn AP credit will submit two “through-course performance tasks” to the College Board for grading and will take a multiple-choice end-of-year exam. This course is not a prerequisite for (CSE 142)AP Computer Science A, but AP Computer Science A is the logical follow-up class for students inspired to study computer science more deeply after completing this class.

INTRODUCTION TO ROBOTICS

Course Code:	TER215 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Diploma Category:	Career & Technical Education; 3 rd Credit Math

This course is designed to give students, without any prior experience, the opportunity to explore the world of robotics and engineering. Students will learn basic principles of design, construction, and programming of robots while learning about C-programming, mathematics, logic, physics, electronics, and teamwork. 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. At least one field trip to a relevant technology organization (such as the UW Computer Science/Robotics Department) is typically included. Students will also learn about the history of technology through selected movies (such as Apollo 13 and Hidden Figures). The goal of the class is to provide students the opportunity to apply science, math, technology, and engineering skills in an environment that is both challenging and fun.

WEB DESIGN

Course Code:	BWE110
Length/Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Diploma Category:	Career & Technical Education
Recommended:	Keyboard by touch at 30+ wpm
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year- see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned at Bellevue College (DMA107), Cascadia CC (BIT112) or Lake WA Institute of Technology (CSD112)

This course is a college level, project-based course that introduces the basic elements of designing and developing web pages. Students will learn how to plan and design effective web pages for business and personal use. Web pages will be created using HTML, CSS, and Photoshop.

Note: Membership in Future Business Leaders of America (FBLA) is encouraged.

FAMILY & CONSUMER SCIENCE

BAKING & PASTRY ARTS

Length / Credit:	Full Year / 3 Consecutive Periods / 3.0 Credits
Grades:	11, 12
Location:	BOTHELL HIGH SCHOOL (Satellite program – Open to all NSD and Out of District Students)
Prerequisite:	Application & Acceptance and completion of Culinary Arts or Food and Nutrition
Fees/Special Materials:	Class supplied uniform; \$50 Fee covers all PNW-CC courses taken in a given school year
Diploma Category:	Career & Technical Education; Lab Science OR 3 rd Credit Science
Other:	Up to 15 Pacific NW College Credits available when grade of B or better is earned at Lake Washington Institute of Technology (CART110, 115, 140); Scholarships available for any/all fees

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

CAREERS IN EDUCATION

Length / Credit:	Full Year / 2 Consecutive Periods / 2.0 credits
Grades:	11, 12
Location:	BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)
Prerequisite:	Application & Acceptance
Diploma Category:	Career & Technical Education
Fees:	\$50 Fee covers all PNW-CC courses taken in a given school year
Other Info:	Up to 5 Pacific NW College credits available when grade of B or better is earned at Bellevue College (EDUC& 205), Edmonds Community College (EDUC 102) or Lake Washington Institute of Technology (EDUC& 115); a Child Care STARS license offered

If you have ever considered a career in education, then this class will give you the opportunity to explore multiple careers such as a teacher, counselor, coach, principal, para educator, technology specialist, bi-lingual specialist and more. You will learn about current psychology theories on the brain and learning and child development and spend 3-4 days per week helping out during class in an elementary, preschool, or middle school classroom. Students will gain experience in understanding themselves, schools, teachers, and teaching, as well as exploring pathways to the future. Colleges will present various programs offered to pursue numerous careers available in this expanding field. 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. Students will have the opportunity to earn their MERIT Child Care STARS license and take the state Para Educator exam as part of this course.

CULINARY ARTS

Length / Credit:	Full Year / 2 Consecutive Periods / 2.0 Credits
Grades:	10, 11, 12
Location:	BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)
Prerequisite:	Application & Acceptance
Fees/Special Materials:	Class supplied uniform; \$50 Fee covers all PNW-CC courses taken in a given school year
Diploma Category:	Career & Technical Education; Lab Science OR 3 rd Year Science
Other Info:	Up to 10 Pacific NW College Credits when grade of B or better is earned at Lake Washington Institute of Technology (CART110); Scholarships & Certifications available for any/all fees

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.

FOOD AND NUTRITION

Course Code: HFF161
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Career & Technical Education

This is a class for students who want to learn and experience the basics of cooking and baking with a variety of popular and healthy ingredients. Safety is a top priority, students will learn sanitation, safe cooking temperatures and proper knife handling and cutting techniques. The class will also cover essential nutrients to help students foster an individual understanding of nutritional needs based on current science and research in the nutrition and dietetics community. Emphasis will be placed on helping students develop a positive attitude and appreciation of nutritional and good tasting foods. Students will also have the opportunity to showcase and extend what they learn in the food lab at home with their family members via extended learning cooking projects.

INDEPENDENT LIVING

Course Code: HFL100
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Career & Technical Education

Are you excited for life after high school and want to prepare yourself for it now? This class offers students the chance to experience independence through hands on activities, discussion, labs, projects, and simulations. We have six main units that cover many topics to help you start preparing for a successful life after high school:

- Self-Awareness: Time management, SMART Goal setting, managing sleep and becoming an effective planner
- Employability and Professionalism: Professional portfolio, Interview skills and practice, and job applications
- Money Management: Banking basics, payday, taxes, credit cards, interest rates, auto loans and financial planning
- Consumerism: Consumer rights and responsibilities, tenant rights, car buying, frauds and scams
- Moving Out: Create a budget for life, use your “paycheck” from class to pay for rent, bills, insurance, and groceries

LIFESPAN PSYCHOLOGY

Course Code: HFP240
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Career & Technical Education

This exploratory course is designed to introduce students to the many subjects of psychology. Through class discussion, lectures, projects, and presentations students will learn about the human lifespan. Subjects that will be covered include child development, personality, intelligence, personal and professional relationships, communication, family dynamics, and many other popular psychology topics.

(PSYC 100) GENERAL PSYCHOLOGY / AP PSYCHOLOGY

Course Code: CHS326A/B
Length / Credit: Full Year / 1.0 Credit
Grades: 10, 11, 12
Diploma Category: Career & Technical Education
Fee: Optional AP Exam fee if taken in May
Other Info: Students may choose to take the AP Psychology exam in May

This AP and College in the High School 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. Psych 100 – students may choose to enroll for college credit through Eastern Washington University. This course prepares students to take the AP Psychology exam in May.

MARKETING

INTRODUCTION TO MARKETING

Course Code:	BMD110 A/B
Length / Credit:	Full Year / 1.0 credit
Grades:	9, 10, 11, 12
Diploma Category:	Career & Technical Education
Required:	DECA Membership
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year - see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned

Students will enjoy learning about how businesses of all types make marketing decisions, promote their products, and serve their customers. Students will gain knowledge in a range of marketing fundamentals, including target market, selling, promotion, visual merchandising, economics, entrepreneurship, and social media marketing. Building self-confidence, ability to present ideas and leadership skills are also benefits of this course. A field trip to a local organization's marketing department is typically included. This course is not only perfect for students who are interested in possible careers in business, sales, or marketing, but also provides a chance to earn college credit.

ADVANCED MARKETING

Course Code:	BMD150 A/B
Length/Credit:	Full year/ 1.0 credit
Grades:	10, 11, 12
Diploma Category:	Career & Technical Education
Prerequisite:	Completion of prior Marketing course (Intro to Marketing, Fashion Merchandising or Retail Operation)
Required:	DECA Membership
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year - see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned

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 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! This course provides a chance to earn college credit and fulfills a CTE graduation pathway.

MARKETING MANAGEMENT

Course Code:	BMM170A/B
Length / Credit:	Full Year / 1.0
Grade:	11, 12
Diploma Category:	Career & Technical Education
Prerequisite:	Completion of Advanced Marketing
Required:	DECA Membership
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year - see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned

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.

FASHION MERCHANDISING

Course Code:	BMF100
Length / Credit:	One Semester / 0.5 credit
Grades:	9, 10, 11, 12
Diploma Category:	Career & Technical Education
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year - see page 63 for more information
Other Info:	2 Pacific NW College credits available when grade of B or better is earned

This course introduces how fashion and apparel businesses of all types create value and promote their offerings. Students will gain knowledge in a range of fashion marketing topics including the origin and evolution of fashion trends, and the role of buyers, designers, manufacturers, distributors, and retailers in the fashion industry. Students will study target market, selling, elements of design, the fashion cycle, textiles, visual merchandising promotion, and social media marketing. Developing skills in project management and making presentations are also facets of this course. One field trip to a leading local fashion retailer or marketing organization is typically included. This course is perfect for the student that is interested in evaluating a possible career in fashion design, merchandising, management, sales, or marketing.

RETAIL OPERATIONS - (Student Store)

Course Code:	BRO105 A/B
Length / Credit:	Full Year / 1.0 credit
Grades:	9, 10, 11, 12
Diploma Category:	Career & Technical Education
Prerequisite:	Completion or Concurrent Enrollment in another Marketing class or with Instructor Approval.
Required:	DECA Membership
Fees:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year - see page 63 for more information
Other Info:	5 Pacific NW College credits available when grade of B or better is earned

This unique course involves work experience in our on-campus student store. Classroom topics include customer service, financial analysis, marketing fundamentals, operations, distribution, promotion, human resource management, and visual merchandising. Students use our student store to practice what they have learned, greet customers, run electronic cash registers, prepare food, manage inventory, and prepare daily cash deposits. Courtesy, service, honesty, integrity, and professionalism are important attributes required of students working in our store. During the first week of the course, students will learn about food safety and will then be required to hold a King County Health Department Food Handler Card. This class is ideal for the student looking to gain insight into how a retail store operates and gain valuable work experience.

TECHNOLOGY

AUTOMOBILE TECHNOLOGY

Length / Credit:	Full Year / 3 Consecutive Periods (1,2,3) OR (5,6,7) / 3.0 Credits
Grades:	Beginning: 10, 11, 12 ~ Advanced: 11, 12
Location:	BOTHELL HIGH SCHOOL (Satellite program – open to all NSD and Out of District students)
Prerequisites:	Application, Interview & Acceptance Advanced students must have successfully completed Beginning Auto Technology
Fees:	Required: Join Skills USA ~ \$16 Optional: Personalized shop shirts ~ 2/\$40; \$50 Fee covers all PNW-CC courses taken in a given school year
Diploma Category:	BEGINNING: Career & Tech Education; Lab Science or 3 rd Credit Science ADVANCED: Career & Tech Education; Lab Science or 3 rd Credit Science; English 11 or 12
Other Info:	Up to 26 Pacific NW College Credits available when grade of B or better is earned at Lake Washington Institute of Technology

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.

Both sessions of the Auto Tech program are open to beginning and advanced students:

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

COMPOSITES ENGINEERING AND MANUFACTURING

Course Code:	VWE402
Length / Credit:	One Semester / 0.5 Credit
Grades:	11, 12
Diploma Category:	Career & Technical Education
Fee:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year - see page 63 for more information
Other Info:	Up to 5 Pacific NW College Credits available when grade of B or better is earned at Edmonds Community College (ETEC 110)

Composites Engineering and Manufacturing is an excellent foundational course for a career in composite manufacturing. It is designed to instruct students in the areas of project design, mold making, CNC machining practices and composite lay-up procedures. A major emphasis will be placed on shop safety and proper hand and power tool use. This course provides students with an in-depth introduction to the composites lab and students will gain practical knowledge needed to create their own projects or continue with lifelong skills in composite manufacturing. Student will construct various teacher assigned projects as well as the opportunity to create, design and build personal projects of their choice with teacher guidance and close supervision. Projects may include snowboards, skateboards, consumer products, sporting equipment, and many others.

CORE PLUS CONSTRUCTION

Course Code:	CTN500
Length / Credit:	Full Year / 3 Consecutive Periods / 3.0 Credits
Grades:	10, 11, 12
Location:	BOTHELL HIGH SCHOOL (Satellite Program – Open to all NSD Students)
Prerequisite:	Application & Acceptance
Recommended:	Successful completion of previous introductory course in woods, metals, welding, or manufacturing
Diploma Category:	Career & Technical Education; 3 rd year of Math, 3 rd year of Science, Non-CADR English 11 or 12

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.

METAL FABRICATION

Course Code:	TEM100
Length / Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Diploma Category:	Career & Technical Education

Metal Fabrication is an excellent foundational course for a career in metalworking or welding. It is designed to instruct students in the areas of project design, reading design drawings, sheet metal forming, welding, CNC machine operation, and bench work practices. A major emphasis will be placed on shop safety, proper hand and power tool usage and metalworking processes. This course provides students with an in-depth introduction to the metal shop and the students will gain practical knowledge needed to work on their own projects or continue on with lifelong skills in metalworking and welding. Students will construct various teacher assigned projects as well as the opportunity to create, design and build personal projects of their choice with teacher guidance and close supervision.

WOOD TECHNOLOGY

Course Code:	TEW110
Length / Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Diploma Category:	Career & Technical Education

Wood Technology is an excellent foundational course for a career in woodworking or construction. It is designed to instruct students in the areas of reading project drawings, knowledge of woods and uses, calculations of materials, numerous joinery designs, wood lamination and project procedures. A major emphasis will be placed on shop safety, proper hand and power tool usage and wood processes. This course provides students with an in-depth introduction to the woodshop and the student will gain practical knowledge needed to work on their own projects or continue on with lifelong skills in woodworking and construction. Students will construct various teacher assigned projects as well as have the opportunity to create, design and build personal projects of their choice with teacher guidance and close supervision.

PLTW ENGINEERING DESIGN

Course Code:	TEC108 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Prerequisite:	Concurrent Enrollment in or completion of Algebra I
Diploma Category:	Career & Technical Education; Algebra I Equivalency

Introduction to Engineering Design is the first foundational course of the Project Lead the Way high school engineering pathway and is appropriate for students who are interested in engineering and design. Through both individual and collaborative team activities, projects and problems, students will solve problems as they practice common engineering design and development protocols such as project management and peer review. Students will develop skills in technical representation and documentation of design solutions according to accepted technical standards, and they will use current 3D design and modeling software to represent and communicate solutions. In addition, the development of computational methods that are commonly used in engineering problem solving, including statistical analysis and mathematical modeling, are emphasized. Ethical issues related to professional practice and product development are also presented. Students in this course should be prepared for the rigorous curriculum and should be performing at or above grade level in both math and science.

PLTW PRINCIPLES OF ENGINEERING

Course Code:	TEC109 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	10, 11, 12
Prerequisite:	Successful Completion of Introduction to Engineering Design
Diploma Category:	Career & Technical Education

Principles of Engineering is the second foundational course of the Project Lead the Way high school engineering pathway. This course exposes students to major concepts they would encounter in a post-secondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, robotics, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. Students in this course should be prepared for the rigorous curriculum and should be performing at or above grade level in both math and science.

ADDITIONAL CTE COURSES

INTRODUCTION TO HUMAN ANATOMY

Course Code:	SCA200
Length / Credit:	One Semester / 0.5 Credit
Grade:	10, 11, 12
Diploma Category:	Career & Technical Education, Lab Science or 3rd Credit of Science

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.

INTRODUCTION TO HUMAN PHYSIOLOGY

Course Code:	SCP141
Length / Credit:	One Semester / 0.5 Credit
Grade:	10, 11, 12
Diploma Category:	Career & Technical Education; Lab Science or 3rd Credit of Science

This course is open to students who are interested in a career in working with and around the human body; such as medicine, physical therapy, dentistry, chiropractic, fitness training, nursing, occupational therapy, massage therapy and sports medicine among others. This course is in alignment with Introduction to Anatomy and should be taken in conjunction. Focus is the study of functions and activities of living organisms and their body parts, including the physical and chemical processes in organisms structure and function. Extensive labs and activities support concepts learned.

SPORTS MEDICINE & ATHLETIC TRAINING

Length / Credit:	Full Year / 1 Period / 1.0 Credit
Grades:	10, 11, 12
Location:	BOTHELL HIGH SCHOOL (Satellite Program – open to all NSD students)
Prerequisite:	Application & Acceptance
Diploma Category:	Career & Technical Education
Fee:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year - see page 63 for more information
Other Info:	15 Pacific NW college credits available when grade of B or better is earned at Bellevue College (AHE 100, AHE 120, AHE 130, HLTH 145)

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 Period / 1.0 Credit
Grades:	11, 12
Location:	BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)
Prerequisite:	Application & Acceptance and previous medical related coursework (see below description)
Diploma Category:	Career & Technical Education
Fee:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year - see page 63 for more information
Other Info:	10 Pacific NW college credits available when grade of B or better is earned at Bellevue College (AHE 110 and 140)

This course builds on Beginning Sports Medicine/Athletic Training as students will focus more on how to evaluate and rehabilitate specific sports injuries. **Requirement for admittance is to have completed ONE of the following: (1) completed beginning sports medicine class from BHS or other school, (2) completed the nursing program, (3) completed a medical related course.** Students 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.

ANNUAL STAFF (YEARBOOK)

Course Code:	AAS125 A/B
Length/Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Prerequisite:	Instructor Approval
Diploma Category:	Career & Technical Education; Art
Other Info:	Repeatable

Students assume responsibility for designing the yearbook, writing copy, taking photographs, soliciting advertising, and promoting sales. Strong English skills and creativity are desired.

Note: This class will require time commitments outside of class for documenting school events and sports.

ASB/LEADERSHIP

Course Code:	YYN206 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Diploma Category:	Career & Technical Education

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. There may be times students have to stay after school for events or come in for events at night. Options to fulfill participation requirements are flexible and work around participation in other Bothell High School activities and athletics. For students who hold elected positions, time will be dependent on ASB and Class specific activities.

LIBRARY RESEARCH ASSISTANT

Course Code:	YRA100
Length / Credit:	One Semester / 0.5 Credit
Grade:	9, 10, 11, 12
Prerequisite:	Instructor / Staff Permission – Link to Permission Form
Diploma Category:	Career & Technical Education
Other Info:	Repeatable

Target Student:

This course is for self-motivated students interested in applying their creative problem-solving skills to create a welcoming and helpful environment in the library.

Goals:

Research Assistants will learn library management procedures and develop sophisticated personal research skills. RAs will acquire valuable work experience for future job opportunities as they assist library personnel, students, and school staff in varying areas of library and technology use.

Skills:

RAs will master library circulation, organization, and maintenance procedures, accurately checking items in and out, processing materials, shelving books, and maintaining equipment. RAs will develop skills for locating, retrieving, evaluating, and synthesizing information using the library's online catalog, subscription databases and internet sources. They will assist students and school staff with research and technology needs and will help the librarians maintain the library web pages. Job skill instruction, activities exploring careers in the information industry, written assignments, and assessments will be included. Letter grade and occupational education credit earned.

PEER COACHING ~ Advocate for Special Education Program

Course Code: YYN071
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Prerequisite: **Instructor Permission – [Link to Permission Form](#)**
Diploma Category: Career & Technical Education
Other Info: Repeatable

Peer coaches will have the experience of working directly with students who have 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 the initiative. This is a great opportunity for students interested in entering the teaching or medical fields.

VIDEO PRODUCTION

Course Code: TEV131
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Art, CTE

This class is designed for someone who wants to do more than run around with their phone filming stuff and posting it on YouTube. You will learn proper use of cameras, editing (iMovie), and film analysis. Assignments to be produced are an introduction video, a commercial, a short movie, a mock commercial and two music videos. There will also be some film study in the form of analysis and replication.

OFF-CAMPUS DISTRICT SATELLITE COURSES

AVIATION: AN INTRODUCTION TO FLIGHT

Length / Credit: Full Year / 1 Period / 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.

INTERMEDIATE DATA PROGRAMMING

Length / Credit: Full Year / 1 Period / 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.

IB DESIGN TECHNOLOGY

Length / Credit: Full Year / 1 Period / 1.0 Credit
Grades: 11, 12
Location: **INGLEMOOR HIGH SCHOOL (Satellite program – open to all NSD students)**
Prerequisite: **Application & Acceptance**
Diploma Category: Career & Technical Education; Lab Science OR 3rd Credit Science

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.

HEALTH SCIENCE CAREERS

Length / Credit:	Full Year / 3 Consecutive Periods / 3.0 Credits
Grades:	11, 12
Location:	WOODINVILLE HIGH SCHOOL (Satellite program – open to all NSD students)
Prerequisite:	Application & Acceptance
Diploma Category:	Career & Technical Education; Health; Lab Science OR 3RD Year Science
Fees:	Fees are associated with this course for purchasing required supplies; \$50 Fee covers all PNW-CC courses taken in a given school year
Other Info:	Up to 26 Pacific NW college credits are available when grade of B or better is earned through Bellevue College (AHE 110 & 130, HLTH 292, NAC 106, 107 & 108, AHE 120) or 13 Pacific NW college credits through Lake Washington Institute of Technology (IFAD 162 & 216, NURS 107, 108 and 109)

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. Schedule of classes is available on WHS Health Science Careers site. 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. 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 Washington 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 Certified Nursing Assistants on the day following the exam. There is an extremely high demand for nursing assistants in the community. Students frequently get hired on the spot with starting pay of \$12 - \$17 per hour. Other expenses include scrubs (\$25), white shoes for clinicals, a wristwatch and a personalized sweatshirt (\$35). A personal stethoscope is optional as those are provided in class. HOSA membership (Health Occupation Students of America) is \$15. All fees are fully refundable by a future employer if the graduate gets a job within the first year following successful completion of the program.

This program partners with UW 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, a student leadership organization, successfully competing in multiple categories on a state and national level.

WELDING & FABRICATION

Length / Credit:	One Semester / 2 Consecutive Periods / 1.0 Credit
Grades:	11, 12
Location:	WOODINVILLE HIGH SCHOOL (Satellite program – open to all NSD students)
Prerequisite:	Application & Acceptance
Diploma Category:	Career & Technical Education
Fee:	\$50 Fee covers all PNW-CC courses taken in a given school year
Other Info:	6 Pacific NW College Credits available when grade of B or better is earned at Lake Washington Institute of Technology (WELD 101)

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 are stressed. Training in the planning, layout, forming, joining and fabrication of various shapes in light and heavy gauge metal and pipe are 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.

ENGLISH

TO REQUEST AN EXCEPTION TO A GRADE LEVEL OR PREREQUISITE REQUIREMENT, PLEASE COMPLETE AND SUBMIT THIS [REQUEST AN EXCEPTION FORM](#).

ENGLISH 9

Course Code: ENG100A/B
Length / Credit: Full Year / 1.0
Grade: 9
Diploma Category: English 9

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 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.

PRE AP ENGLISH 9

Course Code: ENG160A/B
Length / Credit: Full Year / 1.0
Grade: 9
Diploma Category: English 9

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.

ENGLISH 10

Course Code: ENG200A/B
Length / Credit: Full Year / 1.0
Grade: 10
Diploma Category: English 10

Students will delve deeper into analytical thinking and literary analysis as they apply close, critical reading and engage in more critical thinking. 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.

PRE AP ENGLISH 10

Course Code: ENG255A/B
Length / Credit: Full Year / 1.0
Grade: 10
Diploma Category: English 10

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 close readings within a text that deepen the meaning of the whole passage. Students will also write complex sentences with enhanced vocabulary leading to lengthier writing. Additionally, students will practice more regular public speaking skills.

ENGLISH 11

Course Code:	ENG300A/B
Length / Credit:	Full Year / 1.0
Grade:	11
Diploma Category:	English 11

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.

AP ENGLISH LANGUAGE & COMPOSITION

Course Code:	ENG475A/B
Length / Credit:	Full Year / 1.0
Grade:	11, 12
Fees:	Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your teacher.
Diploma Category:	English 11 or English 12
Notes:	Students may take the corresponding AP exam in the spring for potential college credit. See your teacher for more information. College board recommended for 11 th grade

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.

ENGLISH 12: FOCUS ON COMMUNICATION FOR CAREERS

Course Code:	ENG454A/B
Length / Credit:	Full Year / 1.0
Grade:	12
Diploma Category:	English 12

Designed to prepare students for the rigor and pace of college study, as well as develop language arts skills for a variety of career pursuits, the focus in this course will be on professional writing and communication. Students will examine non-fiction essays, short memoirs and business reports; try their hands at generating their own essays and business world texts (memos, emails, reports, résumés, cover letters, etc.); as well as prepare and engage in debates, mock interviews, speeches and multimedia presentations.

ENGLISH 12: FOCUS ON LITERATURE & MEDIA

Course Code:	ENG455A/B
Length / Credit:	Full Year / 1.0
Grade:	12
Diploma Category:	English 12

Designed to prepare students for the rigor and pace of college study, as well as develop language arts skills for a variety of career pursuits, this course focuses on the intersection between literature and media. Students read, view and analyze multiple literary, artistic and cinematic genres, paying attention to the composition and audiences of the texts. In informal and formal essays, group projects and through discussions, students consider media and literature as artistic mediums, entertainment, vehicles for social change, and as meaning-making institutions.

ENGLISH 12: FOCUS ON VOICES

Course Code: ENG453 A/B
Length / Credit: Full Year / 1.0 Credit
Grade: 12
Diploma Category: English 12

Designed to prepare students for the rigor and pace of college study, as well as develop language arts skills for a variety of career pursuits, the focus on this course is to expose students to voices from around the world, as well as those that have often been marginalized in the United States. Through a variety of literary genres (e.g., memoirs, personal essays, short fiction, poetry), students will learn to see the universality and uniqueness of human experience. Students will then practice the creative process of drafting, workshopping, and revising to develop their own works and reflect on the perspectives of their own particular experience. Portfolios developed will include analytical and creative writing.

AP ENGLISH LITERATURE & COMPOSITION

Course Code: ENG480A/B
Length / Credit: Full Year / 1.0
Grade: 11, 12
Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your teacher.
Diploma Category: English 11 or English 12
Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your teacher for more information. College board recommended for 12th grade

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.

ENGL &101/ENGL &111 – ENGLISH COMPOSITION/INTRO TO LITERATURE

Course Code: CHS215 A/B
Length/Credit: Full Year/ 2.0
Grade: 12
Prerequisite: **Successful completion of English 11 (B or higher required for Cascadia College Credits)**
Fees: Students who select the CHS option and pay the college fee will have the college course title on their high school transcript - see page 62 for more information. Financial aid available; please see your teacher.
Diploma Category: English 12
Notes: Qualifying students may earn up to 10 potential college credits from Cascadia College.

This English course offers students a year-long class that covers both Introduction to Literature (ENGL&111) and Composition I (ENGL&101). In the literature focus, we will explore the genres of fiction, poetry, and drama that help give voice to the human experience while giving poetic shape and meaning to our lives. Students will learn and practice skills for exploring and appreciating the meaning and effects of literature while at the same time encountering and interpreting texts' relationships to their historical and cultural contexts. Essays, short writing assignments, and seminars will help students discover and express their own thoughts and learning about literature. In the composition focus, students will practice various modes of reading and writing, focusing on rhetorical modes and strategies. They will develop and document a personalized process to compose texts that demonstrate an understanding of purpose and audience, are thoughtfully organized, achieve appropriate levels of correctness, and are crafted with specific purposes for an identified audience.

BRIDGE TO COLLEGE ENGLISH

Course Code:	ENG140 A/B
Length / Credit:	Full Year / 1.0 Credit
Grade:	12
Prerequisite:	Concurrent enrollment or successful completion of English 11
Diploma Category:	English 12

This transition course was created by the Washington State OSPI for students in their senior year of high school whose performance on the state standardized test (SBAC) indicates that they are not ready for college reading and writing. It is important to note, however, that the course is not remedial, but one in which students by the end of the school year will be ready for college level courses. **As a result of legislation in 2019, successful completion of this course qualifies as a graduation pathway for students who have not passed the ELA SBAC.** Students who earn a grade of “B” or better (the equivalent of a “3” on the SBAC) will be granted automatic placement into English 101 at all participating Washington higher education institutions (as of June 2016, all 34 of Washington State’s community and technical colleges plus Eastern Washington University).

Course Description (from OSPI): This course will develop students’ college and career readiness by building skills in critical reading, academic writing, speaking and listening, research and inquiry, and language use as defined by the CCSS-ELA for high school. Students will engage with rigorous texts and activities that support the standards’ additional goals of developing the capacities of literacy, including deepening appreciation of other cultures, valuing evidence and responding to varying tasks across content areas, and navigating technology to support their work. Students will learn to evaluate the credibility of information, critique others’ opinions, and construct their own opinions based on evidence. By the end of the course, students will be able to use strategies for critical reading, argumentative writing, and independent thinking while reading unfamiliar texts and responding to them in discussion and writing. The course will also develop essential habits of mind necessary for student success in college, including independence, productive persistence, and metacognition.

NSD English Learner Program

Emerging and progressing EL students follow the general education plan and also receive up to two EL class periods per day from a certificated EL teacher, including:

- Daily EL English (ELL English 9 – 12) ~ Emerging and progressing students receive English credit while developing English proficiency skills; and/or
- Academic English Language (ELD 9 – 12) ~ Emerging, progressing (and advanced progressing, depending on needs) EL students receive academic content support focusing on the academic language necessary in core content classes.

Additionally, EL para-professional staff provide supplemental academic vocabulary instruction through push-in or pull-out, small, flexible groups. Students receive assistance within their general classrooms. Students who have exited EL services or Proficient (L3) in the past 2 years are also provided support if there are academic needs.

Placement for EL services is based on the ELPA21 Screener and administered to students new to the district within the first 10 days of enrollment. Additionally, EL students are required to take the Washington English Language Proficiency Assessment (ELPA21) annually to measure English language progress.

ELL ENGLISH

Course Code:	ELL 100A/B – 200A/B – 300A/B – 400A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Diploma Category:	English 9, 10, 11 or 12 (Depending upon grade level)

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.

ACADEMIC LANGUAGE DEVELOPMENT

Course Code:	ELL270 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Diploma Category:	Flexible

This course is designed to provide extra English language development and support to students who score emerging or progressing on the Washington State ELPA21 Screener. This course should be taken in conjunction with the ELL English class. This language course will continue to build on the English Language Proficiency Standards to help students learn the academic skills needed to be successful in content area classes through engaging interactive lessons that practice reading, writing, listening and speaking skills. Academic content vocabulary is also a focus. Students will work collaboratively and individually to build academic skills through study groups, tutorials, and other activities in order to communicate effectively in English and build English proficiency.

HEALTH & FITNESS

*Must be included
as part of
Health/Fitness
credits for
graduation*

Life Fitness

Health

*Choice offerings will
comprise remainder
of Health/Fitness
credits for graduation*

Basketball

**Racket
Sports**

*Credits taken beyond
Health/Fitness grad
requirements will
count toward flexible
credits.*

**Strength &
Fitness**

**Team
Sports**

*Courses listed here
can be repeated
multiple times for
credit.*

**Walking
Fitness**

**Yoga &
Pilates**

HEALTH

Course Code: HEA410
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Recommendation: 9, 10
Diploma Category: Health

Total well-being — mentally, physically, and socially is what health is about. This course has been developed to help you gain the knowledge and behaviors essential to increase your quality of life and wellness now, as well as invest in your future health. Improving the person's health through nutrition and exercise, substance abuse prevention, managing emotions and stress, handling crisis, decreasing the risk of heart disease and cancer, using proper CPR techniques, and human sexuality are topics that will be covered. The goal is to help students understand the choices they make every day and the consequences each choice has on their health and wellness now and in the future.

LIFE FITNESS (SPORTS)

Course Code: PLF236
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Recommendation: 9, 10
Diploma Category: Life Fitness

Students will acquire knowledge so that they can make informed decisions on a lifetime sports-based fitness program and the importance of maintaining fitness throughout their life. The course includes team/racquet sports, focused cardiovascular training, and muscular strength/endurance as well as game play. Students are required to take one semester of Life Fitness to meet a portion of their Physical Education graduation requirement.

LIFE FITNESS (STRENGTH AND CONDITIONING)

Course Code: PLF231
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Recommendation: **9, 10**
Diploma Category: Life Fitness

Students will acquire knowledge so that they can make informed decisions on a lifetime fitness/strength and conditioning program and the importance of maintaining fitness throughout their life. The course includes weight training, body weight conditioning, plyometrics, and cardiovascular training. Students are required to take one semester of Life Fitness to meet a portion of their Physical Education graduation requirement.

LIFE FITNESS (YOGA/WALKING)

Course Code: PLF241
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Recommendation: **9, 10**
Diploma Category: Life Fitness

Students will acquire knowledge so that they can make informed decisions on a lifetime fitness program involving the lower impact training of yoga and walking and the importance of maintaining fitness throughout their life. The course includes a variety of walking routes, yoga practices to develop muscular strength and endurance as well as flexibility. Students are required to take one semester of Life Fitness to meet a portion of their Physical Education graduation requirement.

BASKETBALL

Course Code: PBB200
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Physical Education
Other Info: Repeatable

This class will involve work on the basic fundamentals, skills, and rules of the game of Basketball.

COACHING AND OFFICIATING

Course Code: PCO100
Length / Credit: One Semester / 0.5 Credit
Grades: 10, 11, 12
Prerequisite: **Successful completion of Team Sports, Basketball, or Instructor Approval.**
Diploma Category: Flexible
Other Info: Repeatable

The Coaching and Officiating course is intended for students who are interested in the coaching and/or refereeing professions as a full time, part time or volunteer coach/referee. Students in the course will develop their coaching and officiating philosophy and style. They will learn how to best communicate with their athletes and parents, motivate their athletes and manage their athletes' behavior. Students will also learn the most effective ways to run practices, coach games and teach the fundamental skills. Through participation in the course, students will also develop and use physical training plans for a variety of sports and athletes. They will also learn about the profession in general as well as the psychology of officiating. Students in this course will learn through a variety of instructional methods such as classroom work/discussion sessions, clinics, internships, and presentations from guest coaches and officials. You will be actively coaching and refereeing other students in PE classes.

RACKET SPORTS

Course Code: PRS200
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Physical Education
Other Info: Repeatable

This class is an introduction to racket sports with an emphasis on basic skills, rules, and strategies for badminton, pickle ball, and tennis. Class will also involve setting up and playing various tournaments.

STRENGTH & FITNESS

Course Code: PSF100
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Physical Education
Other Info: Repeatable

This class consists of lifting techniques and conditioning. Students will be on a three-day-per-week lift schedule. Cardiovascular and plyometric training will complete the weekly schedule.

ADVANCED STRENGTH & FITNESS

Course Code: [PSF250A] Fall & Winter sports / [PSF250B] Spring sports
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Prerequisite: BHS Head Coach Permission based on student-athlete completion of google form
Diploma Category: Physical Education
Other Info: Repeatable. **Athletes, if taking this class for one semester only, you must take it during your sport semester (Fall/Winter sports take it 1st semester, Spring sports take it 2nd semester). Year-round athletes may choose both semesters.**

This class is for the student who desires a strength and conditioning program tailored to a specific active need. Individualized workout plans will be created to help students develop both the physical and mental aspects of training and conditioning. Students will receive an introduction into sports psychology and sports nutrition to improve their overall health and well-being as an athlete. Student athletes must be very self-motivated and be prepared for very intensive training.

TEAM SPORTS

Course Code: PTS100
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Physical Education
Other Info: Repeatable

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, soccer, whiffle ball, team handball, volleyball and ultimate Frisbee. Curriculum will vary depending on the time of year and availability of facilities.

WALKING FITNESS

Course Code: PWA200
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Physical Education
Other Info: Repeatable

Walking fitness is a low-impact exercise program for those individuals who like to walk and talk. Students will be out on a daily walk. You will also receive instruction on nutrition and maintaining a healthy lifestyle.

YOGA & PILATES

Course Code: PYP100
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Category: Physical Education
Other Info: Repeatable

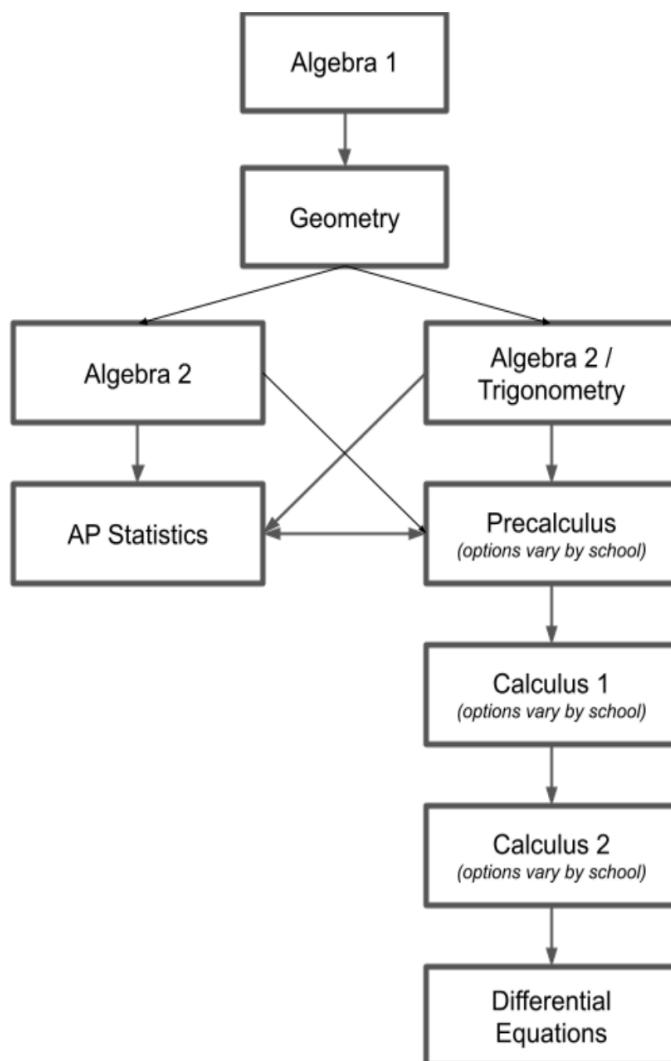
In this class, students will improve their muscular strength, endurance, and flexibility through yoga and Pilates practice. They will learn many basic postures, learn about the different styles of each practice, and will eventually be asked to create their own routine to share with the class. Students will spend time making individual goals for their progress throughout the semester. This class is open to all skill levels and is not religiously based.

MATHEMATICS

Mathematics is a subject that is growing at a rapid rate, spreading into new fields, creating new applications, and becoming increasingly crucial in our everyday world. To be prepared for this reality, all students are encouraged to learn as much mathematics as possible. Students are required to take three years of high school math for graduation, and students are strongly encouraged to take a math course their senior year as most universities recommend four years of mathematics.

The flowchart below shows possible math trajectories for students during high school. AP Computer Science Principles, AP Computer Science A and Robotics may also count toward completion of a student's third year of math. Students are encouraged to consider their post-high school plans and guidance from their counselor and math instructor(s) to inform their math decisions.

TO REQUEST AN EXCEPTION TO A GRADE LEVEL OR PREREQUISITE REQUIREMENT, PLEASE COMPLETE AND SUBMIT THIS [REQUEST AN EXCEPTION FORM](#)



ALGEBRA I

Course Code:	MAL100A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Diploma Category:	Algebra I
Notes:	High School level math courses require students to use a scientific 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.

GEOMETRY

Course Code:	MGE100A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Prerequisite:	Algebra I or Concurrent Enrollment in Algebra I
Diploma Category:	Geometry
Notes:	High School level math courses require students to use a scientific 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.

ALGEBRA II

Course Code:	MAL140A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Prerequisite:	Algebra I and Geometry
Diploma Category:	3rd Credit of Math
Notes:	High School level math courses require students to use a scientific 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, quadratic, exponential, logarithmic, square root, cubic, and those involving inverse variation. This course meets the third-year math requirement for high school graduation and college admission requirements.

ALGEBRA II - TRIGONOMETRY

Course Code:	MAL180A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Prerequisite:	Algebra I and Geometry
Diploma Category:	3rd Credit of Math
Notes:	High School level math courses require students to use a scientific 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 is a fast-paced, rigorous course of math that is more challenging than Algebra 2. 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.

BRIDGE TO COLLEGE MATHEMATICS

Course Code:	MAT135A/B
Length / Credit:	Full Year / 1.0
Grade:	12
Prerequisite:	Completion of Algebra II or teacher recommendation
Diploma Category:	3rd Credit of Math
Notes:	High School level math courses require students to use a scientific 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.

The course curriculum emphasizes modeling with mathematics and the Standards for Mathematical Practice found within Washington K-12 Mathematics Learning Standards (the Common Core State Standards, CCSS-M). Topics include building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. The course is designed to focus on building conceptual understanding, reasoning and mathematical skills and provides students engaging mathematics that builds flexible thinking and a growth mindset. For seniors who are successful in this course (B or better), the Bridge to College Mathematics course offers guaranteed placement into a college-level course when entering college directly after high school. **As a result of legislation in 2019, successful completion of this course qualifies as a graduation pathway for students who have not passed the Math SBAC.**

PRE-CALCULUS

Course Code:	MPC100A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Prerequisite:	Algebra II or Algebra II/Trigonometry
Diploma Category:	Algebra, Geometry, 3rd Credit of Math
Notes:	High School level math courses require students to use a scientific 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. The purpose of this course is to prepare students for Calculus the following year.

(MATH & 141 AND 142) PRECALCULUS I AND II

Course Code:	CHS115A/B
Length / Credit:	Full Year / 2.0
Grade:	9, 10, 11, 12
Prerequisite:	Algebra II or Algebra II/Trigonometry
Fees:	Students who choose to take this course for college credit must pay the college fee. Financial aid may be available, please see your teacher.
Diploma Category:	Algebra I, Geometry or 3rd Credit of Math
Notes:	High School level math courses require students to use a scientific 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. (For specifics on the college course fees, please see your teacher for the class or page 62 for more information)

This is a fast-paced, rigorous course of mathematics that is more challenging than Precalculus. The purpose of this course is to prepare students for Calculus the following year. The first semester of the course is equivalent to Math 141 (Pre-Calculus I) and second semester is equivalent to Math 142 (Pre-Calculus II). Students will continue to build and expand upon their understanding of functions and their 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. Students may choose to earn college credit through the Edmonds College in the High School program, please see your teacher for more information. Note: Students will need to complete a packet of summer work prior to beginning the class.

(MATH & 151) CALCULUS I

Course Code: CHS135A/B
Length / Credit: Full Year / 1.0
Grade: 10, 11, 12
Prerequisite:

Precalculus I or Precalculus I and II

Fees: Students who choose to take this course for college credit must pay the college fee. Financial aid may be available, please see your teacher.
Diploma Category: Algebra, Geometry or 3rd Credit of Math
Notes: High School level math courses require students to use a scientific 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. (For specifics on the college course fees, please see your teacher for the class or page 62 for more information).

This course is designed for the student who wishes to continue their math studies at a college level. This is a college level course that covers limits, derivatives, and their applications, including differentiation of algebraic, exponential, logarithmic, trigonometric, and inverse trigonometric functions and applications. If time permits an introduction of integrals will begin. This course is equivalent to Math 151 (Differential Calculus). Students may choose to earn college credit through the Edmonds College in the High School program, please see your teacher for more information.

(MATH & 151 AND 152) CALCULUS I AND II / AP CALCULUS AB

Course Code: CHS156A/B
Length / Credit: Full Year / 2.0
Grade: 9,10, 11, 12
Prerequisite:

(Math & 141 and 142) Precalculus I and II

Fees: Students who choose to take this course for college credit must pay the college fee. Financial aid may be available, please see your teacher. Optional for students choosing to take the AP exam in the Spring.
Diploma Category: Algebra, Geometry or 3rd Credit of Math
Notes: High School level math courses require students to use a scientific 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. (For specifics on the college course fees, please see your teacher for the class or - page 62 for more information). Students may take the corresponding AP exam in the spring for potential college credit. See your teacher for more information.

Students can choose the AP program, and/or the Edmonds College in the High School program. The first semester of the course is equivalent to Math 151 (Differential Calculus) and second semester is equivalent to Math 152 (Integral Calculus). The course includes the conceptual development, 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 Advanced Placement 'AB' exam in the spring.

(MATH & 153) CALCULUS III/AP CALCULUS BC

Course Code: CHS138A/B
Length / Credit: Full Year / 1.0
Grade: 10, 11, 12
Prerequisite:

(Math & 151 and 152) Calculus I and II / AP Calculus AB

Fees: Students who choose to take this course for college credit must pay the college fee. Financial aid may be available, please see your teacher. Optional for students choosing to take the AP exam in the Spring.
Diploma Category: Algebra, Geometry or 3rd Credit of Math
Notes: High School level math courses require students to use a scientific 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. (For specifics on the college course fees, please see your teacher for the class or - page 62 for more information).

This is a college level course that builds on the topics covered in (Math & 151 and 152) Calculus I and II / AP Calculus AB and extends to cover a third quarter of college calculus. Topics include: infinite sequences and series, Taylor series, calculus of polar and parametric representations, geometry of 2D and 3D space, and calculus of multivariable functions. This course covers AP Calculus BC curriculum. Students may choose to earn college credit through the Edmonds College in the High School program, please see your teacher for more information.

(MATH & 238) DIFFERENTIAL FUNCTIONS

Course Code:	CHS158
Length / Credit:	Semester/ 1.0
Grade:	12
Prerequisite:	Calculus III
Fees:	Students who choose to take this course for college credit must pay the college fee. Financial aid may be available, please see your teacher. Optional for students choosing to take the AP exam in the Spring.
Diploma Category:	3rd Credit of Math, Geometry, or Algebra I
Notes:	High School level math courses require students to use a scientific 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 teacher for more information.

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.

(Math & 146) INTRO TO STATISTICS/AP STATISTICS

Course Code:	CHS155A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Prerequisite:	Algebra II or Algebra II/Trigonometry
Recommendation:	Completion of Pre-Calculus
Fees:	Optional for students choosing to take the AP exam in the Spring. Financial aid may be available, please see your teacher. Students who choose to take this course for college credit must pay the college fee.
Diploma Category:	Algebra, Geometry, or 3rd Credit of Math
Notes:	High School level math courses require students to use a scientific 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 teacher for more information. (For specifics on the college course fees, please see your teacher for the class or page 62 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. Students may choose to earn college credit through the Edmonds College in the High School program, please see your teacher for more information.

MATH MENTOR

Course Code:	MAT110
Length / Credit:	One Semester / 0.5 Credit
Grade:	10, 11, 12
Prerequisite:	Teacher Permission – Link for Permission Form
Diploma Category:	Flexible
Notes:	Repeatable

This course is available either semester. Math Mentors work with a variety of students with a wide range of abilities. Math 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 this course. Math Mentors must be in a high-level math class and would mentor in a lower-level class.

SCIENCE

THREE SCIENCE CREDITS FOR HIGH SCHOOL GRADUATION

- **2.0 Credits of Lab Science**
- **1.0 Credit Third Year Science**

All BHS science courses, except Science Mentor, are lab science classes, and count toward the graduation requirements noted above. Astronomy, Chemistry, AP Chemistry, Physics and AP Physics satisfy college entrance requirements for an algebra-based science.

Student skills and interests vary, and students may choose any science class, subject to prerequisites, to fulfill the required science credits, including WANIC courses such as Automotive Tech 1 & 2, Culinary Arts, Baking and Pastry, or other technical courses such as AP Computer Science Principles or AP Computer Science A. Students should always refer to the course catalog to determine the type of credit a course bears.

It is recommended that students in the Highly Capable Program choose from among the following courses in Grade 9: Biology, Biology Extensions, CHS Introduction to Chemistry, and AP Physics 1. Subsequent courses should be selected in consultation with the student's science teacher and/or counselor.

TO REQUEST AN EXCEPTION TO A GRADE LEVEL OR PREREQUISITE REQUIREMENT, PLEASE COMPLETE AND SUBMIT THIS [REQUEST AN EXCEPTION FORM](#).

ASTRONOMY

Course Code: SCA100
Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Diploma Categories: Lab Science or Third Year of Science

Ever wonder about the nighttime sky? The stars? The planets? The universe? If yes, this is the class for you! In this course students will learn about the constellations, our solar system, stars, the interstellar medium, galaxies, and the universe. We will also explore the history of astronomy and how astronomers learn so much about the objects in our sky that are so far away. Astronomy is interdisciplinary – we will learn some physics and chemistry in order to understand how our universe has changed over time. We will have a star party or, if it is cloudy, visit the IHS planetarium, do hands-on labs, create our own constellations, and look at the heavens through a telescope when weather permits. You will need to bring some solid math skills including algebra, geometry, and the ability to understand scientific notation, but you will leave with a sense of our place in the universe.

BIOLOGY

Course Code: SCB100A/B
Length / Credit: Full Year / 1.0
Grade: 9, 10, 11, 12
Diploma Category: Lab Science or Third Year of Science

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.

BIOLOGY EXTENSIONS

Course Code:	SCB115A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Diploma Category:	Lab Science or Third Year of Science
Other:	This is an advanced Biology class and an honors designation.

Biology Extensions is a year-long laboratory-based science course. In addition to the topics and themes covered in Biology, Biology Extensions will emphasize the molecular processes associated with cellular and biological systems. Additionally, there will be a significant utilization of modeling as a way for students to more deeply appreciate the complexity of the biological systems we will explore. Biology Extensions is aligned to the NGSS high school performance expectations for life science and also integrates sustainability principles. The major disciplinary themes of metabolism, behavior, genetics, evolution, ecology, and sustainability. Students will engage in both science and engineering practices as they explore these themes and relate them to the cross-cutting concepts of science.

AP BIOLOGY

Course Code:	SCB180A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Prerequisite:	Chemistry or Concurrent Enrollment in Chemistry
Recommendation:	Completion of Biology or Biology Extensions
Fees:	Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your teacher.
Diploma Category:	Lab Science or Third Year of Science
Notes:	Students may take the corresponding AP exam in the spring for potential college credit. See your 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.

(CHEM 100) CHS INTRODUCTION TO CHEMISTRY

Course Code:	CHS319A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Prerequisite:	Algebra II or Algebra II/Trig or concurrent enrollment in Algebra II or Algebra II/Trig
Fees:	Students who choose to take this course for college credit must pay the college fee. Financial aid may be available, please see your teacher.
Diploma Category:	Lab Science or Third Year of Science
Notes:	For specifics on the college course fees, please see your teacher or page 62 for more information.

This is a first-year, introductory, laboratory-based chemistry course. The course will address the NGSS performance expectations that relate to chemistry with particular emphasis on topics needed to earn CHS credit: Types and properties of matter, the expression and use of data, types and characteristics of chemical reactions, solving problems using dimensional analysis, stoichiometry, solubility, and concentrations of solutions. This course is excellent preparation for AP Chemistry and AP Biology. Students can earn 5 credits for CHEM 100 Introduction to Chemistry through the Eastern Washington University College in the High School Program.

AP CHEMISTRY

Course Code:	SCC160A/B
Length / Credit:	Full Year / 1.0
Grade:	10, 11, 12
Prerequisite:	CHS Chemistry
Fees:	Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your teacher.
Diploma Category:	Lab Science or Third Year of Science
Notes:	Students may take the corresponding AP exam in the spring for potential college credit. See your 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.

(ENVS 100) CHS INTRODUCTION TO ENVIRONMENTAL SCIENCE

Course Code:	CHS309A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Prerequisite:	Biology and either Chemistry or concurrent enrollment in Chemistry
Fees:	Students who choose to take this course for college credit must pay the college fee. Financial aid available, please see your teacher.
Diploma Category:	Lab Science or Third Year of Science
Notes:	For specifics on the college course fees, please see your teacher for the class or page 62 for more information. Science

This College in the High School course is geared toward students who want to be informed and thoughtful citizens at a time in history when human activity is having a significant impact on the environment. Critical, timely topics in environmental science will be framed by three recurring questions: How would this process operate naturally if humans weren't here? But we are here, and how does our activity influence the process? Could we do things differently, accomplish the same goals, and have a smaller impact on the environment? Specific topics are likely to include environmental worldviews, sustainability, biodiversity, human population, water quality and supply, soil, land use, air quality, climate change and alternative energy sources. Students can earn 5 credits for ENVS 100 Introduction to Environmental Science through the Eastern Washington University College in the High School Program.

AP ENVIRONMENTAL SCIENCE

Course Code:	SCE200A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Fees:	Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your teacher.
Diploma Category:	Lab Science or Third Year of Science
Notes:	Students may take the corresponding AP exam in the spring for potential college credit. See your 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.

FORENSICS

Course Code:	SCF200
Length / Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Diploma Categories:	Lab Science or Third Year of Science

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.

INTRODUCTION TO HUMAN ANATOMY

Course Code: SCA200
Length / Credit: Semester / .5
Grade: 10, 11, 12
Diploma Category: CTE, Lab Science or Third Year of Science

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.

INTRODUCTION TO HUMAN PHYSIOLOGY

Course Code: SCP141
Length / Credit: One Semester / 0.5 Credit
Grade: 10, 11, 12
Diploma Category: CTE, Lab Science or 3rd Credit of Science

This course is open to students who are interested in a career in working with and around the human body; such as medicine, physical therapy, dentistry, chiropractic, fitness training, nursing, occupational therapy, massage therapy and sports medicine among others. This course is in alignment with Introduction to Anatomy and should be taken in conjunction. Focus is the study of functions and activities of living organisms and their body parts, including the physical and chemical processes in organisms structure and function. Extensive labs and activities support concepts learned.

MARINE BIOLOGY

Course Code: SCM100
Length / Credit: One Semester / 0.5 Credit
Grades: 10, 11, 12
Prerequisite: **Successful Completion of Biology**
Diploma Categories: Lab Science or Third Year of Science

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. Units include the composition of seawater, tides, currents and the types of marine habitats, oceanography, and human impacts. The course content 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 online research.

PHYSICS

Course Code: SCP100A/B
Length / Credit: Full Year / 1.0
Grade: 9, 10, 11, 12
Prerequisite: **Algebra I**
Diploma Category: Lab Science or Third Year of Science

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 charge, magnetism, energy, forces, and gravitation. 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.

AP PHYSICS 1

Course Code:	SCP181A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Prerequisite:	Completion of 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 teacher.
Diploma Category:	Lab Science or Third Year of Science
Notes:	Students may take the corresponding AP exam in the spring for potential college credit. See your 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.

AP PHYSICS 2

Course Code:	SCP182A/B
Length / Credit:	Full Year / 1.0
Grade:	10, 11, 12
Prerequisite:	AP Physics I
Fees:	Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your teacher.
Diploma Category:	Lab Science or Third Year of Science
Notes:	Students may take the corresponding AP exam in the spring for potential college credit. See your 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.

SCIENCE MENTOR

Course Code:	SCI110
Length / Credit:	Semester / 0.5
Grade:	10, 11, 12
Prerequisite:	Teacher Permission – Link to Permission Form
Diploma Category:	Flexible

Science 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 this course.

SCIENTIFIC RESEARCH & DESIGN

Course Code:	SCI115
Length / Credit:	Semester / 0.5
Grade:	9,10, 11, 12
Diploma Category:	Lab Science or Third Year of Science
Notes:	Repeatable

This class is designed to provide an opportunity to expand scientific knowledge and develop engineering and research skills through practical and theoretical understanding of research and design. Students will design and complete projects using scientific inquiry and experimentation methodologies. The engineering practices of research, design, testing, and redesign will be front and center throughout. Additional emphasis will be placed on safety, variable manipulation and control, data analysis, and a coherent display of outcomes.

ZOOLOGY

Course Code:	SCZ100
Length / Credit:	One Semester / 0.5 Credit
Grades:	10, 11, 12
Prerequisite:	Successful completion of Biology
Diploma Categories:	Lab Science or Third Year of Science

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. Topics include the natural history of the major groups of animals, taxonomy, survey of animal phyla and adaptations. 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.

SOCIAL STUDIES

TO REQUEST AN EXCEPTION TO A GRADE LEVEL OR PREREQUISITE REQUIREMENT, PLEASE COMPLETE AND SUBMIT THIS [REQUEST AN EXCEPTION FORM](#).

WORLD HISTORY

Course Code: SSW125A/B
Length / Credit: Full Year / 1.0
Grade: 9, 10
Diploma Category: World History

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.

AP WORLD HISTORY

Course Code: SSW205A/B
Length / Credit: Full Year / 1.0
Grade: 9, 10, 11, 12
Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your teacher.
Diploma Category: World History
Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your 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 significant homework requirements.

AP ART HISTORY

Course Code: SSA400A/B
Length / Credit: Full Year / 1.0
Grade: 9, 10, 11, 12
Prerequisite: **Successful completion of World History or AP World History**
Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your teacher.
Diploma Category: Flexible
Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your 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.

UNITED STATES HISTORY

Course Code: SSU300A/B
Length / Credit: Full Year / 1.0
Grade: 11
Diploma Category: US History

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.

(HIST111/HIST112) AMERICAN HISTORY/AP UNITED STATES HISTORY

Course Code:	CHS630 A/B
Length / Credit:	Full Year / 2.0
Grade:	11
Fees:	Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your teacher. Students who choose to take this course for college credit must pay the college fee, see your teacher for more information.
Diploma Category:	US History
Notes:	Students may take the corresponding AP exam in the spring for potential college credit. See your teacher for more information. (For specifics on the college course fees, please see your teacher for the class or see page 62 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 of full-year introductory college courses. This accelerated survey course will cover topics from the Age of Discovery to the present. Students who enroll in the course are expected to be willing to accept academic challenges and able to move at a fast pace. This is a demanding course with a significant homework requirement. Credits earned through Eastern Washington University (HIST 111 and HIST 112).

CIVICS

Course Code:	SSC445
Length / Credit:	Semester / 0.5
Grade:	12
Diploma Category:	Civics

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

CONTEMPORARY WORLD PROBLEMS

Course Code:	SSG445
Length / Credit:	Semester / 0.5
Grade:	12
Diploma Category:	Contemporary World Problems

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

(POLS& 202) AMERICAN GOVERNMENT/AP US GOV & POLITICS

Course Code:	CHS647 A/B
Length / Credit:	Full Year / 1.0
Grade:	12
Fees:	Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your teacher. Students who choose to take this course for college credit must pay the college fee, see your teacher for more information.
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 teacher for more information. (For specifics on the college course fees, please see your teacher for the class or see page 62 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 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. Credits earned through Cascadia College (POLS&202).

AP HUMAN GEOGRAPHY

Course Code:	SSG440 A/B
Length / Credit:	Full Year / 1.0
Grade:	9, 10, 11, 12
Fees:	Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your teacher.
Diploma Category:	Flexible
Notes:	Students may take the corresponding AP exam in the spring for potential college credit. See your 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.

INTRODUCTION TO LAW & THE JUSTICE SYSTEM

Course Code:	LAW200
Length / Credit:	One Semester / 0.5 Credit
Grades:	10, 11, 12
Diploma Category:	Flexible

Intro to Law & the Justice System is an introduction to the structure of the legal system. The course will cover how the United States legal system reflects and forms social values; resolves disputes; deals with criminal procedures; addresses torts and contracts; and examines the functioning of the Constitution. Special emphasis will be given to the practical application of law for citizens and helping students develop legal knowledge and reasoning skills. Students will regularly engage in debates, present ideas and arguments to their classmates and collaborate with one another to locate information about their future career goals and intersections with law. Students will engage in both gathering and applying knowledge about the law in this class, in projects designed to facilitate written analysis, interviewing skills, oral presentations and discussion and debate.

ETHNIC STUDIES

Course Code:	SSE200
Length / Credit:	One Semester / 0.5 Credit
Grades:	9, 10, 11, 12
Diploma Category:	Flexible

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.

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. Currently there is not a high school World Language graduation requirement. However, the four-year colleges and universities in Washington State have a two-year minimum entrance requirement of one language sequence and many universities recommend at least three years of language study.

All world language classes are repeatable with instructor approval, but priority is given to first time learners.

FIRST YEAR LANGUAGES

Heritage speakers may be able to start above the 100 level, depending upon their language skills.

AMERICAN SIGN LANGUAGE 100

FRENCH 100

GERMAN 100

JAPANESE 100

SPANISH 100

Course Codes:	[ASL: WLX100 A/B] [French: WLF100 A/B] [German: WLG100 A/B] [Japanese: WLJ100 A/B] [Spanish: WLS100 A/B]
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Diploma Category:	American Sign Language - Career & Technical Education French, German, Japanese, Spanish - Flexible
Fee:	For American Sign Language - optional \$50 Fee covers all PNW-CC courses taken in a given school year (see page 63 for more information). For French, German, Japanese, or Spanish – workbook fees may apply
Other Info:	For American Sign Language - 5 Pacific NW College Credits available when grade of B or better is earned at Lake Washington Institute of Technology as ASL& 121.

Upon registering for a first-year language it is highly recommended that students also indicate TWO first-year language alternates in case their top choices aren't available.

Beginning language courses introduce the basics of the language and culture through simulated real-life situations, music, games, storytelling, role play, and other activities. The classroom setting covers the range of whole group, small group, pair work, individual work, and immersion. Language courses provide opportunities for students to build their interpersonal, interpretive, and presentational communication skills. The goal for year-end will be that students have gained a foundation of vocabulary and grammar to facilitate communication in the language.

***ASL Note:** All levels of ASL offer college credit. Two years of ASL satisfies the CTE pathway for graduation. The ASL course operates in a voices-off environment that emphasizes critical skills in Deaf culture, such as holding eye-contact and interacting with others.

SECOND YEAR LANGUAGES

AMERICAN SIGN LANGUAGE 200

FRENCH 200

GERMAN 200

JAPANESE 200

SPANISH 200

Course Code:	[ASL: WLX200 A/B] [French: WLF200 A/B] [German: WLG200 A/B] [Japanese: WLJ200 A/B] [Spanish: WLS200 A/B]
Length / Credit:	Full Year / 1.0 Credit
Grades:	American Sign Language - 10, 11, 12 French, German, Japanese, Spanish - 9, 10, 11, 12
Prerequisite:	Successful completion of the 100-level course of the same language
Recommended:	Strongly encourage a grade of C or better in 1 st year language
Diploma Category:	American Sign Language - Career & Technical Education French, German, Japanese, Spanish - Flexible
Fee:	American Sign Language - Optional \$50 Fee covers all PNW-CC courses taken in a given school year - see page 63 for more information. French, German, Japanese, Spanish - Workbook fees may apply.
Other Info:	For American Sign Language - 5 Pacific NW College Credits available when grade of B or better is earned at Lake Washington Institute of Technology as ASL& 122.

In second-year language courses, students will expand their knowledge and fluency of the language by increasing their vocabulary base and strengthening their ability to communicate in the target language. The goal for year-end will be that students have expanded their vocabulary and grammar to facilitate communication in the target language at an intermediate level. Second year language courses provide opportunities for students to deepen their interpersonal, interpretive, and presentational communication skills.

American Sign Language emphasis: functional application, classifiers, use of spatial referencing, role-shifting, signer's point of view, verb inflections, dialogues, narratives, virtual portfolios, deaf history, culture, community, the greater deaf community, and agencies serving the deaf and hard-of-hearing.

French, German, Japanese, Spanish emphasis: listening, reading, writing, oral communication, and culture.

THIRD YEAR LANGUAGES

AMERICAN SIGN LANGUAGE 300

Course Code:	WLX300 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	11, 12
Prerequisite:	ASL 200
Diploma Category:	Career & Technical Education
Fee:	Optional \$50 Fee covers all PNW-CC courses taken in a given school year - see page 63 for more information
Other Info:	5 Pacific NW College Credits available when grade of B or better is earned at Seattle Central Community College (ASL 123)

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, the deaf/blind community, mock interpreting simulations, poetry, iconic art, and careers with ASL.

FRENCH 3rd YEAR/CHS: ELEMENTARY FRENCH (FRENCH 103)

Course Code:	CHS806 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades:	9, 10, 11, 12
Prerequisite:	Successful completion of French 200
Diploma Category:	Flexible
Fee:	(1) Workbook Fee; (2) Optional fee for those choosing to earn college credit
Other Info:	5 College credits available through the University of Washington College in the High School Program for French 103. See your teacher or page 62 for more information.

This College in the High School third-year French course is conducted largely in an immersion environment with the exclusive use of French in the classroom and an emphasis on communication skills, interactive presentation of grammar, and daily practice outside of class. In third-year French we will strive toward proficiency in all communication skills. Through discussion, conversations, and role-play, students will have an opportunity to practice and improve their acquired French skills. An extensive review of grammar enables students to speak French at an advanced level. The goal for year-end will be that students will have a working proficiency in French.

GERMAN 3rd YEAR/CHS GERMAN (GERM& 123)

Course Code:	CHS816 A/B
Length / Credit:	Full Year / 1.0 Credit
Grades	10, 11, 12
Prerequisite:	Successful completion of 200-level course of same language
Diploma Category:	Flexible
Fee:	Optional fee for those choosing to earn college credit
Other Info:	5 College credits available through the Everett Community College College in the High School Program. See your teacher or page 62 for more information.

In this College in the High School third-year German course, students will practice functional elements of German pronunciation, grammar and culture in the context of practical conversational German. Listening, speaking, reading and writing to communicate in a logical, natural and personalized way.

JAPANESE 3RD YEAR/CHS JAPANESE III (JAPN& 123)

SPANISH 3RD YEAR/CHS SPANISH III (SPAN 123)

Course Code:	[Japanese: CHS827 A/B] [Spanish: CHS838 A/B]
Length / Credit:	Full Year / 1.0 Credit
Grades:	10, 11, 12
Prerequisite:	Successful completion of the 200-level course of the same language
Diploma Category:	Flexible
Fee:	Optional fee for those choosing to earn college credit
Other Info:	5 College credits available through the College in the High School Program at Cascadia College (Japanese Course # JAPN& 123) (Spanish Course # SPAN 123)

Local institutions of higher education, 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, students in 10th, 11th and 12th grade may earn 5 college credits transferable to most other 4-year colleges in the nation. 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. For specifics on the college course fees, please see your teacher or page 62 for more information.

FOURTH YEAR LANGUAGES

AMERICAN SIGN LANGUAGE 400

Course Code: WLX425 A/B
Length / Credit: Full Year / 1.0 Credit
Grades: 12
Prerequisite: ASL 300
Diploma Category: Career & Technical Education

ASL 400 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, the deaf/blind community, mock interpreting simulations, poetry, iconic art, and careers with ASL.

FRENCH 400

Course Code: WLF400 A/B
Length / Credit: Full Year / 1.0 Credit
Grades: 9, 10, 11, 12
Prerequisite: Successful completion of 3rd year French
Diploma Category: Flexible

In fourth-year French, students will begin their literature studies using adapted and abridged texts in French. Some texts may include: *Les Misérables*, *L'Étranger*, *Le Petit Prince*, *Le Petit Nicolas*, and more! Authentic up-to-date sources such as French websites and online articles may also be used. The focus in fourth-year French will be reading and writing, as students solidify their basic vocabulary and grammar skills through the context of literature. Students in fourth-year French must be able to work independently on long-term projects.

Note: French 400 is NOT a College in the High School Course. It is also NOT an AP course. However, many students in their 4th year of French do decide to pursue the AP French exam on their own. Please see the AP Coordinator for more information about the AP French exam.

JAPANESE 4TH YEAR/CHS: CHS JAPANESE IV (JAPN& 221)

SPANISH 4TH YEAR/CHS: CHS SPANISH IV (SPAN 221)

Course Code: [Japanese: CHS826 A/B] [Spanish: CHS839A/B]
Length / Credit: Full Year / 1.0 Credit
Grades: 10, 11, 12
Prerequisite: Successful completion of the 300+ level course of the same language
Diploma Category: Flexible
Fee: Optional fee for those choosing to earn college credit
Other Info: 5 College credits available through the College in the High School Program at Cascadia College (Japanese: JAPN& 221) (Spanish: SPAN 221).

In this fourth-year course we will strive toward proficiency in all communication skills. The course is conducted largely in an immersion environment. Students will have an opportunity to improve and practice their acquired skills. An extensive review of grammar enables students to speak at an advanced level. The goal for year-end will be that students will have a working proficiency in the language. The local institutions of higher education, as part of their College in the High School Program, may offer their 201-level course as a fourth-year language course option. After paying the class tuition and successfully completing the course, juniors and seniors may earn 5 credits through that respective college, transferable to most other 4-year colleges in the nation. 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. For specifics on the college course fees, please see your teacher or page 62 for more information.

WORLD LANGUAGE COMPETENCY TEST

Can you read, write, speak, and listen in a language other than English?

In the Northshore School District, you can earn high school credit in a World Language by successfully passing a World Language Competency test and demonstrating your proficiency in reading, writing, speaking, and listening. You may also earn a Seal of Biliteracy on your high school diploma for demonstrating a high level of proficiency.

Visit: [nsd.org/In-Our-Schools>Assessment>World Language Competency Test to sign up for this exam early in the school year](https://nsd.org/In-Our-Schools>Assessment>World-Language-Competency-Test-to-sign-up-for-this-exam-early-in-the-school-year).

ADDITIONAL COURSE OFFERINGS

EDGENUITY CREDIT RETRIEVAL

Course Code: OLC999
 Length / Credit: One or Two Semesters / 0.5 Credit per Semester
 Grades: 9, 10, 11, 12
 Diploma Category: Varies by Subject Needed

Edgenuity is a credit recovery program designed for students who need to make up a course they previously failed. Bothell High School students who have failed a course are encouraged to access this free, online program to make up the credit needed for graduation.

Students will work on the subject needed (0.5 credit per semester) in a computer lab under the supervision of a teacher. Courses are graded on a credit / no credit basis. Credit is awarded and posted to transcript once the Edgenuity course is completed.

Students who have failed a course are encouraged to speak with their school counselor to discuss options to stay on track for graduation.

OFFICE & TEACHER ASSISTANTS

Course Code: Counseling: YCO100 – Office: YMO100 – Teacher: YTA100
 Length / Credit: One Semester / 0.5 Credit
 Grades: 11, 12
Prerequisite: Staff Permission – [Link to Permission Form](#)
 Diploma Category: Flexible
 Other Info: Repeatable

Students will help with varied clerical tasks and other skills pertinent to the job. Student assistant positions with teachers, office, and library staff require conscientious work habits and good attendance. Student will receive a Credit/No Credit grade.

PEER TUTORING ~ Advocate for English Language Learners

Course Code: YYN070
 Length / Credit: One Semester / 0.5 Credit
 Grades: 10, 11, 12
Prerequisite: Instructor Permission - [Link to Permission Form](#)
 Diploma Category: Flexible Credit

Peer tutoring is a semester-long opportunity for students fluent in the English language to give assistance in speaking, reading, and writing to English Language Learners (ELL). The peer tutor is matched with one or more ELL students to assist in language skill development.

WORK STUDY

Course Code: YYN410
 Length / Credit: One or Two Semesters / 0.5 Credit per Semester
 Grades: 9, 10, 11, 12
Prerequisite: Application and acceptance; Student is legally employed
 Diploma Category: Flexible
 Other Info: Repeatable for up to 2 credits maximum on the transcript; 1.0 credit per school year

Students may earn 0.5 credit per semester in the work study program (maximum 1.0 credit per school year) by completing 180 hours of work in legal employment. Students must be taking a minimum of 5 other classes per semester to be eligible for this program. The work study experience will generally be done outside of school hours, but the student may use their last period of the school day for work study purposes. A work study application is required and is available in the Counseling Center. An employer's evaluation report of the student's work record, indicating satisfactory progress on the job, shall be filed with the school at the end of the semester.

LATE ARRIVAL/EARLY DISMISSAL

Course Code: [Late Arrival - YYN100] [Early Dismissal - YYN110]
 Length / Credit: One or Two Semesters
 Grades: 11, 12

For students who are on track to graduate and are taking five classes (for seniors) and six classes (for juniors)

COURSES FOR STUDENTS IN 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 needs for specially designed instruction. Students are also expected to meet all graduation requirements including full credits, state assessments, and the High School & Beyond Plan. Some students may qualify for modifications in state assessments and modified credit expectations as noted on their IEPs. **Modified Special Education or Learning Center course codes on a student's transcript may not meet 4-year college entry requirements.**

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 may not meet the 4-year college entry requirements.

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.

LEARNING CENTER MATH

The Bothell High School Learning Center offers a math course for students that struggle to be successful in a general education supported math class or with a co-taught math model. This Learning Center Math course combines a pre-algebra curriculum with individual math needs as determined by the IEP team and has the goal of placing students into an Algebra I course, either supported or co-taught, the following year. However, the final placement of all students is still determined by the IEP team. Learning Center Math classes have special education codes.

CO-TAUGHT & SUPPORTED CLASSES

The Bothell High School Learning Center offers SPED services in a co-teaching model as well as a supported class model. While there are varying co-teaching models, co-teaching 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, English, or Social Studies. Supported classes involve having a paraprofessional in a general education classroom that supports IEP students under the guidance of a Special Education teacher. The paraprofessional consults with the Special Education teacher on how IEP goals and supports can be met. If the special education student in either of these classes has modifications to the curriculum, they will have a special education course code, but if the student only needs to utilize accommodations, then they will have a general education course code.

POSITIVE BEHAVIOR SUPPORT CLASSROOM ~ Also known as ASPIRE

Bothell High School has specially designed behavior programs for students that require support in the areas of behavior, social skills, and social-emotional needs. Courses offered in these programs are noted with special education course codes.

MID-LEVEL CLASSES*

Mid-Level (ML) 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 & 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 & ACADEMICS 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.

GENERAL INFORMATION

SCHEDULE CHANGE POLICY

Bothell High School's academic schedule is based upon student course requests from the previous spring. Courses that are offered and staffing for the following year are based on choices students make during the registration process. It is critical that the choices made by students during registration are considered to be final. Therefore, schedule changes are permitted for the following reasons:

- Missing Graduation requirement
- Missing core academic requirements (such as no English)
- Duplicate classes (such as 2 PE classes in same semester)
- Running Start, WANIC or Satellite conflicts
- Obvious error (such as Junior in English 10)
- IEP or ELL placement issues
- Medical conflict (such as broken leg in PE)
- Needing college prep class to meet college entrance requirements
- Incorrect placement in class as determined by instructor
- Open (unscheduled) period
- Balancing class sizes (under-enrolled classes can be filled)
- Dropping a class for late arrival or early dismissal if credits allow
- Dropping a class to become a teacher's assistant for elective credit (11th or 12th where credits allow)

Semester course changes may be allowed within the **first 10 days** without penalty. After the tenth (10th) day, courses dropped will receive an 'NC' grade on student transcript. Any schedule change that does not meet these criteria is subject to administrative approval.

FEES & FINES

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. Other optional expenses associated with high school may include: ASB sticker, yearbook, school pictures, parking permit, etc. See course description for any additional class fees.

Fines

It is the student's responsibility to monitor the safekeeping of books, materials, and equipment issued by the school. A replacement fine will be assessed for lost, stolen, or damaged school property. Fine monies collected will be used by the school to purchase replacement materials.

In the event the student does not make proper restitution, the following may occur:

- Grades or diplomas may be withheld.
- Students transferring to another school will have the enrolling school notified of unpaid fines/fees.
- The student may be held out of participation in extracurricular activities, including athletics.
- Parking passes 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.

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:

- 0.5 credit of Life Fitness
- 1.0 credit of PE 9-12
- 0.5 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 1.0 credit of PE 9-12 through sports participation. Each athletic season = 0.25 credit waiver. (Unified sports requires 2 seasons to earn 0.25 credit waiver). Life Fitness and Health cannot be waived through athletic participation.
2. Students exempted from the PE 9-12 requirement must substitute equivalency credits in accordance with NSD school board policies (see Page 2 for graduation requirements).
3. Students may request an exemption from PE for medical reasons. Medical exemptions must be verified by a physician in writing.
4. Outside NSD sports activity waiver request.

PE Waiver Policy:

Some Satellite and WANIC students are exempted from this maximum credit per year requirement if their program required a "travel period" to commute to their onsite technical program. Running Start students are included in this policy and are also expected to earn seven credits per school year.

[PE Waiver Forms](#) may be found at nsd.org > Resources > Reference > Frequently Requested Forms > Credit & Records for Secondary Schools. Completed PE Waivers for full academic load should be submitted to the high school counselor and will be reviewed by the principal. Waiver requests must be submitted **prior to the end** of the student's **junior** year.

ATHLETIC ELIGIBILITY

The following criteria are required for a student to participate in Bothell High School athletics:

1. Must be a student at BHS or live within BHS boundaries if attending alternate high school
2. The student shall have passed six of seven full-time classes or the equivalent in the previous semester and continue to pass six classes at each grade check. Seniors who are on track to graduate taking five classes must be passing five. Students taking only six must be passing all six and have a minimum 2.0 GPA in the preceding semester
3. Provide a physical that is valid through the last day of the sport's season
4. Complete online sports registration
5. Cannot have an early dismissal in their schedule during the current sport season
6. Provide health insurance information or purchase health insurance
7. Purchase an ASB sticker, and within the first two weeks of start of season, pay the participation fee for sport
8. Have all fines and fees paid prior to the first sport competition of the season

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 and/or NAIA Eligibility Centers. A separate application to the NCAA or NAIA is required before any scholarship or athletic recruitment may take place. It is the responsibility of each student to meet the requirements. For more information, visit the NCAA Eligibility Center website at: <https://web3.ncaa.org/ecwr3/>. Or visit the NAIA Eligibility Center website at: <https://play.mynaia.org/>

or contact

BJ Dawson, our Career and College Readiness Counselor - 425.408.7028 - bdawson@nsd.org

NAVIANCE

The Northshore School District is proud to partner with [Naviance/Family Connection](#) to deliver a comprehensive high school and beyond plan curriculum. Naviance/Family Connection 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 research colleges effectively and efficiently. Students and parents access their individual accounts through their school's individual Family Connection website. For more information on how to access the Naviance/Family Connection site, please see your student's counselor or career specialist (OIS). Some additional resources the Naviance/Family Connection program offers includes:

- Researching local scholarship options
- Searching and comparing colleges
- Displaying scatter grams of historical college and admissions data
- Registering for college visits & informational sessions
- Exploring personality types and matching them with career interests
- Researching careers
- Creating a résumé / activities log

WANIC – Satellite Course Options

Career & Technical Education Courses

Earn High School Credit ~ College Credit Available ~ No Tuition

All classes earn Career & Technical Education credits toward high school graduation and may offer other course equivalencies to help you meet graduation requirements. Check with the teacher, your counselor, or Occupation Information Specialist (Career Counselor)

It is Easy to Enroll:

- Find out details about the course offerings at www.wanic.org
- Complete an application online
- Receive an email confirmation of your enrollment
- Contact the Career Counselor with questions
- WANIC Summer Academy information is available at www.wanic.org in March

2023 - 2024 - Three credit courses located at Lake Washington Institute of Tech, local high schools & colleges

- Auto Technology
- Aviation Technology
- Baking & Pastry Arts
- Building Industry Technology – CorePLUS Construction
- Cisco Networking
- Culinary Arts
- Dental Careers
- DigiPen Art & Animation
- DigiPen Analysis and Visualization
- DigiPen Game Design
- DigiPen Music & Sound Design
- DigiPen Video Game Programming
- Fire & EMS
- Health Science Careers (Nursing)
- Institute for Systems Biology – Systems Medicine
- Medical Careers

WASHINGTON NETWORK FOR INNOVATIVE CAREERS

11605 – 132nd Avenue NE
Suite A108

Kirkland, WA 98034

425.739.8400

wanic@lwsd.org

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

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

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 or senior standing and have earned at least 10 credits. Steps to apply can be found on the BHS Counseling website under [Running Start](#).

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 align. 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 their 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	10 credits
4 classes	8 credits
5 classes	6 credits
6-7 classes	3 credits

Each college and university makes its own decisions with regard 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.

COLLEGE COURSEWORK

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 may be available for examinations successfully taken in high school
- AP courses can exempt 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
- May reduce college costs and time to obtain a degree
- Provides direction in selecting college majors

COLLEGE IN THE HIGH SCHOOL (CHS)

Students have the opportunity to earn college credit in approved high school courses. These courses are indicated with the College in the High School (CHS) designator. Students may take the course for high school credit only, choosing not to pay the college fee. Students who choose to take the course for college credit, must pay the college or university fee and meet all content requirements in addition to high school course content. Students earning college credit will receive a grade and transcript from the college or university and that credit may count as elective or academic credit depending on the receiving college's transfer credit policies. Specific information regarding the credit provider and fees will be provided by the class instructor.

Note: Per state guidelines, 'dual credit' courses such as Advanced Placement (AP) and College in the High School (CHS) must be clearly listed as one or the other on the high school transcript. Some NSD classes are offered as both AP and CHS courses, but students must choose whether they want the AP option or the CHS option, which will determine how the course is listed on their transcript. Students who pay for College in the High School option will not have the AP course title on their transcript, and vice-versa. **It is important that students and parents do research at the colleges where they plan to apply to see which program is most beneficial to them and choose accordingly.**

For a thorough explanation of the dual credit guidelines, please read this document from OSPI: [College in the High School and Other Dual Credit Program Guidelines](#). In addition, the following webpage can provide students information on how WA State colleges apply the AP test scores: [Washington Student Achievement Council – Dual Credit](#).

2023-24 Local College Credit Fees

Bellevue College - \$116.05 per credit
Cascadia College - \$215 per 5 credit course
Eastern Washington University - \$65 per credit
Edmonds Community College - \$215 per 5 credit course
Everett Community College - \$220 per 5 credit course
University of Washington - \$66 per credit and a one-time registration fee of \$45

PACIFIC NW COLLEGE CREDIT

The Pacific NW College Credit program provides students with the opportunity to earn community/technical college credit for certain high school courses.

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

- Enrolling in a Pacific NW College Credit class
- Registering for a Pacific NW College Credit class
- Paying the \$50 Consortium Fee* at PNWCollegeCredit.org. Fee covers all PNW-CC courses taken in a given school year.
- Completing their Pacific NW College Credit high school courses with a grade of B or higher

Courses for which Pacific NW College Credit are available are noted on the diploma category line. Additional information about approved Pacific NW CC programs is available from course instructors, your Career & College Counselor, or at www.PNWCollegeCredit.org

*Fee may be subject to change

*Financial assistance is available for individuals who qualify

MISCELANEOUS INFORMATION

GPA Scale

Alpha Mark Scale	GPA Scale (State Required)
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
NC	0.0

Exceptions: Teacher and Office Assistant positions will be graded Pass (P) or No Credit (NC).

Each student's grade point average shall be the sum of the point values, as defined above, of all grades received for all courses attempted, divided by the sum of the credits for all courses attempted. All grades for all courses taken shall be included in the calculation of grade point averages; the 'P' grade shall not be computed.

Courses Taken Outside of NSD

Online Courses

Students choosing to take courses from outside online course or program providers must check with their counselor to ensure these providers have been approved by the Digital Learning Department of the Office of Superintendent of Public Instruction (OSPI). Only courses from approved providers will be accepted as viable transfer credits.

Students choosing to take courses from educational institutions outside of NSD and wishing to add these courses to their BHS transcript should consult the [Digital Learning Department](#) of the Office of Superintendent of Public Instruction (OSPI). Only courses from approved providers will be accepted as viable transfer credits.

Summer School

Students who need to make up credits in order to graduate with their class are encouraged to consider summer school through the [Northshore Summer Academy program](#). Additional courses are also available through summer school. Information is available on the district website or counseling offices in April.

GLOSSARY

USING THIS CATALOG

This catalog is organized by category. Courses in this catalog may be offered at one, two or all four of our comprehensive high schools. Students may access classes and programs only at their high school of record/home high school unless they are 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.

A glossary of terms and diploma category descriptions are provided below.

Accuplacer:	An optional placement test students may take to determine their level of skill and competence in math, reading and English. It is a multiple-choice test with an essay section provided by CollegeBoard.com .
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
ASB:	Associated Student Body
ASL:	American Sign Language
ASVAB:	The ASVAB Career Exploration Program is a career planning and exploration program that combines a multiple-aptitude test with an interest self-assessment and a wide range of career exploration tools designed to help students explore the world of work and gain confidence in making career decisions.
BHS:	Bothell High School
CAD:	Computer Aided Design
C&CR:	Career & College Readiness
CHS:	College in the High School Program
CPR:	Cardiopulmonary resuscitation
CTE:	Career and technical education
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
ETSP:	Environmental Technology & Sustainable Practices – a program offered through Cascadia Community College that provides a degree that prepares you for many industry positions.
FSA:	Functional Skills and Academics
HL:	High Level
IEP:	Individualized Education Program -- an IEP is the legal document that defines a child's special education program.
IHS:	Inglemoor High School
ILHS:	Innovation Lab High School
JAVA:	Software development program for computer systems fundamentals

NCAA:	National Collegiate Athletic Association. The association organizes the athletic programs of numerous colleges and universities
NCHS:	North Creek High School
NGSS:	Next Generation Science Standards
PLTW:	Project Lead the Way engineering educational high school pathway
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.
SATELLITE COURSE:	A course offered at one of the Northshore School District high schools, but open to all NSD high school students.
SL:	Standard Level
WANIC:	Washington Network for Innovative Careers provides 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

