

2026 - 2027

**INGLEMOOR HIGH SCHOOL
COURSE DESCRIPTION CATALOG**

GRADES 9 - 12



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GENERAL INFORMATION

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.

Inglemoor high school provides a learning environment in which all students can pursue knowledge, develop positive attitudes, and acquire skills necessary for lifelong learning and responsible citizenship in an interdependent world.

Expected Student Outcomes

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

Counseling & Career Center

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

College Academic Distribution Requirements (CADRs)

Student enrolling in a Washington public baccalaureate institution must meet, at a minimum, the following two admission requirements:

1. Maintain a GPA of 2.0 or higher.
2. Complete the college academic distribution requirements.

This document includes detailed information about the college academic distribution requirements. Students can meet these requirements through high school coursework or college coursework.

Scheduling Assistance

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

Schedule Change Policy

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

Schedule changes may be made on a limited basis for the following reasons:

- A graduation requirement must be added.
- A student does not have the skills to continue in a year-long class.
- Administrative withdrawal is requested.
- Incomplete Schedule
- Duplicate classes/obvious errors
- IEP/ELL placement issues
- Any schedule change that does not meet these criteria is subject to administrative approval.

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

SchooLinks / Student

The Northshore School District is partnering with OSPI and *SchooLinks* to deliver a comprehensive High School and Beyond Plan curriculum. *SchooLinks* is a web-based college and career program designed to assess students' interests, skills and strengths, explore careers, college majors, post-secondary opportunities, and scholarships. *SchooLinks* also allows the counseling office to submit transcripts, secondary school reports, and communicate effectively with students about college visits, scholarship opportunities, and more. Students access their individual *SchooLinks* accounts through Clever.

Some additional resources the *SchooLinks* program offers include:

- Researching local scholarship options
- Searching and comparing colleges
- Displaying scattergrams of historical college and admissions data
 - Registering for college visits
 - Requesting official transcripts
- Exploring personality types and matching them with career interests
 - Researching careers
 - Creating a resume

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 need for specially designed instruction. Students are also expected to meet all graduation requirements including full credits, state assessments, and high school and beyond plan. Some students may qualify for modifications in state assessments and modified credit expectations as noted on their IEPs.

Academic Lab Classes

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

Co-Teaching Classes

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

ASPIRE

This is a specially designed behavior program for students that require support in the areas of behavior, social skills and social-emotional needs.

Mid-Level (ML) Classes*

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

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

Functional Skills and Academics (FSA) Classes

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

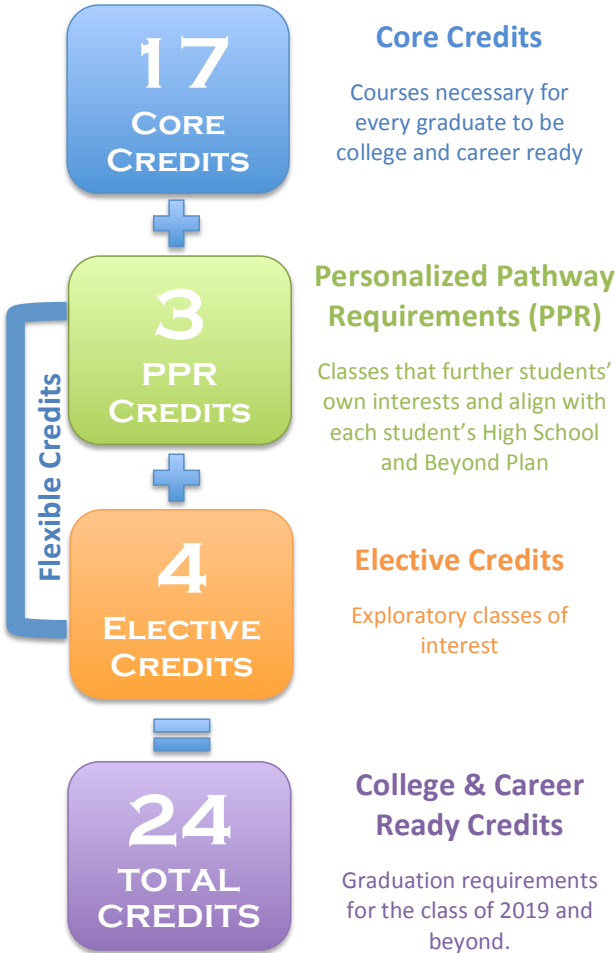
CAREER CENTER RESOURCES AND SERVICES

The College & Career Center is a unique and valuable area within the High School Counseling Department. Open to all students and parents, the CCC provides many resources to aid in the exploration of career and post-secondary education.

SchooLinks/High School and Beyond Plan	<i>SchooLinks</i> is a web-based college and career program that students use to complete their High School and Beyond Plan. The HSBP is a graduation requirement designed to help students through both self-exploration and exploring post-high school options with the goal of students having an articulated goal after graduation that reflects their skills, strengths, and aspirations. <i>SchooLinks</i> also allows the counseling office to submit transcripts, secondary school reports, and communicate effectively with students about college visits, scholarship opportunities, and more. Students access their individual <i>SchooLinks</i> account through Clever.
Visits by College Representatives	College admission representatives visit high schools in the fall and during the school year to make presentations to interested students. They introduce their school and answer students' questions.
Visits by Armed Services Personnel	Recruiters from all the military services are available during their visits or at students' request. ROTC and service academy representatives visit in the fall and spring to assist students in applying for these programs. Visits are during student lunches.
Scholarship Information	Scholarship information is located on the IHS website under Counseling
Community Service and Volunteer Opportunities	Information on a variety of community service, volunteer, and work opportunities along with contact information are posted regularly on the IHS website under Counseling.
SAT and ACT	Information for college admissions tests is available.
ASVAB Aptitude Test	This nationally recognized aptitude test is offered to interested students. Interested students should reach out to the College and Career Counselor.
WANIC/Satellite – Career Tech/Ed programs	Information on the hands-on CTE learning opportunities, like Auto Tech, Nursing, and Fire/EMS is provided in the College and Career Center.

CORE 24 GRADUATION REQUIREMENTS

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



Core Credits plus Personalized Pathway Requirements (PPR)

4 English	3 Math	3 Science
3 Social Studies	2 Health & Fitness	1 Career & Technical Education
2 Arts	-or- 1 Arts	+ 1 PPR Course
2 World Language	-or- 2 PPR Courses	
4 Elective credit courses chosen by the student		

Diploma Requirements for Graduation 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 Elective** credits.

Subject	Credits
English	4.00 credits
Mathematics	3.00 credits
Science	3.00 credits
Social Studies	3.00 credits
Health/Fitness	2.00 credits
Career & Technical Education (Occupational Ed.)	1.00 credit
The Arts	2.00 credits -OR- 1.00 Arts + 1.00 PPR*
World Language	2.00 credits -OR- 2.00 PPR*
Elective Credits	4.00 credits
TOTAL	24.00 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 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, or if the parent or guardian is unavailable or does not indicate a preference, the school counselor or principal.
- **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, or if the parent or guardian is unavailable or does not indicate a preference, the school counselor or principal.
- **Social Studies:** 3.0 credits: 1.0 World History, 1.0 US History, and .50 credit in Contemporary World Problems and .50 credit of Civics requirement. One semester in Washington State History and Constitution must be met, typically 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 and Technical Education (Occupational Ed.):** 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.
- **Elective Credits:** 4.0 credits chosen by the student.
- Successfully complete two courses in any combination of AP, IB, College in the High School, PNW College Credit, **and/or** Running Start, unless an alternative course of study is identified through the student's High School and Beyond Plan.
- Complete the High School and Beyond Plan
- Meet all State high school assessment requirements.

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 elective 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.

Waiving Graduation Requirements

Waiving of graduation requirements is determined by the principal or his/her designee. The procedure for waiving is as follows:

1. The student shall initiate the request. Exemption/Waiver forms are available in the Counseling Center.
2. The principal or his/her designee shall review the request for waiving of graduation requirement.
3. The principal or his/her designee shall make a determination in writing based upon appropriate data and upon conclusions of the review.
4. Waiving of a graduation requirement does not reduce the total number of credits needed for graduation.

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:

- HF1 = .5 credit of Life Fitness
- HF2 = 1.0 credit of PE 9-12
- HF3 = .50 credit of Health

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

Northshore School District Procedure

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

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

Credits

Credit is obtained by attaining a passing grade in a regularly scheduled course. Students earn .50 credit for each semester course. All students are responsible for reviewing and monitoring progress toward graduation. Transcripts and diploma summaries are distributed annually. Instructions on how to read and interpret these documents are given. Seniors should conference with counselors immediately if they are not enrolled in courses which 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. Your counselor 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 (P) Pass or (F) Fail.

Each student's grade point average shall be the sum of the point values, as defined above, of all the 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 mid-February and 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 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/program providers must check with their counselors 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.

Fees

In accordance with state law, the school district will provide each student with the materials and supplies necessary to learn the basic skills taught in their classes. However, many students desire to extend their creativity and educational experiences beyond the basics and many students wish to keep the projects they make in school. In these cases, special materials may be purchased at school, when available (project purchase fee), or brought from home or other sources. Other optional expenses associated with high school include: ASB card, yearbook, school pictures, parking. 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.

Fee waivers and reductions shall be granted to students whose families would have difficulty paying by reason of their low income. The USDA Child Nutrition Program guidelines shall be used to determine qualification for a fee waiver or reduction.

In the event the student does not make proper restitution, the following will occur (as per board policy 3520):

- No parking passes will be issued.
- The student will be held out of participation in extracurricular activities, including athletics.
- 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, **including transcripts sent with college applications.**
- The student will be held out of graduation ceremonies and activities, including walking at graduation.
- Students transferring to another school will have their official transcript withheld and the enrolling school will be notified of unpaid fines/fees.

Athletic Eligibility

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

1. Be a resident of Northshore School District and living with parent/guardian.
2. Be enrolled in and passing six out of 7 subjects.
3. Fall athletes must have passed 6 classes at the end of the previous spring term.
4. Students will be required to earn a minimum 2.0 GPA for the previous semester in order to achieve interscholastic eligibility.
5. Have a current physical examination on file in the activities/athletic office. Physicals are good for 2 years from the date of the doctor's visit but must be **valid through the sports season until the state playoffs of that sport.**
6. Provide insurance company information or purchase insurance.
7. Purchase an ASB card.
8. Participation fee must be paid within the first two weeks of participation. If the sport makes cuts, the fee is due after the athlete has made the team but within the first two weeks.
9. Fines must be paid.
10. Concussion and new sports specific guideline forms must be completed each sports 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. Separate application to the NCAA is required before any scholarship or athletic recruitment can take place. It is the responsibility of each student to meet the requirements. For more information, visit the NCAA Eligibility Center website at www.ncaaclearinghouse.net or contact your counselor in the Counseling Department.

AP, COLLEGE IN THE HIGH SCHOOL, PNW College Credit, & RUNNING START

AP (Advanced Placement)

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

AP Quick Facts

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

College in the High School (CHS)

Students can earn college credit in approved high school courses. These courses are indicated/noted 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/ university fee. Students who choose to take the course for college/university credit, must pay the college/university fee and meet all content requirements in addition to high school course content. Students earning college /university credits will receive a grade and transcript from the college/university. Specific information regarding the credit provider and fees will be provided by the class instructor. Contact your counselor for more information.

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

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 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://readysetgrad.org/rsg_cred_wiz/form

PNW College Credit

The Pacific Northwest 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 PNW College Credit class
- Registering for PNW College credit
- Paying the consortium fee (Cost may be subject to change.)
- Completing the courses with a B grade or higher

Courses for which PNW credit is available are noted with (**PNW Credit**) on the diploma category line. Additional information about approved PNE College Credit programs are available from course instructors, your Career & College Counselor, or at pnwcollegecredit.org

Running Start

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

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

due to new college quarters beginning, students are expected to attend all high school courses. **High school courses take precedence over Running Start courses at the college during this overlap.**

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

INTERNATIONAL BACCALAUREATE PROGRAM

The IB Program is a rigorous, internationally recognized course of study. The program is housed at Inglemoor High School but is open to all interested students. IB is designed to provide students with a foundation of in-depth learning in six subject areas. During the final two years of high school, students are uniquely challenged to meet high standards in every class. Expectations include self-directed and disciplined study, research, critical analysis of information, and effective oral and written communication.

Students planning to enroll in three or more Pre-IB Courses must complete an IB Statement of Interest. The form is available at each middle school, the IB Office at Inglemoor High School and the Inglemoor website: <http://www.nsd.org/ib>. An IB student should demonstrate past success in 9th grade classes. Therefore, a minimum GPA of 3.2 is highly recommended for interested students. We recognize that many capable students may have grades that do not reflect ability. These students may be asked to meet with the IB Coordinator to discuss strategies for future academic improvement and success. Paperwork is available in January of the 8TH grade year. Interested students should turn in statements to the IB office by March.

What is a Full IB Diploma Student?

A Full Diploma Student is a student who:

- Studies six IB courses at the higher and standard level
- Writes a 4,000-word extended essay
- Completes the Theory of Knowledge (TOK) course
- Completes 150 hours of extracurricular creativity, action, and service (CAS) projects

Is a student required to do the full IB Diploma?

No. We encourage all interested students, however, to consider the full IB Diploma because it is a challenging yet balanced program of education that prepares students for success at university and life beyond. However, this is not a requirement and students may enroll in one or more IB courses.

How much does it cost?

The full diploma fee is between \$800 - \$900. Federal Funding is available to qualifying students to help defray exam costs.

Can my child still get into the IB Program without having taken all the suggested Pre-IB coursework?

We make every effort to accommodate all interested students. Some students may be required to take additional courses during the summer to prepare for the IB Program.

Is there time for an IB student to participate in school sports, activities, or a job?

Many IB students successfully complete the IB Program as well as participate in sports and activities. An IB student will find it necessary to study at least two to three hours daily for class preparation. Time management skills are critical.

Are IB students required to take the IB examinations?

Diploma students must take the examinations. While we cannot require assessment fees for non-diploma students, we strongly encourage every IB student to participate in this aspect of the program. Testing supports our teachers, our school and honors the hard work of the greater Northshore community.

Does a Diploma of the International Baccalaureate satisfy Washington State Graduation requirements?

Yes! In April 2011, Washington State joined four other states in recognizing the IB diploma. The IB diploma now automatically satisfies most, if not all, graduation requirements.

What does that mean for Inglemoor IB Diploma students?

To fulfill the state graduation requirements IB Diploma students will have to:

- Pass the state required high school assessments and earn the Certificate of Academic Achievement (CAA)
- Complete the High School and Beyond Plan starting in grade 8 that continues through grade 12
- Study the US and WA State Constitution
- Pass all IB Diploma Classes
- Complete all IB Diploma internal assessments
- Sit for all required IB Examinations
- Complete the Extended Essay
- Satisfy Theory of Knowledge requirements
- Satisfy all CAS requirements

The most significant change is that now a student will need to complete all IB Diploma requirements in order to receive a State of Washington diploma. If a student fails to complete all IB requirements, they may not graduate. For this reason we strongly encourage students to fulfill all traditional graduation requirements when possible.

International Baccalaureate Program

The IB Program is a rigorous, internationally recognized course of study for college bound high school students seeking an international education. IB is designed to provide students with a foundation of in-depth learning in six subject areas. During the first years of high school, students are uniquely challenged to meet high standards in every class. Expectations include self-directed and disciplined study, research, critical analysis of information, and effective oral and written communication.



4-Year International Baccalaureate Program of Study

Changes to course offerings may be made based on enrollment and other factors. Information about each course can be found under the specific department's course listings.

Subject	Grade 9	Grade 10	Grade 11 For the IB Diploma, a student must take a minimum of 3 and a maximum of 4 HL subjects.	Grade 12 For the IB Diploma, a student must take a minimum of 3 and a maximum of 4 HL subjects.
English	NSD Pre IB English 9	NSD Pre IB English 10	IB Language and Literature 11 (HL)	IB Language and Literature 12 (HL)
World Language French, German, Spanish, Mandarin Chinese	Sequence A: Sequence B: First year Sequence C: Second year	Sequence A: First Year Sequence B: Second year Sequence C: Third year	Sequence A: Second Year Sequence B: Third year (SL) Sequence C: Fourth year (SL)	Sequence A: Third Year <i>ab initio</i> (SL) Sequence B: Fourth year (SL) Sequence C: Fifth year (HL)
History	NSD Pre IB World History 1	NSD Pre IB World History 2	IB History of the Americas 11 (HL)	IB History of the Americas 12 (HL)
Science	Biology	Chemistry	IB Biology I (HL) NOTE: IB Biology requires Chemistry IB Physics I (HL) NOTE: The 1-year science courses listed below can count as the IB Science if Diploma Students take three other HL classes. IB Chemistry (SL) IB Computer Science (SL) IB Design Technology (SL)/(HL)	IB Biology II (HL) IB Physics II (HL) NOTE: Students who complete their IB science class their junior year can enroll in any science course their senior year.
Math	Sequence A: Algebra I Sequence B: Geometry Sequence C: Algebra II or Algebra II/Trigonometry Sequence D: IB Math Analysis 1 (SL)	Sequence A: Geometry Sequence B: Algebra II or Algebra II/Trigonometry Sequence C: IB Math Analysis 1 (SL) Sequence D: IB Math Analysis 2 (SL)	Sequence A: Algebra II Sequence B: IB Math Analysis 1 (SL) Sequence C: IB Math Analysis 2 (SL) Sequence D: IB Math Analysis 2 (HL)	Sequence A: IB Math Applications SL Sequence B: IB Math Analysis 2 (SL) Sequence C: IB Math Analysis 2 (HL) or AP Statistics Sequence D: Calculus 3/4
Elective/ IB 6th Subject	Music, Art, Health Fitness, (or other Occ. Ed. credit)	Health, Music, Art, Health Fitness, Business Technology (or other Occ. Ed. credit)	NOTE: The 6 th subject can be taken either junior year or senior year. IB Business & Management (SL) IB Chemistry (SL) IB Computer Science/JAVA (SL) / (HL) IB Design Technology (SL) (HL) IB Global Politics (SL) IB Psychology (SL) IB Visual Arts (SL) / (HL)	
IB Core				Theory of Knowledge (TOK)

USING THIS CATALOG

- This catalog is organized by category.
- 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

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.

CAD LAB: Computer Aided Design

C&CR: Career & College Readiness

CHS: College in the High School Program

Computer Science w/C#.net: Programming language for computer science

CPR: Cardiopulmonary resuscitation

DECA: Delta Epsilon Chi and Distributive Education Clubs of American 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.

HL: A curriculum course offered through the International Baccalaureate Program that offers a higher level (HL) option.

IB: International Baccalaureate Program

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.

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 Northshore School District high school, but open to all NSD high school students.

SL: A curriculum course offered through the International Baccalaureate Program that offers a standard level (SL) option.

PNW: A tech-prep program type of study is career and technical credit-based transition program. Students enrolled in a Tech-Prep program of study earn college credits.

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

DIPLOMA CATEGORIES

English 9
 English 10
 English 11
 English 12
 Algebra 1
 Algebra II/Alt 3rd Math
 Geometry
 3rd Credit of Math
 Biology
 Lab Science
 Physical Science
 3rd Credit of Science
 Contemporary World Problems
 Civics
 Social Studies
 US History 11
 World History
 Health
 Life Fitness
 PE 9-12
 The Arts
 Career & Technical ED
 Flexible Credits

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

ENGLISH

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

ENGLISH 9*ENG100**Length/Credit: Full Year/1 Credit**Grade: 9**Diploma Category: English 9*

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

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

NSD PRE IB ENGLISH 9*ENG165**Length/Credit: Full Year/1 Credit**Grade: 9**Diploma Category: English 9*

This course builds upon previous learning of the Common Core State English/Language Arts (E/LA) Standards in middle school and establishes the skills necessary for a successful progression of learning for advanced high school E/LA course work. Students will read a variety of texts including but not limited to: nonfiction, novels, plays, poetry, and short fiction. Students will write analysis and a complete argumentative essay and narrative piece. Oral analysis skills are also introduced and practiced.

ENGLISH 10*ENG200**Length/Credit: Full Year/1 Credit**Grade: 10**Diploma Category: English 10*

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

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

NSD PRE IB ENGLISH 10*ENG235**Length/Credit: Full Year/1 Credit**Grade: 10**Diploma Category: English 10*

This advanced class prepares sophomores for rigorous International Baccalaureate and Advanced Placement programs. Students will read a variety of texts including but not limited to: nonfiction, novels, plays, poetry, and short fiction. Students will write in different genres including a complete literary analysis. Oral analysis skills are practiced and honed.

ENGLISH 11*ENG300**Length/Credit: Full Year/1 Credit**Grade: 11**Diploma Category: English 11*

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

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

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

IB ENGLISH 11 [IB LANGUAGE A: LANGUAGE AND LITERATURE HL]*IBE305**Length/Credit: Full Year/ 1 Credit**Grade: 11**Diploma Category: English 11*

IB Language and Literature year one is designed to support future academic study or career related paths by developing social, aesthetic, and cultural literacy, as well as improving language competence and communication skills. The course includes the study of both literary and non-literary texts, focusing on the relationships between texts, readers, and writers; on the range and functions of texts across geographical space and time; and on aspects of intertextuality. The study of literary, non-literary, and visual texts provides a focus for understanding how meaning is constructed within belief or value systems, and how it is negotiated across multiple perspectives. Thinking critically about texts, as well as responding to producing or performing them, leads to an understanding of how language sustains or challenges ways of thinking and being. The course also builds an awareness that all texts may be understood in relation to their form, content, purpose, audience, and their associated contexts, such as social, historical, and cultural circumstances. Students will undertake an IB oral assessment during this course. Students who continue on to the second year of the course in grade 12 may take the IB exam for potential college credit.

ENGLISH 12*ENG400**Length/Credit: Full Year/1 Credit**Grade: 12**Diploma Category: English 12*

This course is designed to prepare students for the rigor and pace of college. It requires students to consistently demonstrate a commitment and competence to language arts studies. Students will read challenging texts from world literature, write analytical essays, and read secondary critical sources. Throughout the course of the year, students will explore works of fiction that include full-length novels and plays as well as thematically related nonfiction. Students will examine several perspectives on a given subject, appreciate the wide array of opinions, and advance their ideas with the framework of current debates on the topic.

Writing will involve a college or career-based personal essay and a full synthesis essay that includes a critical lens of multiple texts.

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

IB ENGLISH 12 [IB LANGUAGE A: LANGUAGE AND LITERATURE HL]*IBE405**Length/Credit: Full Year/ 1 Credit**Grade: 12**Prerequisite: IB English 11 Language & Literature HL (for students wishing to take the IB exam only)**Fees: Optional for students choosing to take the IB exam in the Spring. Financial aid available, please see your counselor.**Diploma Category: English 12**Notes: Students may take the corresponding IB exam in the spring for potential college credit. See your counselor or teacher for more information.*

IB Language and Literature year two is designed to support future academic study or career related paths by developing social, aesthetic, and cultural literacy, as well as improving language competence and communication skills. The course includes the study of both literary and non-literary texts, focusing on the relationships between texts, readers, and writers; on the range and functions of texts across geographical space and time; and on aspects of intertextuality. The study of literary, non-literary, and visual texts provides a focus for understanding how meaning is constructed within belief or value systems, and how it is negotiated across multiple perspectives. Thinking critically about texts, as well as responding to producing or performing them, leads to an understanding of how language sustains or challenges ways of thinking and being. The course also builds an awareness that all texts may be understood in relation to their form, content, purpose, audience, and their associated contexts, such as social, historical, and cultural circumstances. Students will undertake several written IB assessments during this course and prepare for the two IB exams in May. Students must have taken IB English 11 Language & Literature HL to take the IB exam in May of grade 12, however any students who want to challenge themselves may take this course.

MATHEMATICS

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Three Math Credits Required for High School Graduation

MATHEMATICS COURSE OPTIONS
Algebra I
Geometry
Algebra II
Algebra II Trigonometry
(Math & 141) Pre-Calculus 1
Finance
AP Statistics
IB Math: Applications & Interpretation SL
IB Mathematics: Analysis & Approaches SL 1
IB Mathematics: Analysis & Approaches SL 2
IB Mathematics: Analysis & Approaches HL 2
(Math & 153) Calculus III / (Math & 254) Calculus IV

ALGEBRA I*MAL100**Length/Credit: Full Year/1Credit**Grades: 9, 10, 11, 12**Diploma Category: Algebra 1*

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

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

GEOMETRY*MGE100**Length/Credit: Full Year/1Credit**Grades: 9, 10, 11, 12**Prerequisite: Algebra 1 or Concurrent Enrollment in Algebra 1**Diploma Category: Geometry*

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

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

ALGEBRA II

MAL140

*Length/Credit: Full Year/1Credit**Grades: 9, 10, 11, 12**Prerequisite: Algebra I and Geometry**Diploma Category: 3rd Credit of Math**Notes: High School level math courses require students to use a scientific calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed.*

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

ALGEBRA II/TRIGONOMETRY

MAL185

*Length/Credit: Full Year/1Credit**Grades: 9, 10, 11, 12**Prerequisite: Algebra I and Geometry**Diploma Category: 3rd Credit of Math**Notes: High School level math courses require students to use a scientific calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed.*

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

(MATH & 141) PRE-CALCULUS I

CHS111

*Length/Credit: Full Year/1Credit**Grades: 10, 11, 12**Prerequisite: Algebra II or Algebra II/Trigonometry**Diploma Category: 3rd Credit of Math, Algebra I, or Geometry**Fees: See below for more information. Financial aid available, please see your counselor.**Notes: College credits may be earned under the conditions of the College in the High School Program. See your counselor for information specific to your school and refer to the information on page 8 of this catalog.*

Students will continue to build and expand upon their understanding of functions and equations to include quadratic, exponential, logarithmic, polynomial, rational, radical and power functions. This class is equivalent to most community college's classes titled Math 141.

AP STATISTICS

MCA130

*Length/Credit: Full Year/1Credit**Grades: 9, 10, 11, 12**Prerequisite: Algebra II or Algebra II/Trigonometry**Diploma Category: 3rd Credit of Math, Algebra I, or Geometry**Fee: Optional for students choosing to take the AP exam in the spring. Financial aid available, please see your counselor.**Notes: High School level math courses require students to use a scientific calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed. Students may take the corresponding AP exam in the spring for potential college credit. See your counselor for more information.*

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

IB MATH: Applications and Interpretation SL

IBM182A/B

Length/Credit: Full Year/1Credit

Grades: 10, 11, 12

Prerequisite: Algebra II or Algebra II/Trigonometry

Diploma Category: 3rd Credit of Math, Algebra 1, or Geometry

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

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

This course is designed to provide a comprehensive background of mathematical thought. It will emphasize mathematical modeling with extensive use of the graphing calculator. The course will cover: Number and Algebra Functions, Geometry, Trigonometry, Statistics, Probability and introduce Calculus.

IB MATHEMATICS: Analysis and Approaches SL 1

IBM170

Length/Credit: Full Year/1Credit

Grades: 9, 10, 11, 12

Prerequisite: Algebra II or Algebra II/Trigonometry

Diploma Category: 3rd Credit of Math, Algebra 1, or Geometry

Notes: High School level math courses require students to use a scientific calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed. This is the 1st year of IB Mathematics SL. Completion of this course and IB Mathematics SL 2 will prepare students to take the IB Mathematics SL exam.

This course is designed to provide a comprehensive background of mathematical thought. The course will cover the first three topics of the IB Math SL curriculum in great detail: Algebra, Functions and Equations, and Circular Functions/Trigonometry. Other possible topics include Vectors.

IB MATHEMATICS: Analysis and Approaches SL 2

IBM171

Length/Credit: Full Year/1Credit

Grades: 10, 11, 12

Prerequisite: IB Mathematics: Analysis and Approaches SL 1

Diploma Category: 3rd Credit of Math, Algebra 1, or Geometry

Notes: High School level math courses require students to use a scientific calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed. This is the 2nd year of IB Mathematics SL. Students may take the corresponding IB exam in the spring for potential college credit. See your counselor or teacher for more information.

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

This course is designed to provide a comprehensive background of mathematical thought. The course will cover the last three topics of the IB Math SL curriculum in detail: Statistics/Probability, Vectors, and Introductory Differential and Integral Calculus. Students will be required to complete an Internal Assessment paper as part of the IB curriculum.

IB MATHEMATICS: Analysis and Approaches HL 2

IBM166

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Prerequisite: IB Mathematics: Analysis and Approaches SL2

Diploma Category: 3rd Credit of Math, Algebra 1, or Geometry

Notes: High School level math courses require students to use a scientific calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed. This is the 2nd year of IB Math HL. Students may take the corresponding IB exam in the spring for potential college credit. See your counselor or teacher for more information.

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

This course is designed to provide an intensive and comprehensive background of mathematical thought. This course will cover two topics of the IB Math HL curriculum as well as an optional topic of the instructor's choosing: Statistics/Probability and Differential and Integral Calculus. Other topics may include Transcendental Functions and Infinite Series, such as the

Taylor/Maclaurin Series, Discrete Mathematics, Linear Algebra, or Statistics. Students will be required to complete an Internal Assessment paper as part of the IB curriculum.

(MATH & 153) CALCULUS III

Course Code: CHS138

Length / Credit: Semester / 1.0

Grade: 12

Prerequisite: IB Math: Analysis & Approaches HL 2 or AP Calculus AB

Fees: Students who choose to take this course for college credit must pay the college fee. Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

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

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

This is a college level course that builds on the topics covered in IB Math: Analysis & Approaches HL 2 or AP Calculus AB and extends to cover a third quarter of college calculus. Topics include infinite sequences and series, Taylor series, calculus of polar and parametric representations, geometry of 2D and 3D space, and calculus of multivariable functions.

(MATH & 254) Calculus IV

Course Code: CHS139

Length / Credit: Semester / 1.0

Grade: 12

Prerequisite: Calculus III

Fees: Students who choose to take this course for college credit must pay the college fee. Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

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

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

Extends the concepts of calculus to vector-valued functions and functions of several variables. Partial derivatives are included.

SCIENCE

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ASTRONOMY

SCA100

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: Physical Science, Lab Science, 3rd Credit of Science

Other info: Some colleges/universities will not accept this course for admission purposes.

Ever wonder about the nighttime sky? The stars? The planets? The universe? If yes, this is the class for you! In this course, you will learn about the constellations, our solar system, stars, 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 to understand how our universe has changed over time. We will visit the IHS planetarium, do hands-on labs, create our own constellations, launch water-bottle rockets, and look at the heavens through a telescope when weather permits. You will need to bring some basic math skills like algebra, geometry, and the ability to understand scientific notation, but you'll leave with a sense of our place in the universe.

BIOLOGY

SCB100

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: Lab Science or 3rd Credit of Science

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

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

IB BIOLOGY I HL

IBS160

Length/Credit: Full Year/1 Credit

Grades: 11

Prerequisites: Chemistry

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

IB Biology HL, one of the Experimental Sciences (also called Group 4 Programs on the IB hexagon) is the scientific study of living organisms. It is a rigorous, lab-based (25 percent of our time), pre-university course of study. Our textbook is used in many college biology courses. In Year 1, we focus on the underlying similarities among living things (cells, biochemistry, metabolism, molecular biology, plant science, and ecology), including genetic engineering. In addition, this course provides students with the opportunity to explore career options in the biotechnology field & offers technology experiences applicable to the fields of medicine, biomedical research, and clinical testing.

IB BIOLOGY II HL

IBS161

Length/Credit: Full Year/1 Credit

Grades: 12

Prerequisites: IB Biology I

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

The second year of a two-year course. We examine biological diversity (genetics, evolution, human physiology, and our "option": neurobiology and behavior) as well as PCR and gel electrophoresis. Time will also be spent in preparation for the IB Biology examination in May. In addition, this course provides students with the opportunity to explore career options in the biotechnology field & offer technology experiences applicable to the fields of medicine, biomedical research, and clinical testing.

CHEMISTRY

SCC100

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

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

Diploma Category: Lab Credit or 3rd Credit 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 that also integrates climate change. The major content of the course will center on the nature of matter and the changes it undergoes at the atomic level. Students will engage in both science and engineering practices as they learn about the content and relate them to the cross-cutting concepts of science.

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

IB CHEMISTRY SL

IBS125

*Length/Credit: Full Year/1 Credit**Grades: 11, 12**Prerequisite: Chemistry and Algebra II, IB Analysis and Approaches SL/HL or IB Math Applications and Interpretations SL or Concurrent enrollment in Algebra II, IB Analysis and Approaches SL/HL or IB Math Applications and Interpretations SL**Diploma Category: Lab Credit or 3rd Credit of Science**Notes: Students may take the corresponding IB exam in the spring for potential college credit. See your counselor or teacher for more information.*

This one-year intensive chemistry course will cover topics including atomic theory, stoichiometry, periodicity, bonding, energetics and kinetics, equilibrium, acids and bases, oxidation-reduction, and organic chemistry. Be prepared for a rigorous and exciting experience, learning about matter and the interactions of matter that add significant understanding to our universe. As participants in this laboratory-based program, students will assume the role of working scientists and keep an organized lab portfolio.

IB DESIGN TECHNOLOGY SL

IBS310

*Length/Credit: Full Year/1 Credit**Grades: 11, 12**Diploma Category: CTE and 3rd Credit of Science*

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

IB DESIGN TECHNOLOGY HL

IBS320

*Length/Credit: Full Year/1 Credit**Grade: 12**Prerequisite: IB Design Technology SL**Diploma Category: CTE and 3rd Credit of Science**Fees: Optional for students choosing to take the IB exam in the spring. Financial aid available, please see your counselor.**Notes: Students may take the corresponding IB exam in the spring for potential college credit. See your counselor or teacher for more information.*

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.

AP ENVIRONMENTAL SCIENCE

SCE200

*Length/Credit: Full Year/1 Credit**Grades: 9, 10, 11, 12**Fee: Optional for students choosing to take the AP exam in the spring. Financial aid available, please see your counselor.**Diploma Category: Lab Credit or 3rd Credit of Science**Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.*

The class will provide students with the opportunity to explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human made. You will take part in laboratory investigations and field work. Explore a view of planet Earth as one system (with geologic features, atmosphere, and climate) and the importance of biodiversity within those ecosystems. Examine how populations change over time, and the factors that affect population growth. Learn how humans use and consume natural resources (including renewable and nonrenewable sources of energy), and the ways in which we disrupt ecosystems, both positively and negatively. You will come to understand the global impact of local and regional human activities and evaluate and propose solutions.

MARINE BIOLOGY

SCM100

*Length/Credit: 1 Semester**Grades: 10, 11, 12**Diploma Category: Lab Science or 3rd Credit of Science*

Marine Biology is the study of life in marine environments. This one semester course explores the similarities and differences between life in marine and terrestrial (land) environments. In this course, students will classify marine life, from tiny marine protists to familiar marine mammals. Students will compare and contrast living creatures by observing features and adaptations. The course will teach using hands-on activities, scientific readings, lab experiments and creature studies to explore marine life.

OCEANOGRAPHY

SCO100

*Length/Credit: 1 Semester**Grades: 10, 11, 12**Prerequisite: Biology**Diploma Category: Lab Science or 3rd Credit of Science*

Oceanography is the study of the physical and chemical environments of the ocean. You will study water and its properties, the oceans, and their interactions with both the land and the air and the impact we have on the oceans. Through many hands-on activities, readings, and labs you will explore this important part of our world.

PHYSICS

SCP100

*Length/Credit: Full Year/1 Credit**Grades: 9, 10, 11, 12**Prerequisite: Algebra 1**Diploma Category: Lab Credit or 3rd Credit of Science*

This course is aligned to the NGSS (WSSLS) high school performance expectations for physical science. The major content of the course will center on exploring charge, magnetism, energy, force, gravitation, and waves. Students will engage in both science and engineering practices as they learn about the content and relate them to the cross-cutting concepts of science. Physics concepts are frequently built upon real-world, anchoring phenomena or problems with inquiry-based questions. Students explore answers to science-based questions through collaborative learning, simulations and practice activities, lectures, and online resources.

IB PHYSICS I HL

IBS110

*Length/Credit: Full Year/1 Credit**Grades: 11**Prerequisite: Alg 2/Trig and Chemistry. Teacher permission required if you will be concurrently enrolled in Alg 2/Trig and/or if you have not taken chemistry.**Diploma Category: Lab Credit or 3rd Credit of Science*

The first year of an extensive two-year introductory physics course. No prior physics knowledge is necessary, but students should have sound math and science skills. Topics to be covered include the study of motion, forces, gravitation, waves, energy, and special relativity. Be prepared for a rigorous and exciting experience in learning about physical laws that govern the universe.

IB PHYSICS II HL

IBS130

*Length/Credit: Full Year/1 Credit**Grades: 12**Prerequisite: IB Physics I HL**Diploma Category: Lab Science or 3rd Credit of Science**Fees: Optional for students choosing to take the IB exam in the spring. Financial aid available, please see your counselor.**Notes: Students may take the corresponding IB exam in the spring for potential college credit. See your counselor or teacher for more information.*

The second year of a two-year program. Continuing introductory topics such as thermodynamics and kinetic theory, electricity and magnetism, and atomic and nuclear physics. Time will be spent both in preparation for the IB Physics exam in May as well as discussing the required individual experiment (IA).

IB SPORTS, EXERCISE & HEALTH SCIENCE SL*IBS118**Length/Credit: Full Year/1 Credit**Grades: 11, 12**Diploma Category: CTE and 3rd Credit of Science*

This course incorporates the traditional disciplines of anatomy, physiology, biomechanics, psychology, and nutrition, which are studied in the context of sport, exercise, and health. Students will cover a range of core and option topics and carry out practical (experimental) investigations in both laboratory and field settings. This will provide an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyze human performance. Where relevant, the course will address issues of international dimension and ethics by considering sport, exercise, and health relative to the individual and in a global context. This course can satisfy either the Group Four (science) or the Sixth Subject requirement for the IB Diploma.

SOCIAL STUDIES

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CIVICS

SSC445

Length/Credit: Semester / 0.5 Credit

Grades: 12

Diploma Category: Civics

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

Topics include:

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

CONTEMPORARY WORLD PROBLEMS

SSG445

Length/Credit: Semester/0.5 Credit

Grades: 12

Diploma Category: Contemporary World Problems

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

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

IB ECONOMICS SL

IBE205

Length/Credit: Full Year / 1 Credit

Grades: 11, 12

Diploma Category: Flexible Credit

IB Economics is a year-long SL (standard level) course open to all juniors and seniors that is equivalent to an introductory, one semester college course. Students develop an understanding of microeconomic and macroeconomic theories and concepts and their real-world application. They also develop an appreciation of the impact on individuals and societies of economic interactions between nations as well as develop an awareness of development issues facing nations as they undergo the process of change.

ETHNIC STUDIES

SSE200

Length / Credit: One Semester / .5 Credit

Grade: 9, 10, 11, 12

Diploma Category: Elective

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

IB GLOBAL POLITICS SL

IBH325

Length/Credit: Full Year/1 Credit

Grade: 11, 12

Diploma Category: .5 Contemporary World Problems and .5 Social Studies

This course is designed for those students with a passion for Political Science and International Relations. The history of major world events since the Cold War will be explored as well as why and how nations engage in foreign policy decisions. Topics of study will include human rights, international law, world and regional cooperation, peace, and conflict, as well as selected contemporary geopolitical issues. Any student who is particularly interested in global affairs, cares about world problems, and pays attention to international news will love the challenges of this course.

IB HISTORY OF THE AMERICAS 11 HL

IBH300

Length/Credit: Full Year/1 Credit

Grade: 11

Prerequisite: Pre-IB World History

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

Diploma Category: US History 11

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

Students will research, study, and analyze the history of the United States and Latin America from the beginning of the 20th century through the 1980's. Units of study include: United States Emergence in Global Affairs, The Great Depression in the Americas, World War II in the Americas, Civil Rights in the Americas and Political Developments in the Americas after World War II, all of which prepare students for the paper 3 IB exam.

IB HISTORY OF THE AMERICAS 12 HL

IBH400

Length/Credit: Full Year/1 Credit

Grades: 12

Prerequisite: History of the Americas

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

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

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

This is the second year of the two-year Higher Level International Baccalaureate Individual and Societies curriculum. This course will focus on the interpretation of primary documents relating to the cold war (paper 1), selected topics in Modern European History (paper 2), and an independent research project relating to either decolonization or dictatorship in the twentieth century (paper 3).

IB THEORY OF KNOWLEDGE

IBH310

Length/Credit: Full Year/1 Credit

Grades: 12

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

Diploma Category: Flexible

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

This course is required for IB Diploma students and only open to IB Diploma students. Almost all the courses in the IHS

curriculum concern knowledge of one sort or another — knowledge of physics, of languages, of music and art, to name only a few. The IB program requires of its diploma students a reflection on the origin, validity, and value of this knowledge and how one kind of knowledge compares to another. The goals of the Theory of Knowledge course are to help students place their learning in some kind of perspective, to develop a spirit of questioning, and to understand what it means “to know”.

UNITED STATES HISTORY

SSU300

Length/Credit: Full Year/1 Credit

Grade: 11

Diploma Category: US History

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

WOMEN AND GENDER STUDIES

SSG425

Length/Credit: One Semester/.5 Credit

Grade: 9, 10, 11, 12

Diploma Category: Elective

Women and Gender Studies is a social studies elective course where students can explore women’s history, as well as how gender and sex intersect with our political and social world. We will analyze complex social structures, practice public speaking and discussion skills. This course will follow standard history-based learning skills.

AP WORLD HISTORY

SSW205

Length/Credit: Full Year/1 Credit

Grade: 9, 10, 11, 12

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

Diploma Category: World History

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

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

NSD PRE-IB WORLD HISTORY I

SSW260

Length/Credit: Full Year/1 Credit

Grade: 9, 10

Diploma Category: World History

The focus is on skills and knowledge to provide a basis for continuing in any history class. The first semester is focused on the transition from the medieval to the modern world in Asia, Europe, and the Middle East, and development of the Reformation and the Enlightenment in Europe. The second semester is focused on the Industrial Revolution in Europe, Asia and the Middle East as well as revolutions and the introduction of colonialism. The skills focused on are beginning to develop the student's ability to comprehend, analyze and evaluate source material critically as historical evidence; to begin to develop the student's historical understanding through acquisition and effective use of historical evidence; to begin to develop the student's ability to create an argument that is clear, coherent, and relevant as well as well-substantiated. Class activities will include primary document analysis, reading, writing, simulations, and hands-on activities as well as introducing annotation skills for research.

NSD PRE-IB WORLD HISTORY II

SSW265

Length/Credit: Full Year/1 Credit

Grade: 10

Diploma Category: World History

The focus is on skills and knowledge to provide a basis for continuing IB or AP History. The first semester is focused on the origins of early modern states with a focus on the European conquest and colonization of Africa, an in-depth look at South Africa, and India. The second semester is focused on the establishment of nations in East Asia as important players on the

world stage as well as independence movements in Latin America. The skills focused on are continuing to develop the student's ability to comprehend, analyze and evaluate source material critically as historical evidence; to continue to develop the student's historical understanding through acquisition and effective use of historical evidence; to continue to develop the student's ability to create an argument that is clear, coherent, and relevant as well as well-substantiated. Class activities will include primary document analysis, extensive reading, analytical writing, simulations, and hands-on activities.

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.

Teacher permission is required if you plan to enroll in a World Language that is your home or native language.

1ST YEAR LANGUAGE

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11

Fees: May apply. Financial aid available, please see your counselor.

Diploma Category: Elective

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.

FRENCH 100

WLF100

GERMAN 100

WLG100

MANDARIN CHINESE 100

WLC100

SPANISH 100

WLS100

AMERICAN SIGN LANGUAGE 100

WLX100

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: CTE (PNW Credit)

Fees: May apply. Financial aid available, please see your counselor

Other Info: 5 college credits with B or better grade

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. College credit is granted to those who earn the grade of "B or above."

2ND YEAR LANGUAGE

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Prerequisite: Successful completion of the 100-level course of the selected language

Fees: May apply. Financial aid available, please see your counselor

Diploma Category: Elective

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.

FRENCH 200

WLF200

GERMAN 200

WLG200

MANDARIN CHINESE 200

WLC200

SPANISH 200

WLS200

AMERICAN SIGN LANGUAGE 200

WLX200

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: CTE (PNW Credit)

Fees: May apply. Financial aid available, please see your counselor

Other Info: 5 college credits with B or better grade

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

3RD YEAR LANGUAGE

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Prerequisite: Successful completion of the 200-level course of the selected language

Fees: May apply. Financial aid available, please see your counselor

Diploma Category: Elective

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

IB FRENCH 300

IBF300

IB GERMAN 300

IBG300

IB MANDARIN CHINESE 300

IBC301

IB SPANISH 300

IBS300

AMERICAN SIGN LANGUAGE 300

WLX300

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: CTE (PNW Credit)

Fees: May apply. Financial aid available, please see your counselor

Other Info: 5 college credits with B or better grade

ASL 300 continues vocabulary and grammatical structure of the language with storytelling, narratives, and dialogues. While continuing an exposure to Deaf history, culture, and community, students will also explore Deaf folklore, current events and

Deaf-related topics, Deaf-Blind community, mock interpreting simulations, poetry, iconic art, and careers with ASL. College credit is granted to those who earn the grade of “B or above.”

4TH YEAR LANGUAGE

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Prerequisite: Successful completion of the 300-level course of the selected language

Fees: May apply. Financial aid available, please see your counselor

Diploma Category: Elective

In this fourth-year course we will strive towards 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 International Baccalaureate exam, which students are encouraged to take, focuses on 6 global themes and presentational and interpersonal communication. 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.

IB FRENCH 400

IBF400

IB GERMAN 400

IBG400

IB JAPANESE 400

IBJ400

IB MANDARIN CHINESE 400

IBC400

IB SPANISH 400

IBS400

AMERICAN SIGN LANGUAGE 400

WLX425

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Fees: May apply. Financial aid available, please see your counselor

Diploma Category: Flexible

ASL 400 continues vocabulary and grammatical structure of the language with storytelling, narratives, and dialogues. While continuing an exposure to Deaf history, culture, and community, students will also explore Deaf folklore, current events and Deaf-related topics, Deaf-Blind community, mock interpreting simulations, poetry, iconic art, and careers with ASL.

5TH YEAR LANGUAGE

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Prerequisite: Successful completion of the 400-level course of the selected language

Fees: May apply. Financial aid available, please see your counselor

Diploma Category: Elective

Class is conducted in the target language and students are expected to speak only that language in the classroom. Students will study various cultural themes and other authentic literary and cultural materials. The primary goal of the course is to improve all four language skills and cultural understandings.

IB FRENCH 500

IBF501A/B

IB GERMAN 500

IBG501A/B

IB JAPANESE 500

IBJ501A/B

IB MANDARIN CHINESE 500

IBC500A/B

IB SPANISH 500
IBS501A/B

HEALTH – FITNESS

PE BASKETBALL

PBB200

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: PE 9-12

Come play basketball 3 on 3, 5 on 5, and 1v1 tournaments. If you love to play basketball or want to learn; this is the class for you. All physical education classes participate in a department directed cardio activity during block days.

HEALTH

HEA410

Length/Credit: One Semester/.5 Credit

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

Diploma Category: Health

Total well-being—mentally, physically, and socially is what health is about. This course has been developed to help 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 your health through nutrition and exercise, substance abuse prevention, managing your emotions and stress, handling crisis, decreasing your risk for 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; the benefits and consequences each choice has on their health and wellness now and in the future.*

LIFE FITNESS

PLF200

Length / Credit: One Semester / 0.5 Credit

Grades: 9, 10, 11, 12

Recommendation: 9, 10

Diploma Category: Life Fitness

Life Fitness is a course designed to develop a foundation of knowledge and skills that teaches students how to develop and maintain fitness throughout their lives. Students will learn how to take responsibility for their personal fitness and will be provided with the tools they need to assess fitness and create goals, acquire skills to properly exercise and monitor themselves, develop sound nutrition habits, and design and implement a personal program of exercise. An emphasis is placed upon the significance of how an active, healthy lifestyle improves a person's quality of life. Activities include resistant training, flexibility training, and cardiovascular training. The lessons provide students with concepts-based activities that are focused on student learning targets and develop literacy about fitness.

PE OUTDOOR ADVENTURES

POA100

Length / Credit: One Semester / 0.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: PE 9-12

The students enrolled in the Outdoor Adventures Class will progress through an experientially based program that emphasizes interpersonal relationships and individual growth. This course encourages students to develop greater self-confidence and, at the same time, acquire a sense of trust and commitment in their classmates. Outdoor education is designed to expose students to a variety of outdoor skills. Outdoor pursuit activities may include camping, backpacking, survival skills, hiking, fishing, orienteering, snow shoeing, cross-country skiing, canoeing, and kayaking.

RACKET SPORTS

PRS200

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: PE 9-12

This class is an introduction to racket sports with an emphasis on basic skills, rules, and strategies for badminton, pickle ball and tennis. Class will also involve setting up and playing various tournaments. All physical education classes participate in a department directed cardio activity during block days.

STRENGTH & FITNESS

PSF100

Length/Credit: One Semester/.5 Credit

Grades: 10, 11, 12

Recommendation: Life Fitness prior to taking this course

Diploma Category: PE 9-12

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

PTS100

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: PE 9-12

This class will offer students the opportunity to participate and improve their skills in a wide variety of team sports. Such activities may include basketball, flag football, soccer, team handball, ultimate Frisbee, and volleyball. Curriculum will vary depending on the time of year and availability of facilities. All physical education classes participate in a department directed cardio activity during block days.

WALKING FITNESS

PWA200

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: PE 9-12

Low impact exercise program for those individuals who like to walk and talk. Students will be out on daily walks or alternative activity depending on weather. Students will log activity and nutrition. All physical education classes participate in a department directed cardio activity during block days.

ADVANCED STRENGTH & FITNESS

PSF250

Length/Credit: One Semester/.5 Credit

Grades: 11, 12

Prerequisite: Strength & Fitness or Women/Nonconforming Weight Training

Recommended: Teacher permission is needed if Strength & Fitness or Women/Nonconforming Weight Training have not already been taken.

Diploma Category: PE 10-12

This class is designed to continue the work that was being done in Life Fitness Strength & Fitness. The activity emphasis will be focused on a weight-lifting program along with activities for cardiovascular maintenance. Class will work out on a daily basis. All physical education classes participate in a department directed cardio activity during block days.

WOMEN/NONCONFORMING WEIGHT TRAINING

PWT252

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: PE 9-12

Women's Nonconforming Weight Training is focused on students who identify as female and have a desire to improve their overall strength. This course concentrates on the implementation of a variety of exercises and activities to enhance and develop mental and physical strength. This one-semester course progresses the individual through many phases of training for all areas of the body. This includes muscular strength, muscular endurance, cardiorespiratory endurance, and flexibility. There is a heavy emphasis on teaching proper techniques to ensure safety while exercising. Students will develop individualized plans to reach personal goals.

YOGA/PILATES*PYP100**Length/Credit: One Semester/.5 Credit**Grades: 9, 10, 11, 12**Diploma Category: PE 9-12*

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. All physical education classes participate in a department directed cardio activity during block days.

PERFORMING ARTS

CONCERT BAND

MUB110

Length/Credit: Full Year/.1 Credit

Grades: 9, 10, 11, 12

Prerequisite: Instrumental Experience

Fees: Includes ASB card, uniform and potential travel. Financial aid available, please see your counselor

Special Materials: Students who play the flute, clarinet, saxophone, trumpet or trombone need to own instrument and accessories.

Diploma Category: The Arts

Concert 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, Concert Band, Pep Band. The Concert Band performs at all school concerts, Northlake region band festivals, Solo & Ensemble and other festivals that may involve evening and weekend performances.

SYMPHONIC BAND

MUB100

Length/Credit: Full Year/.1 Credit

Grades: 9, 10, 11, 12

Prerequisite: Experience on a wind instrument or by teacher permission,

Fees: Varies by school, includes ASB card, uniform and potential travel. Financial aid available, please see your counselor

Diploma Category: The Arts

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.

CHOIR

MUV150

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Additional Fees Apply. Financial aid available, please see your counselor

Diploma Category: The Arts

Preparation and performance of choral literature from the Medieval period to the 21st century that includes music from countries around the world, with a broad representation of ethnicity, sacred, and secular literature sung in the language of the selection. There are frequent performances during both the school day and evenings. Contests, festivals, and tours will vary from school to school. Grading emphasis on consistent effort in rehearsal - attention, behavior, attitude. Vocal and theory tests, attendance at sectionals and concerts is required.

ADVANCED CHOIR

MUV360

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Prerequisite: Students who demonstrate the most advanced singing/music skills during auditions in April will be selected.

Students who miss the audition must obtain written permission from the instructor to add this class.

Additional Fees Apply. ASB card required. Financial aid available, please see your counselor

Diploma Category: The Arts, Elective

This class is primarily for students who have developed the most advanced singing technique and musicianship skills. Personal responsibility, dedication to the ensemble, and pursuit of excellence are emphasized. Singers are required to perform in all school concerts and festivals, and to attend clinics, and trips. Grades are based upon rehearsal technique, progress of music skills, attendance, and participation.

WOMEN'S CHOIR

MUV355

*Length/Credit: Full Year/1 Credit**Grades: 10, 11, 12**Prerequisite: Women who demonstrate advanced singing/music skills during auditions in the spring will be selected. Students who miss the audition must obtain written permission from the instructor to add this class.**Additional Fees Apply: ASB card required. Financial aid available, please see your counselor**Diploma Category: The Arts, Elective*

This class is for students who want to improve their vocal skill and challenge themselves musically. Women in this choir will sing repertoire from Madrigals to Jazz. Personal responsibility, dedication to the ensemble, and the pursuit of excellence are emphasized. Singers are required to perform in all school concerts, festivals and clinics. Class time is spent working on vocal technique, music reading, and ensemble skills. The members become a close-knit group that performs at concerts and festivals. Grades are based upon rehearsal technique, progress of music skills, attendance, and participation.

DIGITAL MUSIC PRODUCTION

MUS120

*Length/Credit: One Semester/.5 Credit**Grades: 9, 10, 11, 12**Diploma Category: The Arts, CTE*

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

JAZZ CHOIR

MUV300

*Length/Credit: Full Year /1 Credit**Grades: 9, 10, 11, 12**Prerequisite: By audition only. Must be concurrently enrolled in another choral ensemble class.**Additional Fees Apply: ASB card, uniform and potential travel. Financial aid available, please see your counselor.**Diploma Category: The Arts*

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.

JAZZ ENSEMBLE

MUJ100

*Length/Credit: Full Year /1 Credit**Grades: 9, 10, 11, 12**Prerequisite: By audition only. Must be concurrently enrolled in the school's band, orchestra or choral large ensemble class.**Additional Fees Apply: includes ASB card, uniform and potential travel. Financial aid available, please see your counselor**Diploma Category: The Arts*

Jazz Ensemble is a school experience for students concurrently enrolled in the schools 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.

WIND ENSEMBLE

MUB300

*Length/Credit: Full Year/1 Credit**Grades: 10, 11, 12**Prerequisite: By audition only**Additional Fees Apply. Financial aid available, please see your counselor**Diploma Category: The Arts*

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.

GUITAR

MUG110

*Length/Credit: One Semester/.5 Credit**Grades: 9, 10, 11, 12**Additional Fees Apply. Financial aid available, please see your counselor**Diploma Category: The Arts*

This course is for all students, including those with no prior formal music training and may include such guitar styles as blues/rock, folk or classical. Beginning students receive group instruction on basic guitar skills. As students advance in guitar skills, they are assigned more advanced books or independent study. Students must provide their own guitar and method book.

ORCHESTRA

MUO100

*Length/Credit: Full Year/1 Credit**Grades: 9, 10, 11, 12**Prerequisite: Experience on an orchestra string instrument or by teacher permission**Fees: Varies by school, includes ASB card, uniform and potential travel. Financial aid available, please see your counselor**Diploma Category: The Arts*

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

MUO150

*Length/Credit: Full Year/1 Credit**Grades: 10, 11, 12**Fees: Varies by school, includes ASB card, uniform and potential travel. Financial aid available, please see your counselor**Prerequisite: By audition only (audition in spring)**Diploma Category: The Arts*

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

CONCERT ORCHESTRA

MUO125

*Length/Credit: Full Year/1 Credit**Grades: 9, 10, 11, 12**Prerequisite: Experience on an orchestra string instrument or by teacher permission**Fees: Varies by school, includes ASB card, uniform and potential travel. Financial aid available, please see your counselor**Diploma Category: The Arts*

This course is the first basic level of orchestra at the high school level. 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, regional orchestra festivals, solo and ensemble festival, and other events that may involve evening and weekend performances.

PIANO LAB

MUP200

*Length/Credit: One Semester/.5 Credit**Grades: 9, 10, 11, 12**Additional Fees Apply. Financial aid available, please see your counselor**Diploma Category: The Arts*

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

PLAY PERFORMANCE

DRA350

*Length/Credit: 1st Semester/.5 Credit**Grades: 9, 10, 11, 12**Prerequisite: Audition required**Additional Fees Apply. Financial aid available, please see your counselor**Diploma Category: The Arts*

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

MUSICAL PERFORMANCE

DRA360

*Length/Credit: 2nd Semester/.5 Credit**Grades: 9, 10, 11, 12**Prerequisite: Audition required**Additional Fees Apply. Financial aid available, please see your counselor**Diploma Category: The Arts, CTE*

In Musical Performance students will learn the combination of skills that this art form requires: singing, dancing, and drama. 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

DRA300

*Length/Credit: One Semester/.5 Credit**Grades: 9, 10, 11, 12**Additional Fees Apply. Financial aid available, please see your counselor**Diploma Category: The Arts, CTE*

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.

ADVANCED TECHNICAL THEATRE

DRA305

*Length / Credit: Semester / 0.5**Grade: 9, 10, 11, 12**Prerequisite: Tech Theatre**Requirements: Application, Teacher recommendation, and interview are required**Additional Fees Apply. Financial aid available, please see your counselor**Diploma Category: The Arts, CTE*

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

THEATRE ARTS I*DRA115**Length/Credit: One Semester/.5 Credit**Grades: 9, 10, 11, 12**Additional Fees Apply. Financial aid available, please see your counselor**Diploma Category: The Arts*

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

THEATRE ARTS II*DRA215**Length/Credit: One Semester/.5 Credit**Grades: 9, 10, 11, 12**Prerequisite: Theatre Arts I**Additional Fees Apply. Financial aid available, please see your counselor**Diploma Category: The Arts*

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

VISUAL ARTS

ADVANCED ART

AAA150A/B

Length/Credit: One year/ 1 Credit

Grades: 11, 12

Additional Fees Apply. Financial aid available, please see your counselor

Diploma Category: The Arts

This yearlong course is designed for students who want to develop an art portfolio. In a supportive environment, students will engage with peers and teacher to investigate and develop personal style and expression.

CARTOONING

ACA100

Length/Credit: One Semester/.5 Credit; may be taken both semesters for a full year to receive advanced credit.

Grades: 9, 10, 11, 12

Additional Fees Apply. Financial aid available, please see your counselor

Diploma Category: The Arts

This class provides the opportunity for students to use their drawing, imagination and computer skills to create cartoons and animations. 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. Students will also learn perspective and composition, how to draw original panel cartoons and cartoon strips.

CERAMICS

ACE100

Length/Credit: One Semester/.5 Credit; may be taken both semesters for a full year to receive advanced credit.

Grades: 9, 10, 11, 12

Additional Fees Apply. Financial aid available, please see your counselor

Diploma Category: The Arts

This course is designed to introduce students to the many aspects of clay. Students will learn many aspects of design and construction including the hand building processes and work on the potter's wheel. After creating projects, students will explore glazing and firing processes.

DRAWING / DESIGN

ADD100

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Additional Fees Apply. Financial aid available, please see your counselor

Diploma Category: The Arts

No experience necessary. This course teaches foundational drawing skills including how to draw people, objects, places and how to work with perspective, pattern, texture and color. Students explore a variety of media including pencil, watercolor, pen and ink, charcoal, colored pencil and oil pastel while also learning the elements of art and principles of design. Drawing skills are not required; even students with substantial art experience enjoy and benefit from this class.

GRAPHIC DESIGN

AGD115

Length/Credit: One Semester/.5 Credit; may be taken both semesters for a full year to receive advanced credit.

Grades: 9, 10, 11, 12

Prerequisite: Drawing/Design, 9th grade Art, or teacher permission

Additional Fees Apply. Financial aid available, please see your counselor

Diploma Category: The Arts

Graphic designers are visual communicators. From sketches on paper to pixels on screen, learn to create visual communications that inform media-savvy consumers. Students will explore the principles of great design, composition, and typography, creating logos, advertisements, layouts, and more. This class offers artists opportunities to work both by-hand and digitally using Adobe Illustrator.

IB FILM SL *Although this class will not be offered for the 25-26 school year, it may be offered for the 26-27 school year*

IBF200

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Requirement: Completion of IB application

Diploma Category: The Arts, CTE, (PNW Credit)

Other Info: Up to 5 college credits available

IB Film is an in-depth study of the nature of film as a powerful medium of communication and entertainment, and as an art form in its own right. The course is divided into three compulsory sections—textual analysis, film theory and history, and creative process—these are inextricably interwoven throughout the processes of teaching this course. Through a textual analysis of films and a study of film history students will enhance the development of their creative, analytic and production skills. Students will be required to create short films and portfolios detailing the work they put into the final project. They will study a film through selecting a 5-minute passage and critically analyzing it in an essay. IB Film is a serious, academic approach to the study of film history and film production. This course can satisfy the 6th Subject requirement for the IB Diploma.

METAL DESIGN

AMD100

Length/Credit: One Semester/.5 Credit; may be taken both semesters for a full year to receive advanced credit.

Grades: 9, 10, 11, 12

Additional Fees Apply. Financial aid available, please see your counselor

Diploma Category: The Arts

Students will have the opportunity to apply art design techniques in order to make metal artworks. Students learn metalsmithing skills used in the creation of jewelry and small-scale sculptures using brass, copper, and nickel silver.

PHOTOGRAPHY

APH100

Length/Credit: One Semester/.5 Credit; may be taken both semesters for a full year to receive advanced credit.

Grades: 9, 10, 11, 12

Prerequisite: Drawing/Design

Additional Fees Apply. Financial aid available, please see your counselor

Diploma Category: The Arts

Other: Each student will need to provide his/her own manually adjustable digital camera

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

STAINED GLASS

ASG100

Length/Credit: One Semester/.5 Credit; may be taken both semesters for a full year to receive advanced credit.

Grades: 9, 10, 11, 12

Additional Fees Apply. Financial aid available, please see your counselor

Diploma Category: The Arts

Create unique and beautiful art using glass! In this class, students will learn both ancient techniques and modern skills in designing and constructing stained glass windows and artworks. From the basics of cutting and shaping glass to exploring colors, textures, and patterns, students will develop hands-on expertise and bring their creative visions to life. Whether you're interested in traditional stained glass or contemporary glass art, this course offers the chance to explore this fascinating medium and make stunning pieces of your own.

ADVANCED TELEVISION PRODUCTION/GMI

TET230

Length/Credit: One Semester/.5 Credit

Grades: 10, 11, 12

Requirement: Teacher Permission (A- or better in prior video class)

Diploma Category: The Arts, CTE, (PNW Credit if taken full year)

This class is for the student who excelled in prior Video Productions classes at IHS. All work will be focused on furthering skills in editing, filming, and producing. Features for the broadcast and Senior Breakfast video are important parts of the class. Most of this class is devoted to producing “Good Morning Inglesmoor.” Students will adopt specialty areas such as news anchor,

sportscaster reporter, and producer. Can be Fine Art or Occupational Education credit.

VIDEO PRODUCTION

TEV131

Length/Credit: 1st Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts, CTE, (PNW Credit when taken with Advanced Video Production)

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

ADVANCED VIDEO PRODUCTION

TEV230

Length/Credit: 2nd Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts, CTE, (PNW Credit when taken with Video Production)

This class will provide a variety of video experiences for students who have done well in an introductory course or have extensive experience in video making. Further instruction in audio-mixing, special effects, technical skills, and film analysis will be covered. Assignments such as stop-action animations, documentaries & short films will be completed. Can be Fine Art or Occupational Education credit.

IB VISUAL ARTS SL and HL

IBV100 (SL)

IBV300 (HL)

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Recommendation: Drawing/Design

Additional Fees Apply. Financial aid available, please see your counselor

Diploma Category: The Arts

This course offers students the opportunity to earn SL credit in one year (junior or senior year) or HL credit over two years (both junior and senior years). In IB Visual Arts, students focus on building a professional-style portfolio of their own artwork, exploring techniques and concepts as they develop a cohesive body of work. They will engage in creative processes from idea development to experimentation, supported by a visual journal where they record thoughts, inspirations and reflections. The course also includes a study of professional artists, giving students insights into art history and contemporary practices, and encouraging a deeper understanding of art's role in society.

VISUAL COMMUNICATIONS DESIGN

AVC100

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Requirement: Teacher permission

Diploma Category: The Arts

Visual Communications Design applies fundamental processes of artistic expression through the exploration of the purposeful arrangement of images, symbols, and text to communicate a message. This course uses technology in the creation of graphic and digital designs. This course also provides instruction in the process of responding to student's own art and that of others including master designers through analysis, critique, and interpretation for the purpose of reflecting on and refining work. Students will learn to communicate ideas using photographs, graphics, and text. They will learn design production. Students will also learn to work with a team.

CAREER & TECHNICAL EDUCATION

ASB/LEADERSHIP

YYN206

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: CTE

This yearlong course is designed to instruct students in the various methods and techniques involved in planning, implementing, and evaluating projects. Leadership skills such as parliamentary procedure, timelines, budgeting, analysis of leadership style, and agenda planning will be stressed. Students will be given the opportunity to generate, develop and implement projects. Community service will be an integral part of this class. The course will be both project and instruction based. There may be times students have to stay after school for events or come in for events at night. Options to fulfill participation requirements are flexible and work around participation in other IHS activities and athletics. For students who hold elected positions, time will be dependent on ASB and class specific activities.

IB BUSINESS & MANAGEMENT SL

IBB200

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: CTE (PNW Credit)

Topics covered include business organization and environment, human resource management, finance and accounts, marketing, and operations management. The student will develop a solid foundation of business theory and how business strategy is created across key organizational departments in a variety of US and International business environments. The student will demonstrate mastery of business and management concepts through projects, solving real world case studies, and developing a research commentary that will provide future oriented solutions that “real” business decision makers can use. (Course may be repeated for credit.) This class is associated with DECA which provides opportunities for travel, leadership, fun and scholarships. This course can satisfy the 6th Subject requirement for the IB Diploma.

CAREERS IN EDUCATION

VT345

Length /Credit: Full Year / 2 Consecutive Periods / 2 credits

Grades: 11, 12)

Diploma Category: Career & Technical Education

Notes: Up to 5 Pacific NW College credits available when grade of B or better is earned at Bellevue

College (EDUC& 205), Edmonds Community College (EDUC 102) or Lake Washington Institute of Technology (EDUC& 115)

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

COMPUTER SCIENCE WITH C#.NET

VCP515

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Prerequisite: 9th grade Algebra 1/ 10th grade Geometry or Teacher Permission

Diploma Category: CTE, Algebra 2, 3rd Credit of Math, 3rd Credit of Science (PNW Credit)

Other Info: Up to 10 college credits available

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, and object-oriented design. Students end the year with a multi-week project where they design, create, test, and document a major program of their own. Students can earn college credit via Tech Prep.

IB COMPUTER SCIENCE WITH JAVA SL

IBC300

*Length/Credit: Full Year/1 Credit**Grades: 11, 12**Diploma Category: CTE, Algebra 2, 3rd Credit of Math, 3rd Credit of Science (PNW Credit)**Other info: Up to 5 college credits available*

This course meets the requirements of the IB Computer Science SL curriculum, but you do not have to be an IB student to take this course. Programming topics cover fundamental Java language constructs, including objects, classes, methods, parameter passing, primitive and reference types, and use of the Java class libraries. In addition, students will study the systems life cycle, software development and computer systems fundamentals. This course can satisfy the 6th Subject requirement for the IB Diploma.

IB COMPUTER SCIENCE HL

IBC310

*Length/Credit: Full Year/1 Credit**Grades: 12**Diploma Category: CTE, 3rd Credit of Math, 3rd Credit of Science (PNW Credit)**Other info: Up to 5 college credits available*

Continuation of the IB Computer Science with advanced topics: Recursion, ADT's, LinkList, Stack, Queue, Binary Tree, and Hash Tables.

IB DESIGN TECHNOLOGY SL

IBS310

*Length/Credit: Full Year/1 Credit**Grades: 11, 12**Prerequisite: Application and acceptance**Diploma Category: CTE, 3rd Credit of Science*

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

IB DESIGN TECHNOLOGY HL

IBS320

*Length/Credit: Full Year/1 Credit**Grade: 12**Prerequisite: Completion or concurrent enrollment of IB Design Technology SL**Diploma Category: CTE, 3rd Credit of Science**Other Info: Teacher permission required. The opportunity for receiving university credit (UW Engineering 100 – 5 credits) may be obtained through the end of course IB assessment. See instructor for further details.*

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.

FINANCE

BF1315

*Length/Credit: Full Year/1 Credit**Grades: 9, 10, 11, 12**Prerequisite: If the course is being taken to meet 3rd year math option, student must have previously earned one credit in Algebra 1 or Algebra 1 equivalent course and have earned one credit in Geometry or are concurrently enrolled in Geometry and the 3rd year math option course.**Diploma Category: CTE, 3rd Credit of Math,*

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

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

FOOD AND NUTRITION*HFF161**Length/Credit: One Semester/.5 Credit**Grades: 9, 10, 11, 12**Diploma Category: CTE (PNW Credit)*

This class is designed to stimulate interest in planning, preparation, and appreciation of healthy foods. This class provides a look into nutritional needs, safety, sanitation practices, and use and care of kitchen equipment providing a framework for the kitchen experiences in basic food preparation. Students will study basic nutritional guidelines, which will then be applied to menu planning and cooking skills. Learn to make everything from pies to Pad Thai! Emphasis will be given in developing positive attitudes for appreciation of nutritional, good tasting foods.

INDEPENDENT LIVING*HFL100**Length/Credit: One Semester/.5 Credit**Grades: 9, 10, 11, 12**Diploma Category: CTE*

In this activity-oriented comprehensive class you will learn skills needed to be independent such as wise money management, which includes learning to invest and positive use of credit, basic meal planning and preparation, and buying consumer goods. You will look at selecting housing and roommates, tenant and/or landlord responsibilities as well as protecting yourself from consumer “rip-offs”. Other topics covered include how to buy and insure a car, and how to fill out tax forms.

INTERIOR DESIGN*HFI120**Length/Credit: One Semester/.5 Credit**Grades: 9, 10, 11, 12**Diploma Category: CTE (PNW Credit)**Other Info: Up to 5 college credits available*

If you have a keen interest in art and design, then Interior Design is the course for you! Make the most of all your talents in this project based laboratory course. Challenge yourself every day as you apply the elements and principles of design related to tasks and projects. The course of study will include exploring the appropriate use of: color concepts, floor plans, furniture arrangement and selection, lighting choices, textiles, green materials, as well as kitchen and bathroom design. If you would like to stimulate your personal growth in design and make a positive difference in people’s lives, then Interior Design may be just what you’re looking for!

INTRODUCTION TO ENGINEERING DESIGN*TEC105**Length/Credit: One semester/.5 credit**Grades: 9, 10**Diploma Category: CTE*

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

INTRODUCTION TO INTERPRETING & TRANSLATION*WLT200**Length/Credit: Full Year/1 credit**Grades: 9, 10, 11, 12**Diploma Category: CTE**Prerequisite: Bilingual and Bi literate in English and another language*

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

INTRO TO MARKETING*BMD110**Length/Credit: Full Year/1 Credit**Grades: 9, 10, 11, 12**Diploma Category: CTE (PNW Credit)**Other Info: Up to 10 college credits available.*

Marketing teaches business and life skills that apply to all careers and are performance-based skills that everyone needs to demonstrate to become successful in life and in business. This class is perfect for the student who is interested in the way businesses operate and make decisions. Students learn the multifaceted and integrated nature of problem solving in the business world. They also learn how to market themselves, build confidence, and introduce new products and services in highly competitive and sometimes-international business environments.

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

INTRODUCTION TO ROBOTICS*TER200**Length/Credit: One semester/.5 credit**Grades: 9, 10, 11, 12**Diploma Category: CTE*

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

LIBRARY RESEARCH ASSISTANT*Length/Credit: One Semester/.5 Credit**Grade: 9, 10, 11, 12**Prerequisite: This course is not listed on the Student Course Option Worksheet. Students interested in this course must speak to Mrs. McCausland.**Diploma Category: CTE*

Goals: Research Assistants will learn library management procedures and will develop sophisticated personal research skills. Research Assistants will acquire valuable work experience for future job opportunities as they assist library personnel, students and school staff in many areas of library and technology use. Skills: Research Assistants will master library circulation, organization and maintenance procedures, accurately checking items in and out, processing materials, shelving books, and maintaining equipment. Research Assistants 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. Job skill instruction, activities exploring careers in the information industry, written assignments and assessments will be included. Letter grade and occupational education credit earned.

LIFESPAN PSYCHOLOGY*HFP240**Length/Credit: One Semester/.5 Credit**Grades: 9, 10, 11, 12**Diploma Category: CTE*

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. Tech Prep college credit is pending.

MARKETING – ADVANCED/DECA*BMD150**Length/Credit: Full Year/1 Credit*

Grades: 10, 11, 12

Prerequisite: Completion of Intro to Marketing

Diploma Category: CTE (PNW Credit)

Other Info: Up to 10 college credits available.

Advanced Marketing is a course designed for students that have completed Introduction to Marketing. The course builds on what was previously taught and will continue to coach business and life skills that apply to all careers and are performance based. There will be a heavy focus on preparation for DECA competitions with a STEM educational approach through opportunities to create advertising campaigns, business startup plans, and through product and business innovation.

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MICROSOFT OFFICE CERTIFICATION

BMO100

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: CTE (PNW Credit)

Other Info: Up to 5 college credits available

Having learned the basic skills in the Microsoft Office Applications, you are now ready to increase your skills to the next level. In this course, you will focus on the advanced skills in Microsoft Word and in Microsoft Excel. These skills are highly prized by various industries and makes you stand out on your resume. Students completing this course successfully can earn Microsoft MASTER Certifications that verify the highest level of accomplishment, making you competitive in today’s job market.

PEER COACHING (ADVOCATE FOR SPECIAL EDUCATION PROGRAM)

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Prerequisite: Teacher permission

Diploma Category: CTE

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

IB PSYCHOLOGY SL

IBP100 & IBP155

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: CTE

Psychology is the systematic study of human behavior and experience. The overall aim of this course is to give students a deeper understanding of the nature and scope of psychology. Studies of the biological, sociocultural, and cognitive perspectives will provide an appreciation of the diverse approaches that have shaped the nature of knowledge and the ways of investigating behavior with the discipline of psychology. In addition to the core perspectives, students will examine specific issues within health and dysfunctional psychology which will provide an opportunity to study according to their own personal interests.

RETAIL OPERATIONS/ STUDENT STORE

BRO105

Length/Credit: Full Year/1 Credit

Grades: 12

Prerequisite: 1 Year of Marketing, Application and Teacher Permission

Diploma Category: CTE

Other Info: Up to 10 college credits available.

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

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SPORTS AND ENTERTAINMENT MARKETING

BSP100

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Diploma Category: CTE

Sports and Entertainment Marketing is a unique and innovative course designed for students with an interest in the industry. This course offers students the opportunity to apply their knowledge and marketing principles and concepts to a multi-billion-dollar industry. Students will be given insight and hands-on experience developing promotions in sports or entertainment events. Classroom instruction will be reinforced through guest speakers, simulations, and field trips.

IB SPORTS, EXERCISE & HEALTH SCIENCE SL

IBS118

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: CTE and 3rd Credit of Science

This course incorporates the traditional disciplines of anatomy, physiology, biomechanics, psychology, and nutrition, which are studied in the context of sport, exercise, and health. Students will cover a range of core and option topics and carry out practical (experimental) investigations in both laboratory and field settings. This will provide an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyze human performance. Where relevant, the course will address issues of international dimension and ethics by considering sport, exercise, and health relative to the individual and in a global context. This course can satisfy either the Group Four (science) or the Sixth Subject requirement for the IB Diploma.

SPORTS MEDICINE / ATHLETIC TRAINING

VMA210

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Prerequisite: Application and acceptance

Diploma Category: CTE

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 six domains of responsibility/education, and the Career and Technical Education Therapeutic and Sports Medicine competencies strands.

WEB DESIGN

BWE110

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Additional Fees Apply. Financial aid available, please see your counselor.

Diploma Category: CTE (PNW Credit)

Other Info: Up to 5 college credits available when grade of B or better is earned at Bellevue College (DMA107), Cascadia CC (BIT112) or Lake Washington Institute of Technology (CSD112)

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

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

ADDITIONAL COURSE OFFERINGS

COLLEGE READINESS THROUGH AVID 10

AVD110

*Length / Credit: Full Year/1 Credit**Grade: 10**Prerequisite: Taken AVID freshman year**Diploma Category: Flexible credits*

The College Readiness Through AVID 10 course is designed to prepare students for the challenges they will face in rigorous course of study at the high school level and beyond. The course will focus on the following skills: Time Management, Organization, Cornell Note taking, and Leadership. All our activities will be rooted in the WICOR strategies (Writing, Inquiry, Collaboration, Organization, and Reading) as these skills are the backbone of all AVID classrooms. Furthermore, students will receive tutorial time to gain a greater understanding of difficult subject matter from their classes.

COLLEGE READINESS THROUGH AVID 11*Course Code: AVD300**Length / Credit: Full Year/1 Credit**Grade: 11**Prerequisite: AVD110**Diploma Category: Flexible credit*

The College Readiness Through AVID 11 course is designed to prepare students for the challenges they will face in a rigorous course of study at the high school level and beyond. The course will focus on the following skills: Time Management, Organization, Cornell Note taking, and Leadership. All our activities will be rooted in the WICOR strategies (Writing, Inquiry, Collaboration, Organization, and Reading) as these skills are the backbone of all AVID classrooms. Furthermore, students will receive tutorial time to gain a greater understanding of difficult subject matter from their classes.

COLLEGE READINESS THROUGH AVID 12*Course Code: AVD400**Length / Credit: Full Year/1 Credit**Grade: 12**Prerequisite: AVD300**Diploma Category: Flexible credit*

The College Readiness Through AVID 12 course is designed to prepare students for the challenges they will face in rigorous course of study at the high school level and beyond. The course will focus on the following skills: Time Management, Organization, Cornell Note taking, and Leadership. All our activities will be rooted in the WICOR strategies (Writing, Inquiry, Collaboration, Organization, and Reading) as these skills are the backbone of all AVID classrooms. Furthermore, students will receive tutorial time to gain a greater understanding of difficult subject matter from their classes.

LEADERSHIP CLASS

YYN210

*Length/Credit: One Semester / .5 Credit**Grades: 9, 10, 11, 12**Diploma Category: Flexible*

The class is primarily experientially based and emphasizes the importance of communication, character, personal growth, and building strong relationships. Also covered will be listening skills, synergy, perceptions, conflict styles, personality, and group formation. A variety of initiatives will be used to facilitate the learning of skills and, along with various media, reinforce those skills throughout the semester.

LIBRARY, OFFICE, AND TEACHER ASSISTANTS*Length/Credit: One Semester/.5 Credit**Grades: 9, 10, 11, 12**Prerequisite: Staff permission**Diploma Category: Elective*

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.

NEWSPAPER MAGAZINE STAFF

ENG560

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Requirements: Application, Teacher recommendation, and interview are required.

Diploma Category: Elective

This course will cover all aspects of journalism, including (but not limited to) reporting, editing, page design & 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 & appropriate topics. Students will be responsible for publishing and distributing the school newspaper.

PEER TUTORING

Length/Credit: One Semester/.5 Credit

Grades: 9, 10, 11, 12

Prerequisite: Teacher permission

Diploma Category: Elective

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

WANIC – SATELLITE COURSE OPTIONS

Career & Technical Education Courses

Earn High School Credit ~ College Credit Available ~ No Tuition

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

IT IS EASY TO ENROLL:

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

2026 – 2027: THREE CREDIT COURSES LOCATED AT LAKE WASHINGTON INSTITUTE OF TECH, LOCAL HIGH SCHOOLS, AND COLLEGES

- Advanced Sports Medicine & Athletic Training
- Auto Technology
- Aviation Technology
- Baking & Pastry
- Building Industry Technology – CorePLUS Construction
- Cisco Networking
- Culinary Arts
- Dental Careers
- DigiPen Art & Animation
- DigiPen Analysis and Visualization
- DigiPen Game Design
- DigiPen Music & Sound Design
- DigiPen Video Game Programming
- Emergency Certification Academy
- Fire & EMS
- Health Science Careers (Nursing)
- Intermediate Data Programming
- Introduction to American Sign Language Interpreting
- Maritime Welding – CorePLUS
- Medical Careers
- Sports Medicine

TRANSPORTATION: Please be aware when choosing a WANIC course that all classes offered outside of the district require students to have their own transportation. For classes offered at NSD schools, it is yet to be determined if transportation will be offered by the district.

WASHINGTON NETWORK FOR INNOVATIVE CAREERS

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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

