



2019 ~ 2020

BOTHELL HIGH SCHOOL
Course Catalog

Grades 9 - 12



Northshore
School District

Northshore School District prohibits discrimination on the basis of age, sex, marital status, genetic information, sexual orientation including gender expression or identity, race, creed, religion, color, national origin, honorably discharged veteran or military status, or the presence of any sensory, mental, or physical disability or the use of a trained dog guide or service animal by a person with a disability, unless based upon a bona fide occupational qualification, in all its employment procedures, training, programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following employee(s) have been designated to handle questions and complaints of alleged unlawful discrimination: Director of Human Resources (Title IX, ADA, and Civil Rights Compliance), Director of Career & College Readiness (Section 504), 3330 Monte Villa Parkway, Bothell, WA 98021, (425) 408-6000.

**BOTHELL HIGH SCHOOL
MISSION STATEMENT**

A place where connections are made.

**NORTHSHORE SCHOOL DISTRICT
MISSION STATEMENT**

*Strengthening our community through
excellence in education*

Welcome to Bothell High School ~ Since 1908 we have had a presence in the greater Bothell community and have worked hard to provide 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 want 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 Administration



TABLE OF CONTENTS

Scheduling Policies	1
Naviance	1
Diploma Requirements	2
College Admissions Standards.....	4
Credit Exemptions.....	6
Obtaining Credits	6
GPA Scale.....	6
Credit Retrieval Programs	7
Fees and Fines	7
Athletic Eligibility.....	7
Advanced & College Credit Courses	8
Glossary of Terms	10
Vocal Performing Arts.....	12
Instrumental Performing Arts	13
Theatrical Performing Arts	15
Visual & Technical Arts.....	16
Career & Technical Education	
Courses in Business	21
Courses in Computer Technology.....	23
Courses in Family & Consumer Science	25
Courses in Marketing.....	27
Courses in Career Exploration	28
Additional CTE	31
Satellite Programs	33
WANIC Program.....	38
English	39
Health & Fitness.....	43
Mathematics	46
Science.....	50
Social Studies.....	55
Courses in Special Education.....	59
World Languages	61
Additional Courses	64

Introduction

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

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

Expected Student Outcomes

- Preparation of all students to become lifelong learners through the development of creative and critical thinking, problem-solving, and communication skills.
- Development of a mastery of core competencies to prepare for the work place 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.

Lisa Carson	A – E	425.408.7021	lcarrson@nsd.org
Colin Eggers	F – K	425.408.7022	ceggers@nsd.org
Rob Felton	L – Q	425.408.7020	rfelton@nsd.org
Danielle Yamada	R – Z	425.408.7023	dyamada@nsd.org
BJ Dawson	Career	425.408.7028	bdawson@nsd.org

Scheduling

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:

Bothell High School Counseling: 425-408-7019

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:

- Student does not have the skills to continue in a year-long class
- Missing graduation requirement
- Missing core academic requirements (i.e.: no English in schedule)
- Duplicate classes (i.e.: Two PE classes in same semester)
- Running Start, WaNIC or Satellite class conflicts
- Administrative withdrawal is required
- IEP or ELL placement issues
- Medical conflict (i.e.: broken leg in PE class)
- Needing college prep class to meet college entrance requirements
- Leaving a very full semester flexible class for another class that is under-enrolled
- Open unscheduled period
- Incorrect placement in a class as determined by a teacher (i.e.: wrong level of math)

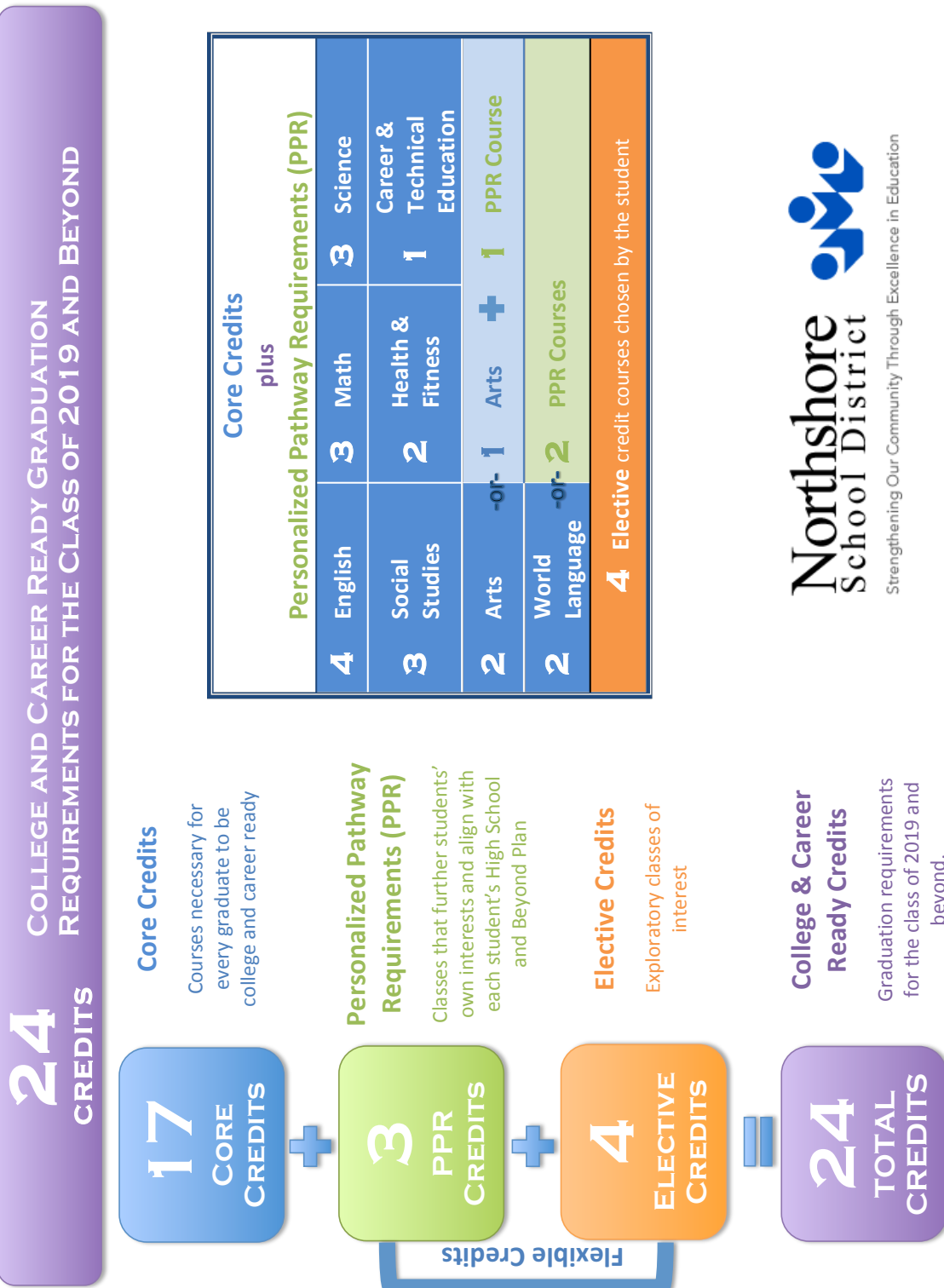
Semester course changes may be allowed within the first 10 days without penalty. After the tenth (10th) day, courses dropped will receive an 'F' grade on student transcript. Any schedule change that does not meet these criteria is subject to administrative approval.

Naviance / Family Connection

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

DIPLOMA REQUIREMENTS FOR GRADUATION FOR THE GRADUATING CLASSES OF 2019 AND BEYOND



DIPLOMA REQUIREMENTS FOR GRADUATION FOR THE GRADUATING CLASSES OF 2019 AND BEYOND

The following credits and subject areas of study shall be required of each candidate for graduation.
Students will complete **17 Core** plus **3 Personalized Pathway*** plus **4 Flexible** credits.

Subject	Credits
English	4.0 credits
Mathematics	3.0 credits
Science	3.0 credits
Social Studies	3.0 credits
Health/Fitness	2.0 credits
Career & Technical Education	1.0 credit
The Arts (Performing or Visual)	2.0 credits <i>or</i> 1.0 Arts + 1.0 PPR*
World Language	2.0 credits <i>or</i> 2.0 PPR*
Flexible Credits	4.0 credits
TOTAL	24.0 credits

** PPR = Personalized Pathway Requirements: Courses that lead to a specific post-high school career outcome chosen by the student, based on the student's interest and High School and Beyond Plan. PPR could be an extra credit of Art, two credits of World Language or credits in another subject area focused in the student's area of interest.*

- Each whole number above indicates a year-long course of study. An example is: Mathematics with 3.00 credits means three years of study required.
- Mathematics:** 3.0 credits: 1.0 Algebra I, 1.0 Geometry, and a 3rd credit of math chosen by the student based on the student's interest and High School and Beyond Plan, and approved by the parent or guardian. If the parent or guardian is unavailable or does not indicate a preference, then the school counselor or principal will provide approval.
- Science:** 3.0 credits: 2.0 credits of lab science and a 3rd credit of science chosen by the student based on the student's interest and High School and Beyond Plan, and approved by the parent or guardian. If the parent or guardian is unavailable or does not indicate a preference, then the school counselor or principal will provide approval.
- Social Studies:** 3.0 credits: 1.0 World History, 1.0 US History, and 1.0 credit in Contemporary World Issues. (.50 credit of the 1.0 Contemporary World Issues credit must fulfill the Civics requirement.) One semester in Washington State History & Constitution must be met in 7th grade as a non-credit bearing high school course.
- Health and Fitness:** 2.0 credits (1.0 credit in Physical Education, .50 credit in Life/Fitness, .50 credit in Health)
- Career & Technical Education:** 1.0 credit that meets CTE exploratory requirements or higher.
- The Arts:** 2.0 credits: 1.0 credit to be met in visual and/or performing arts courses, and 1.0 **PPR*** (*see above*) credit.
- World Language:** 2.0 **PPR*** (*see above*) credits.
- Flexible Credits:** 4.0 credits chosen by the student (formerly known as *electives*).
- Successfully complete two courses in any combination of AP, College in the High School, Pacific NW College Credit, **and/or** Running Start, unless an alternative course of study is identified through the student's High School & Beyond Plan.
- Complete the High School & Beyond Plan
- Meet all State High School Assessments required

If a student earns credit through a Career and Technical Education (CTE) course that is equivalent to a non-CTE course that meets another graduation requirement, the student shall not be required to earn a second credit in the non-CTE graduation requirement course and vice versa. The single course would meet two diploma requirements. However, only one credit would be awarded. The student would then be required to earn an additional flexible credit, as total credits for graduation will not change.

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

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*

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)

Coursework Minimums:

- Students are encouraged to take a minimum of three credits of CADR courses each year of high school, including senior year.
- Students who take college-level coursework and complete 5 quarter credits or 3 semester credits will have earned the equivalent of one CADR credit. In addition, pre-college courses in English and math may be equivalent to CADR courses, provided they are designed to meet the same learning outcomes as the high school courses for which they substitute.
- Students may meet high school requirements with courses taken in middle school, provided the courses are part of a sequence which is successfully continued in high school, or the courses are included on the high school transcript as high school level courses.

Note: Previous minimum college admissions standards used the term 'year' to designate completion of what is now referred to as 'one credit' of high school coursework. The use of 'credit' recognizes that school districts may use alternative or block scheduling that permits students to earn a full credit in a given subject in less than an academic year.

English:

Four credits including 3 credits of college preparatory composition or literature. One credit may be satisfied by courses in drama, literature, public speaking, debate, journalistic writing, business English, English as a Second Language or Learning Support English. Passing the state mandated high school assessment in Reading is equivalent to earning the first 2 CADR credits of high school English.

Mathematics:

Three credits of Algebra I, Geometry and Algebra II (Intermediate Algebra) or Integrated Math I, II and III are required. Passing the state mandated high school assessment in math is equivalent to earning the first 2 CADR credits of high school math (Algebra I & Geometry or Integrated Math I and II).

Note: Successful completion of math through Pre-Calculus meets the requirement for 3 credits of math and the senior year math requirement (below).

Senior Year Math-Based Quantitative Course:

One credit in a math-based quantitative course must be earned during the senior year of high school. This requirement may be met through enrollment in one of the three required math courses listed above, or by completing a math-based quantitative course like Statistics, Applied Math or appropriate career and technical courses; or by completing an Algebra-based science course taken during the senior year that would satisfy this requirement and part of the science requirement below.

Note: The senior-year math requirement does not mean a 4th credit of math is required, nor does it require a higher level of math; the intent is for seniors to take meaningful math.

Exception: Completion of higher-level math prior to the senior year exempts students from the senior-year quantitative course requirement (ie: Pre-Calculus, Math Analysis or Calculus).

Science:

Two credits of laboratory science are required for admission to public baccalaureate institutions beginning in the summer of 2010. One credit must be in an Algebra-based science course as determined by the school district. One credit must be in Biology, Chemistry or Physics. (This course may also meet the Algebra-based requirement.) Principles of Technology courses taught in Washington High Schools may satisfy the laboratory science requirement.

Note: Western Washington University specifies that one credit must be an Algebra-based Chemistry or Physics course.

World Language:

Two credits must be earned in the same World Language, Native American Language or American Sign Language. Schools may award credit based on a district approved competency assessment consistent with the State Board of Education policy and American Council on the Teaching of Foreign Languages (ACTFL) proficiency guidelines.

Note: A World Language course taken in middle school may satisfy one credit of the requirement if the second year level course is completed in high school.

Social Science:

Three credits of history or other social science (ie: Anthropology, Contemporary World Problems, Economics, Geography, Government, Political Science, Psychology)

The Arts:

One credit of fine, visual or performing arts; or one additional credit in other CADR academic subject areas as defined above. Acceptable coursework in the fine, visual or performing arts includes Art Appreciation, Band, Ceramics, Choir Dance, Drama Performance / Production, Drawing, Fiber Arts, Graphic Arts, Metal Design, Music Appreciation, Music Theory, Orchestra, Painting, Photography, Print Making or Sculpture.

Note: The University of Washington and Western Washington University specify one-half credit in fine, visual or performing arts. The other half may be in the arts or an academic flexible credit class.

Students should consult with their high school to obtain complete information about minimum college admissions standards, and to be aware of which courses at their high school meet CADR guidelines, as determined by the local school district.

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.

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. 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 3 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. Other just cause.

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.** Diploma summaries are distributed annually. Instructions on how to read and interpret these documents are given. Students and parents may access graduation summaries through [StudentVUE](#) and [ParentVUE](#). (*StudentVUE > Course History > Graduation Status* on upper right) 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.

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
F	0.0

Exceptions: Teacher and Office Assistant positions will be graded Pass (P) or Fail (F).

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.

Grade Report Schedule

Student grades can be obtained online at:

https://parentvue.nsd.org/Login_Parent_PXP.aspx

Semester Grade reports will be mailed home in mid-February and at the end of June.

Credit Retrieval Programs

Some credit retrieval programs are available during the school year. Contact your counselor for more information.

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.

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. Refer to page 3 for requirements.

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 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 will occur (as per board policy 3520):

- No parking pass will be issued
- The student's participation in extracurricular activities, including athletics, will be withheld
- The student will have withheld prepaid goods purchased including, but not limited to yearbooks, pictures, and optional graduation supplies
- The student will be held out of participation in optional, non-curricular school activities, including dances and excursions
- Transcripts and diplomas will be withheld at graduation, **including transcripts sent with college applications**
- Cap and gown will be withheld

- The student will be held out of graduation ceremonies and activities, including walking at graduation

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. Must have passed 5 of 6 classes 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 on-line 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 Eligibility Center. A separate application to the NCAA 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, contact the BHS Occupation Information Specialist (OIS):

BJ Dawson 425.408.7028 bdawson@nsd.org

AP, COLLEGE IN THE HIGH SCHOOL, PACIFIC NW COLLEGE CREDIT & RUNNING START

Advanced Placement (AP)

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

AP Quick Facts

- College credit is available for examinations successfully taken in high school
- AP courses 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
- Reduces 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. 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: http://readysatgrad.org/rsg_cred_wiz/form

Pacific NW College Credit (Formerly Tech Prep)

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 \$46 Consortium Fee* at PNWCollegeCredit.org
- 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*

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.

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 on following page.) 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.**

(Continued on following page)

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	12 credits
3 classes	10 credits
4 classes	6 credits
5+ classes	3 credits

****Note:*** 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.

USING THIS CATALOG

This catalog is organized by category. Courses in this catalog may be offered at one, two or all three 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.

GLOSSARY OF KEY TERMS & ABBREVIATIONS

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
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

PERFORMING ARTS ~ VOCAL

CONCERT CHOIR

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Fee:</i>	<i>Varies</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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.

BEL CANTO (Women's Choir)

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Audition & Instructor Approval Required</i>
<i>Fee:</i>	<i>Varies; ASB card required</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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.

ADVANCED CHOIR

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Audition & Instructor Approval Required</i>
<i>Fees:</i>	<i>Varies; ASB card required</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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.

JAZZ CHOIR

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Audition & Instructor Approval Required; Must be concurrently enrolled in another choral ensemble</i>
<i>Fees:</i>	<i>Varies; ASB card required</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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.

PIANO LAB

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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.

ORCHESTRA

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Experience on an orchestra string instrument or with Instructor Approval</i>
<i>Fees:</i>	<i>Varies; includes ASB card, uniform and potential travel</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Audition & Instructor Approval Required</i>
<i>Fees:</i>	<i>Varies; includes ASB card, uniform and potential travel</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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.

SYMPHONIC BAND

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Experience on a wind instrument or with Instructor Approval</i>
<i>Fees:</i>	<i>Varies; includes ASB card, uniform and potential travel</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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.

WIND ENSEMBLE

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Audition & Instructor Approval Required</i>
<i>Fees:</i>	<i>Varies; includes ASB card, uniform and potential travel</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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.

PERCUSSION ENSEMBLE

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Middle School experience on percussion instruments or with instructor approval</i>
<i>Fees:</i>	<i>Varies; includes ASB card, uniform and potential travel</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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.

JAZZ ENSEMBLE

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Audition & Instructor Approval Required; must be concurrently enrolled in the school's band, orchestra or choral large ensemble class</i>
<i>Fees:</i>	<i>Varies; includes ASB card, uniform and potential travel</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Instructor Approval Required</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Fee:</i>	<i>Optional AP Exam fee if taken in Spring</i>

The ultimate goal of an 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.

PIT ORCHESTRA

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Audition & Instructor Approval Required</i>
<i>Fee:</i>	<i>Varies</i>
<i>Diploma Category:</i>	<i>Art, Career & Technical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

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.

PERFORMING ARTS ~ THEATRE***THEATRE ARTS I***

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Fee:</i>	<i>Varies</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>No</i>

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

THEATRE ARTS II

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Theatre Arts I</i>
<i>Fee:</i>	<i>Varies</i>
<i>Diploma Category:</i>	<i>Art</i>
<i>Repeatable:</i>	<i>Yes</i>

This course continues to build performance skills focusing on acting, scene studies, and analysis.

SCENE STUDIES

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Theatre Arts I & II, or with instructor approval</i>
<i>Diploma Category:</i>	<i>Art</i>

Scene Studies 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. Scene Studies is the perfect follow-up to Theatre Arts I & II.

DRAMA / MUSICAL PERFORMANCE

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Audition & Instructor Approval Required</i>
<i>Fee:</i>	<i>Varies</i>
<i>Diploma Category:</i>	<i>Art, Career & Technical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

In Musical Performance students will learn the combination of skills that this art form requires: singing, dancing, and drama. This spring semester course takes place outside of the normal school day. This class is designed for those accepted by audition to prepare for and present the school musical. The semester culminates with the full-scale production of a musical.

TECHNICAL THEATRE

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Art, Career & Technical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

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 15 hours outside of class to support the drama program. This requirement can be met working back stage during a BHS production or after school building sets and costumes.

VISUAL ARTS***BEGINNING ART***

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Fee:</i>	<i>\$15</i>
<i>Diploma Category:</i>	<i>Art</i>

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 pen and ink, pencil, 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 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

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

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 are intended to be year-long classes, offering different curriculum for Fall and Spring Semesters. Enrollment in both semesters is encouraged, but not required.*

ADVANCED ART

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Prerequisite:</i>	<i>Beginning & Intermediate Art or instructor approval</i>
<i>Fee:</i>	<i>\$35</i>
<i>Diploma Category:</i>	<i>Art</i>

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.*

BEGINNING CERAMICS

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Fee:</i>	<i>\$35</i>
<i>Diploma Category:</i>	<i>Art</i>

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

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Beginning Ceramics</i>
<i>Fee:</i>	<i>\$35</i>
<i>Diploma Category:</i>	<i>Art</i>

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 creating. Tile plaster mold to make into an open box, introduction to a larger sculptural piece, a birdhouse, teapot and/or mirror as well as another turn at the wheel. 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

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Prerequisite:</i>	<i>Beginning & Intermediate Ceramics</i>
<i>Fee:</i>	<i>\$35</i>
<i>Diploma Category:</i>	<i>Art</i>

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

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

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

Length / Credit: One Semester / 0.5 Credit
Grades: 9, 10, 11, 12
Fee: \$30
Diploma Category: Art

In this class students will learn the fundamentals of strong photography through the use of a film and digital camera. Students will experience what it means to see through the lens creatively and capture exposures that reflect good taste. Categories for photo shoots will include portraiture, landscape, still life, abstract and documentary. 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 Digital SLR) and be prepared to take pictures outside of class.

INTERMEDIATE PHOTOGRAPHY

Length / Credit: One Semester / 0.5 Credit
Grades: 10, 11, 12
Prerequisite: Beginning Photography
Fee: \$30
Diploma Category: Art

Learn the art of photography. This class teaches students how to use the digital and film cameras to take stunning images that reflect the elements of all memorable photography. Students will learn how to use the various settings of their digital SLR to capture images with stop action and intentional blur. A state-of-the-art digital computer lab (Photoshop) is used for post-production of images. 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 Digital SLR) and be prepared to take pictures outside of class.

ADVANCED PHOTOGRAPHY

Length / Credit: One Semester / 0.5 Credit
Grades: 11, 12
Prerequisite: Beginning & Intermediate Photography
Fee: \$30
Diploma Category: Art

Advanced Photography is set up to give students the opportunity to further expand their interest with both film and digital formats. Advanced techniques and creative approaches to image making will be introduced to help students use the camera as an art tool for personal expression. Students will have the opportunity to compete in the Washington State High School Photo Competition.

Note: Students need to provide their own manually adjustable film camera and adjustable digital camera (Digital SLR).

BEGINNING STAINED GLASS

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

Learn the ancient and contemporary techniques for using glass as medium for artwork. Mosaics and fusing will be emphasized to create glass panels and vessels. Glass slumping, mirror etching, glass painting and copper foil techniques will also be covered. Students can also choose to work with a glass blower for an extra fee.

INTERMEDIATE STAINED GLASS

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

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

ADVANCED STAINED GLASS

Length / Credit: One Semester / 0.5 Credit
Grades: 11, 12
Prerequisite: Beginning & Intermediate Stained Glass
Fee: \$45
Diploma Category: Art

This class is offered as a continuation of Intermediate Stained Glass. The instructor will emphasize the use of design elements to create glass projects which reflect more sophisticated choices. Emphasis will be given to the techniques introduced in Stained Glass. Students may work in collaboration with a glass blower for the fusing project.

CARTOONING

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.

ANNUAL STAFF (YEARBOOK)

<i>Length/Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Instructor permission</i>
<i>Diploma Category:</i>	<i>Art; Career & Technical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

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

VIDEO PRODUCTION

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Art; Career & Technical Education</i>
<i>Fee:</i>	<i>\$15</i>
<i>Repeatable:</i>	<i>Yes</i>

This class includes production of videos that incorporate lighting, sound, camera technique, and computer-generated video elements. Scripting, storyboarding, editing and soundtrack work are practiced and developed. Students need to be supportive team members and have good attendance in order to contribute in this collaborative arena. Directing opportunities and advanced skill development are available for students wishing to improve their movie-making abilities. This class will produce the weekly Cougar Cast video bulletin.

CAREER & TECHNICAL EDUCATION

~ BUSINESS

BEGINNING ACCOUNTING

<i>Length / Credit:</i>	<i>Full Year / 1.0 credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>5 Pacific NW College credits available when grade of B or better is earned</i>

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

<i>Length / Credit:</i>	<i>Full Year / 1.0 credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Successful completion of Beginning Accounting</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>5 Pacific NW College credits available when grade of B or better is earned</i>

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

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>5 Pacific NW College credits available when grade of B or better is earned</i>

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 2016, 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 GRAPHICS

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>5 Pacific NW College credits available when grade of B or better is earned</i>

Learn the elements of design and business graphics principles. Students will use desktop publishing and digital imaging software to integrate text, graphics, and photographs to create a variety of professional quality documents for practical and business use – flyers, brochures, announcements, business cards, etc. Students will become proficient in the following programs:

- Adobe InDesign CC 2017 – desktop publishing
- Adobe Photoshop CC 2017 – digital imaging
- Photo Story 3 for Windows – digital slideshow

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

BUSINESS MANAGEMENT

Length / Credit: One Semester / 0.5 Credit

Grades: 9, 10, 11, 12

Prerequisite: Successful completion of Intro to Business required for 9th graders; recommended for 10th – 12th

Diploma Category: Career & Technical Education

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

Business Management introduces students to the business environment and forms of ownership; how to manage and lead others, effective business communication in the work place, 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

Length / Credit: One Semester / 0.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

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

Would you like to own your own business some day? Whether you'd 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 work place; 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

Length / Credit: Semester / 0.5 credit

Grades: 9, 10, 11, 12

Prerequisite: Keyboard by touch at 30wpm

Diploma Category: Career & Technical Education

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

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

<i>Length / Credit:</i>	<i>Semester / 0.5 credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>5 Pacific NW College credits available when grade of B or better is earned</i>

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.

WEB DESIGN

<i>Length/Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>5 Pacific NW College credits available when grade of B or better is earned</i>

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

~ COMPUTER TECHNOLOGY**AP COMPUTER SCIENCE PRINCIPLES**

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Successful completion of Algebra I or Instructor Permission</i>
<i>Diploma Category:</i>	<i>Career & Technical Education; 3rd Year Math; 3rd Year Science</i>
<i>Fee:</i>	<i>Optional fee for AP Exam in Spring</i>
<i>Other Info:</i>	<i>Students will have the opportunity to take the AP Computer Science Principles exam in May. 5 Pacific NW College credits available when grade of B or better is earned</i>

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 CHS Computer Programming I, but CHS Computer Programming I is the logical follow-up class for students inspired to study computer science more deeply following completion of this class.

CHS COMPUTER PROGRAMMING I

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Successful completion of Geometry or Instructor Permission</i>
<i>Diploma Category:</i>	<i>Career & Technical Education; 3rd Year Math; 3rd Year Science</i>
<i>Other Info:</i>	<i>4 college credits may be earned from the University of Washington under the conditions of the College in the High School Program.</i>
	<i>5 Pacific NW College credits available when grade of B or better is earned</i>

Using the C# programming language, students will learn to write programs with good overall design and effective use of objects. Topics include procedural programming (methods, parameters, return values), basic control structures (sequence, if/else, loops), file processing, collections, object-oriented design, and working with graphical output. Students end the year with a multi-week group project where they write a game for entry in Microsoft's "Hunt the Wumpus" programming competition. No prior programming experience is required. This course covers the full content of CSE 142 and is a good fit for students interested in STEM, computer science, or engineering majors in college.

ADVANCED PROGRAMMING: TOPICS I & II

<i>Length / Credit:</i>	<i>One Semester Each / 0.5 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Prerequisite:</i>	<i>Successful completion of Computer Programming I or equivalent</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>5 Pacific NW College credits available when grade of B or better is earned</i>

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

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>12</i>
<i>Prerequisite:</i>	<i>Successful Completion of Advanced Programming Topics I & II or equivalent & Instructor Permission</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>

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.

~ FAMILY & CONSUMER SCIENCE

BAKING & PASTRY ARTS

<i>Length / Credit:</i>	<i>Full Year / 2 Consecutive Periods / 2.0 Credits</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Location:</i>	<i>BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)</i>
	<i>Application required</i>
<i>Fees/Special Materials:</i>	<i>Uniform & Food Handlers Permit</i>
<i>Diploma Category:</i>	<i>Career & Technical Education; Lab Science OR 3rd Credit Science</i>
<i>Other:</i>	<i>Up to 9 Pacific NW College Credits available when grade of B or better is earned;</i> <i>Scholarships available</i>

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.

CULINARY ARTS

<i>Length / Credit:</i>	<i>Full Year / 2 Consecutive Periods / 2.0 Credits</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Location:</i>	<i>BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students) Application required</i>
<i>Fees/Special Materials:</i>	<i>Uniform & Food Handlers Permit</i>
<i>Diploma Category:</i>	<i>Career & Technical Education; Lab Science OR 3rd Year Science</i>
<i>Other Info:</i>	<i>Up to 9 Pacific NW College Credits when grade of B or better is earned;</i> <i>Scholarships & Certifications available</i>

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

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>3 Pacific NW College Credits available when grade of B or better is earned</i>

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

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
- Cooking Skills: Learn how to hold and use a knife, sauté, make a yeast dough, and the basics of cooking for success

LIFESPAN PSYCHOLOGY

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.

AP PSYCHOLOGY

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: Enrolled students will be given the opportunity to take the AP Psychology exam in May

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

TEACHING ACADEMY

Length / Credit: Full Year / 2 Consecutive Periods / 2.0 credits
Grades: 11, 12
Prerequisite: Application and acceptance
Location: BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)
Diploma Category: Career & Technical Education
Other Info: Up to 5 Pacific NW College credits available when grade of B or better is earned and Child Care STARS license offered

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

~ MARKETING

BEGINNING MARKETING

<i>Length / Credit:</i>	<i>Full Year / 1.0 credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>5 Pacific NW College credits available when grade of B or better is earned</i>

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 advertising, economics, emotional intelligence, entrepreneurship, international marketing, sales methods, and the use of social media. Building self-confidence, ability to present ideas and leadership skills are also benefits of this course. At least one field trip to a local organization's marketing department is typically included. Business simulation software will also be used to apply lessons learned. This course is not only perfect for students who are interested in evaluation possible careers in business, sales or marketing, but also provides a chance to earn college credit.

FASHION MERCHANDISING

<i>Length / Credit:</i>	<i>One Semester / 0.5 credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>Course offered 2nd semester only</i> <i>5 Pacific NW College credits available when grade of B or better is earned</i>

This course introduces how fashion and apparel businesses of all types create value and promote their offerings. Central to this course is the planning and production of our senior prom fashion show, held in Bothell's beautiful Northshore Performing Arts theater each spring. Students will gain knowledge in a range of fashion marketing topics including the origin and evolution of fashion trends, and the role of designers, manufacturers, distributors and retailers in the fashion industry. Students will study visual merchandising and channels for promotion, including advertising and social media. Developing skills in project management and making presentations are also facets of this course. At least one field trip to a leading local fashion design or marketing organization is typically included. This course is perfect for the student that is interested in evaluating a possible career in fashion design, business, sales or marketing.

RETAIL OPERATIONS (Student Store)

<i>Length / Credit:</i>	<i>Full Year / 1.0 credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Prerequisite:</i>	<i>1 semester Business Class and/or with Instructor Approval</i>
<i>Other Info:</i>	<i>Nominal fee required for King County Health Department Food Handler Card; students may transfer into this class at the semester break with instructor's approval</i> <i>5 Pacific NW College credits available when grade of B or better is earned</i>

This unique course involves work experience in our on-campus student store. Classroom topics include customer relations, emotional intelligence, financial analysis, marketing fundamentals, operations, promotion and visual marketing. Students use our student store to practice what they've 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 while satisfying their CTE credit requirement.

SPORTS & ENTERTAINMENT MARKETING

<i>Length / Credit:</i>	<i>Semester / 0.5 credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>Course offered 1st semester only</i>

Sports and Entertainment Marketing is a unique and innovative course designed for students with an interest in the sports and entertainment industries. This course offers students the opportunity to gain knowledge in marketing principles includes branding, economics, emotional intelligence, licensing, promotion, social responsibility and sales methods.

~ CAREER EXPLORATION***AUTO TECHNOLOGY – Morning or Afternoon Sessions***

<i>Length / Credit:</i>	<i>Morning: Full Year / 3 Consecutive Periods (1,2,3) / 3.0 Credits</i> <i>Afternoon: Full Year / 3 Consecutive Periods (4,5,6) / 3.0 Credits</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Location:</i>	<i>BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)</i>
<i>Prerequisite:</i>	<i>Application, interview and acceptance</i>
<i>Fees:</i>	<i>Required: Join Skills USA ~ \$16</i> <i>Optional: Personalized shop shirts ~ 2 / \$40</i>
<i>Diploma Category:</i>	<i>MORNING: Career & Tech Education; Lab Science or 3rd Credit Science; English 11 or 12</i> <i>AFTERNOON: Career & Tech Education; Lab Science or 3rd Credit Science</i>
<i>Other Info:</i>	<i>Up to 26 Pacific NW College Credits available when grade of B or better is earned</i>

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

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

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

COMPOSITES ENGINEERING AND MANUFACTURING

<i>Length / Credit:</i>	<i>One Semester / 2 Consecutive Periods / 1.0 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Location:</i>	<i>BOTHELL HIGH SCHOOL (Satellite Program – Open to all NSD Students)</i>
<i>Prerequisites:</i>	<i>Application and acceptance</i> <i>Previous introduction course in woods, metals, welding, or manufacturing is recommended.</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>5 Pacific NW college credits available when grade of B or better is earned.</i>

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.

INTRODUCTION TO ROBOTICS

Length / Credit: Full Year / 1.0 Credit
Grades: 9, 10, 11, 12
Diploma Category: Career & Technical Education; 3rd 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.

METAL FABRICATION

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.

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 and acceptance
Diploma Category: Career & Technical Education
Other Info: 15 Pacific NW college credits available when grade of B or better is earned

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

ADVANCED SPORTS MEDICINE & ATHLETIC TRAINING

Length / Credit: Full Year / 1 Period / 1.0 Credit
Grades: 11, 12
Location: BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)
Prerequisite: Application and acceptance
Diploma Category: Career & Technical Education
Other Info: 10 Pacific NW college credits available when grade of B or better is earned

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

WOOD TECHNOLOGY

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 the opportunity to create, design and build personal projects of their choice with teacher guidance and close supervision.

PROJECT LEAD THE WAY ENGINEERING PATHWAY

- Year 1 - Introduction to Engineering Design
- Year 2 – Principles of Engineering
- Year 3 – Computer Integrated Manufacturing (starting 2020-2021)
- Year 4 – Engineering Design & Development (starting 2021-2022)

Students may enter the pathway by taking Introduction to Engineering Design, at any grade level.

PLTW: INTRODUCTION TO ENGINEERING DESIGN (PLTW Engineering Design)

Length / Credit: Full Year / 1.0 Credit
Grades: 9, 10, 11, 12
Prerequisites: Concurrent enrollment in Algebra I or completion of higher level math
Diploma Category: Career & Technical Education; Algebra I

Introduction to Engineering Design is the first foundational course of the PLTW high school engineering pathway. 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.

PLTW: PRINCIPLES OF ENGINEERING

Length / Credit: Full Year / 1.0 Credit
Grades: 10, 11, 12
Prerequisites: Successful completion of Introduction to Engineering Design
Diploma Category: Career & Technical Education

Principles of Engineering is the second foundational course of the PLTW 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.

~ ADDITIONAL CTE COURSES

ASB OFFICER CLASS

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Must be elected to an ASB or class office, or selected by ASB for an appointed position. ASB card required.</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

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, time lines, 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.

ANNUAL STAFF (YEARBOOK)

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Instructor Permission</i>
<i>Diploma Category:</i>	<i>Career & Technical Education; Art</i>
<i>Repeatable:</i>	<i>Yes</i>

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

LIBRARY RESEARCH ASSISTANT

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grade:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisites:</i>	<i>Instructor / Staff Permission</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

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.

NEWSPAPER STAFF

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Application, including a teacher recommendation and interview, and permission of instructor</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

This course will cover all aspects of journalism, including (but not limited to) reporting, editing, page design and layout, web design, advertising and photography. Student reporters will cover stories of interest to the school community, including: local/school news, academics, the arts, sports, student life, politics, film/music/restaurant (etc.) reviews, and other relevant and appropriate topics. Students will be responsible for publishing and distributing the school newspaper magazine.

PEER COACHING ~ Advocate for ELL or Special Education Program

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>Instructor Permission</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

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

VIDEO PRODUCTION

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Art; Career & Technical Education</i>
<i>Fee:</i>	<i>\$15</i>
<i>Repeatable:</i>	<i>Yes</i>

This class includes production of videos that incorporate lighting, sound, camera technique, and computer-generated video elements. Scripting, storyboarding, editing and soundtrack work are practiced and developed. Students need to be supportive team members and have good attendance in order to contribute in this collaborative arena. Directing opportunities and advanced skill development are available for students wishing to improve their movie-making abilities. This class will produce the weekly Cougar Cast video bulletin.

SATELLITE PROGRAMS

AUTO TECHNOLOGY – Morning or Afternoon Sessions

<i>Length / Credit:</i>	<i>Morning / ADVANCED / Full Year / 3 Consecutive Periods (1,2,3) / 3.0 Credits</i> <i>Afternoon / BEGINNING / Full Year / 3 Consecutive Periods (4,5,6) / 3.0 Credits</i>
<i>Grades:</i>	<i>Beginning: 10, 11 ~ Advanced: 11, 12</i>
<i>Location:</i>	<i>BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)</i>
<i>Prerequisite:</i>	<i>Application, interview & acceptance</i>
<i>Fees:</i>	<i>Required: Join Skills USA ~ \$16</i> <i>Optional: Personalized shop shirts ~ 2 / \$40</i>
<i>Diploma Category:</i>	<i>MORNING: Career & Tech Education; Lab Science OR 3rd Credit Science; English 11 OR 12</i> <i>AFTERNOON: Career & Tech Education; Lab Science OR 3rd Credit Science</i>
<i>Other Info:</i>	<i>Up to 26 Pacific NW college credits available if a grade of B or better is earned</i>

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

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

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

AVIATION: INTRODUCTION TO FLIGHT

<i>Length / Credit:</i>	<i>Full Year / 1 Period / 1.0 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Prerequisite:</i>	<i>Application & Acceptance</i>
<i>Location:</i>	<i>NORTH CREEK HIGH SCHOOL (Satellite program – open to all NSD students)</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>

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

BAKING & PASTRY ARTS

<i>Length / Credit:</i>	<i>Full Year / 2 Consecutive Periods / 2.0 Credits</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Location:</i>	<i>BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)</i> <i>Application required</i>
<i>Fees/Special Materials:</i>	<i>Uniform & Food Handlers Permit</i>
<i>Diploma Category:</i>	<i>Career & Technical Education; Lab Science OR 3rd Credit Science</i>
<i>Other:</i>	<i>Up to 9 Pacific NW College Credits available when grade of B or better is earned;</i> <i>Scholarships available</i>

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

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

COMPOSITES ENGINEERING AND MANUFACTURING

<i>Length / Credit:</i>	<i>One Semester / 2 consecutive periods / 1.0 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Location:</i>	<i>BOTHELL HIGH SCHOOL (Satellite Program – Open to all NSD Students)</i>
<i>Prerequisites:</i>	<i>Application & Acceptance. Previous introduction course in woods, metals, welding, or manufacturing is recommended.</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>5 Pacific NW college credits available when grade of B or better is earned.</i>

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.

CULINARY ARTS

<i>Length / Credit:</i>	<i>Full Year / 2 Consecutive Periods / 2.0 Credits</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Location:</i>	<i>BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students) Application required</i>
<i>Fees/Special Materials:</i>	<i>Uniform & Food Handlers Permit</i>
<i>Diploma Category:</i>	<i>Career & Technical Education; Lab Science OR 3rd Year Science</i>
<i>Other Info:</i>	<i>Up to 9 Pacific NW College Credits available when grade of B or better is earned; Scholarships & Certifications available</i>

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

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

IB DESIGN TECHNOLOGY SL

<i>Length / Credit:</i>	<i>Full Year / 1 Period / 1.0 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Location:</i>	<i>INGLEMOOR HIGH SCHOOL (Satellite program – open to all NSD students)</i>
<i>Prerequisite:</i>	<i>Application & Acceptance</i>
<i>Diploma Category:</i>	<i>Career & Technical Education; Lab Science OR 3rd Credit Science</i>
<i>Other Info:</i>	<i>5 Pacific NW College Credits available when grade of B or better is earned</i>

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

IB DESIGN TECHNOLOGY HL

<i>Length / Credit:</i>	<i>Full Year / 1 Period / 1.0 Credit</i>
<i>Grades:</i>	<i>12</i>
<i>Location:</i>	<i>INGLEMOOR HIGH SCHOOL (Satellite program – open to all NSD students)</i>
<i>Prerequisite:</i>	<i>Application and acceptance</i>
	<i>Successful completion or concurrent enrollment in IB Design Technology</i>
<i>Diploma Category:</i>	<i>Career & Technical Education; Lab Science OR 3rd Credit Science</i>
<i>Other Info:</i>	<i>5 Pacific NW College Credits available when grade of B or better is earned</i>

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

SPORTS MEDICINE & ATHLETIC TRAINING

<i>Length / Credit:</i>	<i>Full Year / 1 Period / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Location:</i>	<i>BOTHELL HIGH SCHOOL (Satellite Program – open to all NSD students)</i>
<i>Prerequisite:</i>	<i>Application and acceptance</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>15 Pacific NW College Credits available when grade of B or better is earned</i>

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

<i>Length / Credit:</i>	<i>Full Year / 1 Period / 1.0 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Location:</i>	<i>BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)</i>
<i>Prerequisite:</i>	<i>Application and acceptance</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>10 Pacific NW College Credits available when grade of B or better is earned</i>

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

HEALTH SCIENCE CAREERS

<i>Length / Credit:</i>	<i>Full Year / 3 Consecutive Periods / 3.0 Credits</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Location:</i>	<i>WOODINVILLE HIGH SCHOOL (Satellite program – open to all NSD students)</i>
<i>Prerequisite:</i>	<i>Application and acceptance</i>
<i>Diploma Category:</i>	<i>Career & Technical Education; Health; Lab Science OR 3RD Year Science</i>
<i>Fee:</i>	<i>Fees are associated with this course for purchasing required supplies</i>
<i>Other Info:</i>	<i>Up to 24 Pacific NW college credits are available when grade of B or better is earned</i>

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 a very high demand for nursing assistants in the community. Students frequently get hired on the spot with starting pay of \$12 - 17/ 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.

College credit: 24 college credits through Bellevue College or 13 through Lake Washington Institute of Technology may be earned.

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.

TEACHING ACADEMY

<i>Length / Credit:</i>	<i>Full Year / 2 Consecutive Periods / 2.0 credits</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Prerequisite:</i>	<i>Application and acceptance</i>
<i>Location:</i>	<i>BOTHELL HIGH SCHOOL (Satellite program – open to all NSD students)</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>Up to 5 Pacific NW College Credits available when grade of B or better is earned; Child Care STARS license offered</i>

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

WELDING & FABRICATION

<i>Length / Credit:</i>	<i>One Semester / 2 Consecutive Periods / 1.0 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Location:</i>	<i>WOODINVILLE HIGH SCHOOL (Satellite program – open to all NSD students)</i>
<i>Prerequisite:</i>	<i>Application and acceptance</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>7 Pacific NW College Credits available when grade of B or better is earned</i>

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.

W A N I C

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's Easy to Enroll:

- Find out details about the course offerings at www.wanic.org
- Complete an application online
- Review your credits and schedule with your Career Counselor; obtain approval to enroll
- 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

2019 – 2020 3 credit courses located at Lake Washington Institute of Technology and local high schools

- | | | |
|---------------------------|----------------------------------|------------------------------------|
| • Auto Technology | • DigiPen Music & Sound Design | • Health Science Careers (Nursing) |
| • Cisco Networking | • DigiPen Video Game Programming | • Medical Careers |
| • Dental Careers | • Fire & EMS | |
| • DigiPen Art & Animation | | |

Additional 2019 – 2020 One or Two credit courses located at local high schools

American Sign Language	Architectural & Engineering Design	Aviation
Baking & Pastry Arts	Composite Engineering & Manufacturing	Construction & Woodworking Trades
Criminal Justice	IB Design SL/HL	Culinary Arts
Digital Media Academy	Media Production	Graphic Design & Production Studio
Interior Design	Sports Medicine	Nursery & Greenhouse Operations
Radio Broadcasting		Teaching Academy
Welding Technology, Design & Fabrication		

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

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.

ENGLISH***ENGLISH 9***

Length / Credit: Full Year / 1.0 Credit
Grades: 9
Diploma Category: English 9

This course builds upon previous learning of the Common Core State English/Language Arts (ELA) standards in middle school, and establishes the skills necessary for a successful progression of learning to the next grade level of English/Language Arts course work. Students will learn to sustain intellectual curiosity by interpreting a variety of texts, including but not limited to: non-fiction, novels, plays, poetry and short fiction. They will actively engage in the process of writing, including paragraph structure, narrative and persuasive essay development, literary analysis, and rhetorical analysis. Students will work collaboratively to broaden their understanding of language and their skills in communicating effectively.

PRE AP ENGLISH 9

Length / Credit: Full Year / 1.0 Credit
Grades: 9
Recommendation: Grade of B or better in English 8 the previous year
Diploma Category: English 9

This course builds upon previous learning of the Common Core State English/Language Arts (ELA) standards in middle school, and establishes the skills necessary for a successful progression of learning for advanced high school ELA course work. Students will read a variety of texts, including but not limited to: non-fiction, novels, plays, poetry and short fiction. Students will write analytical, persuasive, and narrative essays. Students choosing this course will actively participate in discussions, read extensively, accept constructive criticism, and work diligently and independently.

ENGLISH 10

Length / Credit: Full Year / 1.0 Credit
Grades: 10
Diploma Category: English 10

Students will learn to sustain intellectual curiosity by interpreting a variety of texts, including but not limited to: non-fiction, novels, plays, poetry, and short fiction. They will actively engage in the process of writing, including: paragraph structure, essay development, literary analysis and rhetorical analysis. Students will work collaboratively to broaden their understanding of language and their ability to communicate effectively.

PRE AP ENGLISH 10

Length / Credit: Full Year / 1.0 Credit
Grades: 10
Recommendation: Grade of B or better in English 9 the previous year
Diploma Category: English 10

This advanced class prepares sophomores for rigorous Advanced Placement programs. Students will read a variety of texts, including but not limited to: non-fiction, novels, plays, poetry, and short fiction. Students will write analytical, persuasive and narrative essays. Students choosing this course should be willing to actively participate in discussions, read extensively, accept constructive criticism, and work diligently and independently.

ENGLISH 11

Length / Credit: Full Year / 1.0 Credit
Grades: 11
Diploma Category: English 11

Students will further develop the core reading, writing and communication skills learned in previous years, including an emphasis on reading comprehension and critical thinking skills. The literature will include, but not be limited to: novels, plays, poetry, short fiction, and nonfiction from the American tradition. There will be a variety of writing assignments, including but not limited to: literary analysis, research, persuasive, expository, personal narrative, compare and contrast, and creative writing.

AP ENGLISH LANGUAGE

Length / Credit: Full Year / 1.0 Credit
Grade: 11
Recommendation: Grade of B or better in English 10 the previous year
Fee: Optional AP Exam fee if taken in Spring
Diploma Category: English 11

Advanced Placement English Language is a year-long, college-level course that culminates in the AP Language and Composition examination. Students will cultivate critical thinking by reading a wide variety of fiction and non-fiction texts, and will learn the basic elements of rhetoric. The focus of study will be the literal *what* of the text, the techniques of style underlying the *how*, and the timeless, universal connections of *why*.

ENGLISH 12: FOCUS ON COMMUNICATION FOR CAREERS

Length / Credit: Full Year / 1.0 Credit
Grades: 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

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, 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

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

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>12</i>
<i>Recommendation:</i>	<i>Grade of B or better in English the previous year</i>
<i>Fee:</i>	<i>Optional AP Exam Fee if taken in Spring</i>
<i>Diploma Category:</i>	<i>English 12</i>

Advanced Placement Literature and Composition is a year-long, college-level course that culminates in the AP Literature and Composition examination. Students will learn to produce complex academic arguments by reading a wide variety of text drawn from multiple genres, periods, and cultures.

CHS ENGLISH

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>12</i>
<i>Prerequisite:</i>	<i>Successful completion of English 11</i>
<i>Fee:</i>	<i>Optional fee for those choosing to earn college credit</i>
<i>Diploma Category:</i>	<i>English 12</i>
<i>Other:</i>	<i>Students desiring college credit will need a qualifying score on the Accuplacer exam or SBAC ELA exam</i>

This college level English option is comprised of two separate semester-length courses working in conjunction to offer a total of 10 credits through Cascadia College: ENGL&101 and ENGL&111. Please see the separate course descriptions below.

COMPOSITION I (ENGL&101)

This unique BHS course helps students learn how to make judgments and decisions about their own and others' communication, especially in college writing. They will practice various modes of reading, developing strategies for interpreting, responding to, and making use of a wide array of texts in their own writing. 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 specified purposes for identified audiences. This class is organized around a theme chosen by the instructor.

Students who enroll in English 101 should anticipate a rigorous course of study and be prepared to assume significant responsibility to increase and sharpen their understanding of various modes of communication. This is a 0.5 credit semester course taught in conjunction with Introduction to Literature (ENGL&111) for a total of 1.0 high school credit. However, for those who have passed the *Accuplacer Exam* (or scored a 3 or 4 on the SBAC) prior to enrollment, and earn a 70% or better in the class, you have the opportunity to earn five credits through Cascadia College upon payment of the fee.

INTRODUCTION TO LITERATURE (ENGL&111)

This unique BHS literature course grows out of our assumption that fiction, poetry, drama, non-fiction and film 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. Class discussions and written essays will help students discover and express their own thoughts and learning about literature.

Students who enroll in English 111 should anticipate a rigorous course of study and be prepared to assume significant responsibility to increase and sharpen their literary analysis skills. This is a 0.5 credit semester course taught in conjunction with Composition I (ENGL&101) for a total of 1.0 high school credit. However, for those who have passed the *Accuplacer Exam* (or scored a 3 or 4 on the SBAC) prior to enrollment, and earn a 70% or better in the class, you have the opportunity to earn five credits through Cascadia College upon payment of the fee.

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

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 course is designed to help develop the English language in an academic setting with a focus on reading, writing, speaking and listening. Students will begin to master the necessary language skills through various forms of learning: direct instruction, peer-to-peer exercises, teacher-student collaboration, presentations and writings. Reading and writing development is practiced daily, per student need and grade level, and align with both the Common Core State Standards and English Language Proficiency Standards. The expectation is that students can use a variety of grade level texts to help develop analysis methods. Texts include novels, plays, poetry, short fiction and non-fiction articles to supplement this skill building. In the end, this course aims to provide a sheltered environment using specially designed academic instruction in English (SDAIE) that supports and fosters student language growth based on individual English language needs. Students who score *emerging* on the ELPA21 Screener should be enrolled in this class. Students who score *progressing* will be evaluated by the ELL teacher for best placement.

ELD ~ ENGLISH LANGUAGE DEVELOPMENT

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

HEALTH

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Recommendation:</i>	<i>9, 10</i>
<i>Diploma Category:</i>	<i>Health</i>

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

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Recommendation:</i>	<i>9, 10</i>
<i>Diploma Category:</i>	<i>Life Fitness</i>

Students will acquire knowledge so that they can make informed decisions on a lifetime fitness program and the importance of maintaining a level of fitness. Students are required to take one semester of Life Fitness to meet a portion of their Physical Education graduation requirement. The course includes weight training, cardiovascular training and lectures. This class must be taken is a prerequisite to Advanced Fitness, Advanced Weights & Conditioning and Sports Conditioning.

BASKETBALL

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Physical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

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

RACKET SPORTS

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Physical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

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

STRENGTH & FITNESS

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Physical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

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.

TEAM SPORTS

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Physical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

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, softball, speedball, team handball and ultimate Frisbee. Curriculum will vary depending on the time of year and availability of facilities.

WALKING FITNESS

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Physical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

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

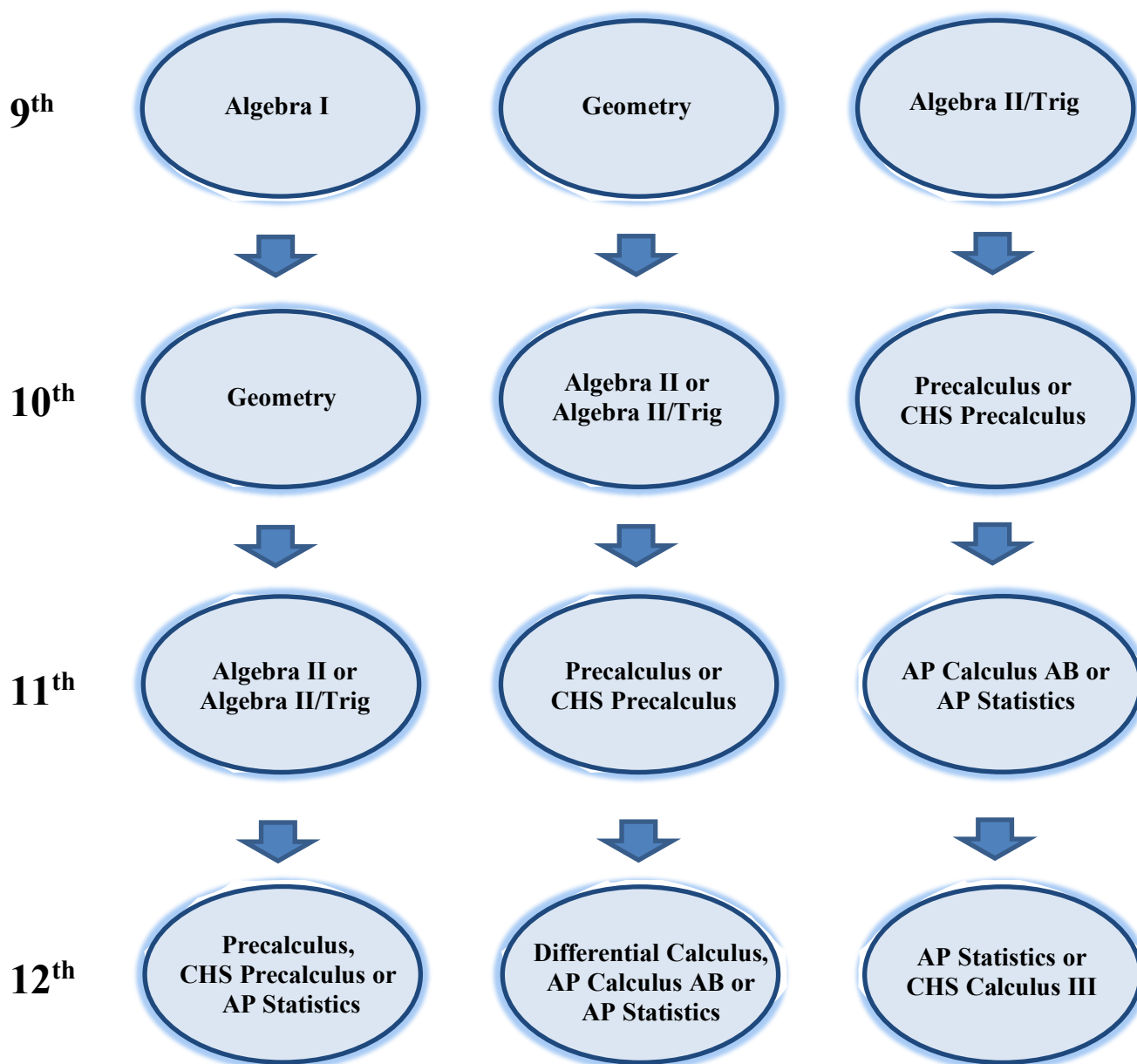
<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Physical Education</i>
<i>Repeatable:</i>	<i>Yes</i>

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 most universities recommend four years of mathematics. AP Computer Science Principles and Robotics may also count toward completion of a student's third year of math.

TYPICAL HIGH SCHOOL MATH SEQUENCE EXAMPLES



ALGEBRA I

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10</i>
<i>Equipment:</i>	<i>A graphing calculator is required (TI-83 or TI-84)</i>
<i>Diploma Category:</i>	<i>Algebra</i>

This is the first course in the high school math sequence and addresses the Common Core State Standards for high school mathematics. 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 and quadratic functions. Students will also explore absolute value functions, piecewise-defined 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, arithmetic and geometric sequences, 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

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11</i>
<i>Prerequisite:</i>	<i>1.0 Credit earned in Algebra I</i>
<i>Equipment:</i>	<i>A graphing calculator is required (TI-83 or TI-84)</i>
<i>Diploma Category:</i>	<i>Geometry</i>

This is the second course in the high school math sequence, following Algebra 1. Students will formalize their reasoning skills to write proofs built on definitions, axioms, and theorems. Students will study 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

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>1.0 Credit earned in Geometry</i>
<i>Equipment:</i>	<i>A graphing calculator is required (TI-83 or TI-84)</i>
<i>Diploma Category:</i>	<i>3rd Year Math</i>

This is the third course in the high school math sequence following Algebra 1 and Geometry. 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

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11</i>
<i>Prerequisite:</i>	<i>1.0 Credit earned in Geometry & Instructor Approval</i>
<i>Equipment:</i>	<i>A graphing calculator is required (TI-83 or TI-84)</i>
<i>Diploma Category:</i>	<i>3rd Year Math</i>

This is a fast-paced, rigorous course of mathematics that is more challenging than Algebra II. Students must be highly self-motivated and have already demonstrated strong study skills. This course is designed for a student preparing to complete College in the High School Pre-Calculus course. 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. Students will study periodic and trigonometric functions. This course meets the third year math requirement for high school graduation and college admission requirements.

PRE-CALCULUS

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>1.0 Credit earned in Algebra II or Algebra II-Trigonometry</i>
<i>Equipment:</i>	<i>A graphing calculator is required (TI-83 or TI-84)</i>
<i>Diploma Category:</i>	<i>3rd Year Math (or Algebra or Geometry)</i>

This course is designed for, but not limited to, a student who plans to study Calculus. Students will continue to 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 is a major focus of this course.

CHS PRE-CALCULUS

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>1.0 Credit earned in Algebra II-Trigonometry</i>
<i>Equipment:</i>	<i>A graphing calculator is required (TI-83 or TI-84)</i>
<i>Diploma Category:</i>	<i>3rd Year Math (or Algebra or Geometry)</i>
<i>Fee:</i>	<i>Optional fee for those choosing to earn college credit</i>
<i>Other info:</i>	<i>10 college credits may be earned through Edmonds Community College under the conditions of the College in the High School Program.</i>

This is a fast-paced, rigorous course of mathematics that is more challenging than Pre-Calculus. Students must be highly self-motivated and have already demonstrated strong study skills. This course is designed for a student preparing to complete the AP/CHS Calculus course. 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.

Note: *Students will need to complete a packet of summer work prior to beginning the class.*

CHS DIFFERENTIAL CALCULUS

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Prerequisite:</i>	<i>1.0 Credit earned in Pre-Calculus</i>
<i>Equipment:</i>	<i>A graphing calculator is required (TI-83 or TI-84)</i>
<i>Diploma Category:</i>	<i>3rd Year Math (or Algebra or Geometry)</i>
<i>Fee:</i>	<i>Optional for those choosing to earn college credit</i>
<i>Other Info:</i>	<i>5 college credits may be earned from Edmonds Community College under the conditions of the College in the High School Program.</i>

This is a college level course that covers limits, differentiation of algebraic, exponential, logarithmic, trigonometric, and inverse trigonometric functions and applications. The course is equivalent to Math 151 (Differential Calculus).

AP CALCULUS AB **CHS CALCULUS**

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>1.0 Credit earned in CHS Pre-Calculus or Pre-Calculus</i>
<i>Equipment:</i>	<i>A graphing calculator is required (TI-83 or TI-84)</i>
<i>Diploma Category:</i>	<i>3rd Year Math (or Algebra or Geometry)</i>
<i>Fee:</i>	<i>Optional for those choosing to earn college credit or take the AP Exam in the Spring</i>
<i>Other Info:</i>	<i>Students may take the AP Exam in the spring. Up to 10 college credits from Edmonds Community College may be earned under the conditions of the College in the High School Program.</i>

This course designed for students with a high interest and strong background in mathematics. Students can choose the AP program, and/or the Edmonds Community 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.

CHS CALCULUS III

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>1.0 Credit earned in AP Calculus AB</i>
<i>Equipment:</i>	<i>A graphing calculator is required (TI-83 or TI-84)</i>
<i>Diploma Category:</i>	<i>3rd Year Math (or Algebra or Geometry)</i>
<i>Fee:</i>	<i>Optional for those choosing to earn college credit</i>
<i>Other Info:</i>	<i>5 college credits (Math 153) may be earned from Edmonds Community College under the Conditions of the College in the High School Program</i>

This is a college level course that builds on the topics covered in 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 multi-variable functions.

AP STATISTICS **CHS STATISTICS**

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Prerequisite:</i>	<i>1.0 Credit earned in Pre-Calculus (grade of B or better recommended) or CHS Pre-Calculus</i>
<i>Equipment:</i>	<i>A graphing calculator is required (TI-83 or TI-84)</i>
<i>Fee:</i>	<i>Optional for those choosing to earn college credit</i>
<i>Diploma Category:</i>	<i>3rd Year Math</i>
<i>Other Info:</i>	<i>Students may take the AP exam in the spring. Up to 5 college credits from Edmonds Community College may be earned under the conditions of the College in the High School Program</i>

Students must be highly self-motivated and have already demonstrated strong study skills. This course is designed to offer a continued study of quantitative thinking in the areas of statistics and probability for the serious math student. 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. The course is equivalent to Math 146 (Introduction to Statistics).

SCIENCE***THREE SCIENCE CREDITS FOR HIGH SCHOOL GRADUATION***

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

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

Class of 2020: Students who successfully completed Physical Science and Biology in Grades 9 and 10 may choose their 3rd year of science based upon interests and having met the qualifying prerequisites for the course.

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 CHS Computer Programming 1. 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, Chemistry, AP Physics 1, and AP Environmental Science. Subsequent courses should be selected in consultation with the student's science teacher and/or counselor.

ASTRONOMY

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'll 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's 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'll leave with a sense of our place in the universe.

BIOLOGY

Length / Credit: Full Year / 1.0 Credit
Grades: 9
Diploma Categories: 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 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.

AP BIOLOGY

Length / Credit: Full Year / 1.0 Credit
Grades: 10, 11, 12
Prerequisites: Successful completion of Biology and Chemistry
Fee: Optional AP exam fee of \$94 if taken in spring; students will be asked in the fall to determine whether they intend to take the AP exam
Diploma Categories: Lab Science or Third Year of Science

Advanced Placement Biology is a second-year course designed to prepare students to do well on the optional AP Biology exam. It will consider, but not be limited to, biology, ecology, chemistry of cells, cellular energy, evolutionary diversity of organisms, function of plants and animals, heredity, life, and molecular genetics and structure. These topics will be covered through class discussions, lectures, independent student research and both teacher-directed and independent experiments. Some dissection may be required. Students need to be able to work independently.

CHEMISTRY

Length / Credit: Full Year / 1.0 Credit
Grades: 9, 10, 11, 12
Prerequisite: Successful completion or concurrent enrollment in Algebra II or Algebra II / Trigonometry
Diploma Categories: Lab Science or Third Year of Science

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

AP CHEMISTRY

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Successful completion of Chemistry and Algebra II</i>
<i>Fee:</i>	<i>Optional AP exam fee of \$94 if taken in spring; students will be asked in the fall to determine whether they intend to take the AP exam</i>
<i>Diploma Categories:</i>	<i>Lab Science or Third Year of Science</i>

Advanced Placement Chemistry will delve more deeply into the concepts covered in first-year chemistry. This class will cover the same material as is 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. The course will prepare students to take the AP Chemistry exam in the spring.

CHS INTRODUCTION TO ENVIRONMENTAL SCIENCE

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Successful completion of Biology</i>
<i>Diploma Categories:</i>	<i>Lab Science or Third Year of Science</i>
<i>Fee:</i>	<i>Optional fee of \$195 for students choosing to earn college credit</i>
<i>Other Info:</i>	<i>Up to 5 college credits may be earned under the conditions of the College in the High School program under the course title ENVS&101 Introduction to Environmental Science</i>

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.

AP ENVIRONMENTAL SCIENCE

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Fee:</i>	<i>Optional AP exam fee of \$94 if taken in spring</i>
<i>Diploma Categories:</i>	<i>Lab Science or Third Year of Science</i>

Advanced Placement Environmental Science 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. The College Board recommends this course for students who have completed two years of high school laboratory science — one year of life science and one year of physical science (for example, a year of biology and a year of chemistry).

FORENSICS

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Categories:</i>	<i>Lab Science or Third Year of Science</i>

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

Length / Credit: One Semester / 0.5 Credit
Grades: 10, 11, 12
Diploma Categories: Career & Technical Education; Lab Science or Third Year 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. The structure and function of the human body is the focus of study. Extensive labs and activities support concepts learned.

MARINE BIOLOGY

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. Students will also complete individual and group projects.

PHYSICS

Length / Credit: Full Year / 1.0 Credit
Grades: 9, 10, 11, 12
Prerequisite: Successful completion of Algebra I
Diploma Categories: Lab Science and Third Year of Science

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

AP PHYSICS 1

Length / Credit: Full Year / 1.0 Credit
Grades: 9, 10, 11, 12
Prerequisite: Completion of or concurrent enrollment in Algebra II or Algebra II/Trig
Fee: Optional AP exam fee of \$94 if taken in spring
Diploma Categories: Lab Science or Third Year of Science

Advanced Placement Physics 1 is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. This course will prepare students to take the AP Physics 1 exam in the spring.

AP PHYSICS 2

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Completion of Physics or AP Physics 1</i>
<i>Fee:</i>	<i>Optional AP exam fee of \$94 if taken in spring</i>
<i>Diploma Categories:</i>	<i>Lab Science or Third Year of Science</i>

Advanced Placement Physics 2 is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics.

SCIENCE OLYMPIAD TOPICS RESEARCH

<i>Length / Credit:</i>	<i>Full year / 1.0 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Categories:</i>	<i>Flexible</i>
<i>Other Info:</i>	<i>Enrollment priority will be given to students participating in the Science Olympiad</i>

Science Olympiad Topics Research is designed to help students pursue independent science research and prepare for 2019-20 Science Olympiad events. Students will research, design, investigate and build using best practices with correlations to NGSS standards for specific Science Olympiad events. Students will be able to explore topics in the fields of biology, physics, chemistry, and Earth and space science and delve into engineering and technical design. This course is extremely rigorous and requires students to be motivated and capable of independent research and study.

ZOOLOGY

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Successful completion of Biology</i>
<i>Diploma Categories:</i>	<i>Lab Science and Third Year of Science</i>

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

SOCIAL STUDIES

WORLD HISTORY

Length / Credit: Full Year / 1.0 Credit
Grades: 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. 10th graders will complete the 10th grade Social Studies Classroom Based Assessment (CBA) in the Spring.

This course addresses the Common Core State Standards for History, prepares students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of Social Studies course work.

AP WORLD HISTORY

Length / Credit: Full Year / 1.0 Credit
Grades: 10
Diploma Category: World History
Fee: Optional AP Exam fee if taken in Spring
Other Info: Enrolled students will be given the opportunity to take the AP Human Geography exam in May for college credit

This is a college level, year-long course designed to develop greater understanding of global history; the study of human interactions and their consequences throughout history. This class begins its study in ancient history and ends with an investigation of present day global relations. Students who successfully complete the course will be prepared to pass the AP World History Exam, which will enable them to earn college credit.

UNITED STATES HISTORY

Length / Credit: Full Year / 1.0 Credit
Grades: 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. Students will learn to assess historical materials – their relevance in relation to class discussions, media information, research materials and instructor input.

AP UNITED STATES HISTORY

CHS UNITED STATES HISTORY

Length / Credit: Full Year / 1.0 Credit
Grades: 11
Diploma Category: US History
Fee: Optional AP Exam Fee if taken in Spring; Optional fee for those choosing to earn college credit
Other Info: Enrolled students will be given the opportunity to take the AP US History exam in May for College credit. Up to 5 credits can be earned from Cascadia College under the conditions of The College in the High School Program when grade of C or better is earned

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 will be expected to be highly motivated, willing to accept academic challenges and capable of moving at a fast pace. Only highly motivated students are encouraged to enroll. AP US History students may take the AP Exam in May to earn college credit.

CONTEMPORARY NATIONAL ISSUES

Length / Credit: Semester / 0.5 Credit
Grades: 12
Diploma Category: Contemporary World Issues

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

Topics include:

- Federal, state, and local government organization and procedures
- Rights and responsibilities of citizens addressed in the Washington State and United States Constitutions
- Current issues addressed at each level of government

Additionally, this course will address both current issues at each level of government and elections, ballot measures, initiatives and referenda.

Note: This course meets the following graduation requirements for social studies: 1 semester of civics and ½ of the requirement for Contemporary National/World Issues.

CONTEMPORARY WORLD ISSUES

Length / Credit: Semester / 0.5 Credit
Grades: 12
Diploma Category: Contemporary World Issues

This course is designed to help students understand what is going on in the world today. This course will examine current cultural, economic, environmental, political and religious conflicts around the world today.

Additionally, students will examine how these events might impact their lives. Students will examine the role that they can/do play in these events while studying the history and impact of these events on the world.

Note: This course meets ½ the requirement of Contemporary National/World Issues.

AP UNITED STATES GOVERNMENT & POLITICS
CHS UNITED STATES GOVERNMENT & POLITICS

Length / Credit: Full Year / 1.0 Credit
Grades: 12
Diploma Category: Contemporary World Issues
Fee: Optional AP Exam Fee if taken in Spring; Optional fee for those choosing to earn college credit
Other Info: Enrolled students will be given the opportunity to take the AP US Government & Politics exam in May for college credit. Up to 5 college credits can be earned from Cascadia College under the conditions of the College in the High School Program when grade of C or better is earned.

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. Only highly motivated students are encouraged to enroll.

CHS GLOBAL STUDIES

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>12</i>
<i>Diploma Category:</i>	<i>Contemporary World Issues</i>
<i>Fee:</i>	<i>Optional fee for those choosing to earn college credit</i>
<i>Other Info:</i>	<i>Up to 5 college credits can be earned from Cascadia College under the conditions of the College in the High School Program when grade of C or better is earned</i>

This year-long, 100 level college course introduces students to Global Studies by exploring comparative government, economic systems, globalization, conflict and genocide, the legacy of colonialism, and the role of international organizations in peaceful conflict resolution. We will also examine topics in human rights, global citizenship, the relationship between humans and environmental change, and sustainable development.

Students are expected to have read the assigned material each night and to come to class ready to discuss both domestic and international events and political news every day. The instructor's role is to assist in expanding students' abilities to think independently, encourage informed civic participation, and strengthen research and literacy skills.

Students who perform at college level expectations on several course assignments may apply for Cascadia Community College credit. Only highly motivated students are encouraged to enroll.

AP EUROPEAN HISTORY

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Diploma Category:</i>	<i>World History</i>
<i>Fee:</i>	<i>Optional AP Exam fee if taken in Spring</i>
<i>Other Info:</i>	<i>Enrolled students will be given the opportunity to take the AP European History exam in May for college credit.</i>

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

AP HUMAN GEOGRAPHY

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>9</i>
<i>Diploma Category:</i>	<i>Flexible</i>
<i>Fee:</i>	<i>Optional AP Exam fee if taken in Spring</i>
<i>Other Info:</i>	<i>Enrolled students will be given the opportunity to take the AP Human Geography exam in May for college credit</i>

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. In addition, this course will focus on reading, writing, and study skills to help prepare students to be successful in high school and beyond. AP Human Geography addresses the Common Core State Standards for History, prepares students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of Social Studies course work.

INTRODUCTION TO LAW & THE JUSTICE SYSTEM

Length / Credit: One Semester / 0.5 Credit

Grades: 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. Grades will be assigned based on a range of assessments, including short weekly quizzes, analysis and response papers, participation and presentations and a final exam.

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.

LEARNING CENTER (LC) CLASSES

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

ACADEMIC LAB CLASSES

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

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.

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.

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 teacher permission but priority is given to first time learners.

1ST YEAR LANGUAGE

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

FRENCH 100, GERMAN 100, SPANISH 100, JAPANESE 100

Length / Credit: Full Year / 1.0 Credit
Grades: 9, 10, 11, 12
Diploma Category: Flexible

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

AMERICAN SIGN LANGUAGE 100

Length / Credit: Full Year / 1.0 Credit
Grades: 9, 10, 11, 12
Prerequisite: Strongly recommend a grade of C or better in all course work
Diploma Category: Career & Technical Education
Other Info: 5 Pacific NW College Credits available when grade of B or better is earned

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

Note: *This is a college level course. Students who take ASL need to be able to hold eye contact, interact with others, be academically responsible and organized, work in a voices-off environment, and be willing to do the work.*

2ND YEAR LANGUAGE

FRENCH 200, GERMAN 200, SPANISH 200, JAPANESE 200

Length / Credit: Full Year / 1.0 Credit
Grades: 9, 10, 11, 12
Prerequisite: Successful completion of the 100 level course of the same language
Diploma Category: Flexible

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

AMERICAN SIGN LANGUAGE 200

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Successful completion of ASL 100</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>5 Pacific NW College Credits available when grade of B or better is earned</i>

ASL 200 expands on vocabulary, deepens complex grammatical understanding, functional application, deaf history, culture and community. Second year will focus more on classifiers, use of spatial referencing, role-shifting, signer's point of view, verb inflections and the greater deaf community (agencies serving the deaf and hard-of-hearing). Using dialogues and narratives while continuing their virtual portfolios, students will grow in their fluency, prosody and confidence.

3RD YEAR LANGUAGE**AMERICAN SIGN LANGUAGE 300**

<i>Length/Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Prerequisite:</i>	<i>Successful completion of ASL 200</i>
<i>Diploma Category:</i>	<i>Career & Technical Education</i>
<i>Other Info:</i>	<i>5 Pacific NW College Credits available when grade of B or better is earned</i>

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.

CHS FRENCH 350, CHS GERMAN 350, CHS JAPANESE 350, CHS SPANISH 350

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Successful completion of the 200 level course of the same language</i>
<i>Diploma Category:</i>	<i>Flexible</i>
<i>Fee:</i>	<i>Optional fee for those choosing to earn college credit</i>
<i>Other Info:</i>	<i>5 College credits available through the College in the High School Program</i>

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 juniors and seniors 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.

4TH YEAR LANGUAGE**GERMAN 400**

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Successful completion of 300+ level German</i>
<i>Diploma Category:</i>	<i>Flexible</i>

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. This course entails 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.

CHS FRENCH 450, CHS JAPANESE 450, CHS SPANISH 450

<i>Length / Credit:</i>	<i>Full Year / 1.0 Credit</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Successful completion of the 300+ level course of the same language</i>
<i>Diploma Category:</i>	<i>Flexible</i>
<i>Fee:</i>	<i>Optional fee for those choosing to earn college credit</i>
<i>Other Info:</i>	<i>5 College credits available through the College in the High School Program</i>

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.

DUAL LANGUAGE CREDIT***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](http://nsd.org/In%20Our%20Schools/Assessment/World%20Language%20Competency%20Test) to sign up for this exam early in the school year.

ADDITIONAL COURSE OFFERINGS

LEADERSHIP CLASS

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Prerequisite:</i>	<i>ASB card required</i>
<i>Diploma Category:</i>	<i>Flexible</i>
<i>Repeatable:</i>	<i>Yes</i>

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

OFFICE & TEACHER ASSISTANTS

<i>Length / Credit:</i>	<i>One Semester / 0.5 Credit</i>
<i>Grades:</i>	<i>11, 12</i>
<i>Prerequisite:</i>	<i>Staff permission</i>
<i>Diploma Category:</i>	<i>Flexible</i>
<i>Repeatable:</i>	<i>Yes</i>

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 Pass/No Credit grade.

WORK STUDY

<i>Length / Credit:</i>	<i>One or Two Semesters / 0.5 Credit per Semester</i>
<i>Grades:</i>	<i>10, 11, 12</i>
<i>Prerequisite:</i>	<i>Application and acceptance; Student is LEGALLY employed</i>
<i>Diploma Category:</i>	<i>Flexible</i>
<i>Repeatable:</i>	<i>Yes; up to 2 credits maximum on the transcript, 1.0 credit per school year</i>

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.

APEX CREDIT RETRIEVAL

<i>Length / Credit:</i>	<i>One or Two Semesters / 0.5 Credit per Semester</i>
<i>Grades:</i>	<i>9, 10, 11, 12</i>
<i>Diploma Category:</i>	<i>Varies by Subject Needed</i>

APEX 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 APEX 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.

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.

