



Ingraham High School Course Catalog

2026-27 School Year

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This document is a complete course catalog for Ingraham High School for the 26-27 school year. It includes guidelines for course registration as well as courses and descriptions listed by department. The table on page 20 of the course catalog is not optimized for accessibility due to the complexity of the information titled "Ingraham High School Elective Course Glance Sheet." This page contains a list of the elective courses offered at Ingraham high school. The left column lists yearlong electives by department with specific information on which grade levels are allowed to take that course. The right column details semester long electives by department with specific information on which grade levels are allowed to take that course.



Ingraham High School Course Catalog 2026-27

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Additional questions?

Any questions you didn't get answered? Visit our website: <https://ingrahamhs.seattleschools.org/> You can also contact any of the counselors or administrators above.

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Catalog Introduction

Thank you for taking the time to explore the courses, programs, and services offered at Ingraham International High School. We hope to hear from you soon regarding any unanswered questions you may have. We hope we can help make your high school experience as easy and enjoyable as possible.

Introduction to High School Course Registration

The SPS Introduction to Course Registration introduces the registration process, overview of graduation requirements, recommended course sequence, and class descriptions. It is designed to assist you in making informed, educational decisions in preparation for your future and to complement Ingraham's Course Catalog.

- [Introduction to High School Course Registration – English](#)
- [Introduction to High School Course Registration – Amharic](#)
- [Introduction to High School Course Registration – Chinese](#)
- [Introduction to High School Course Registration – Somali](#)
- [Introduction to High School Course Registration – Spanish](#)
- [Introduction to High School Course Registration – Vietnamese](#)

Registration Policies and Procedures

Course Offerings

Please note that a course listed in this catalog does not guarantee it will be offered next year; final course offerings depend on teacher availability, sufficient student interest and enrollment, and budgetary and resource constraints. Student course selections directly drive how we build the school schedule each year, so students should choose thoughtfully and accurately during course request periods; if a course is cancelled, the school will work with affected students to find appropriate alternatives.

Changing a Student's Schedules

Courses are established and staff are assigned based on students' class requests made during spring registration. Schedule changes may be approved for the following reasons:

- Adjustments due to classes passed over summer
- Corrections needed to meet graduation requirements
- Adjusting for Running Start schedules
- Level changes which require approval by teacher, counselor, and parent/guardian
- TA periods which require approval by teacher, counselor, and parent/guardian.

Dropping a course

- No student may drop a course if the result is a hole in student's schedule. We encourage all students to have a full schedule.
- Parent/guardian signature is required for dropping a core class, switching out of honors/IB, or adding a Teacher Assistant or Office Assistant (TA/OA).
- Dropping a course after the 10th day of a term will result in a "W" (withdrawal) on the transcript, which does not negatively affect GPA. Dropping a course after the 5th week results in an "E" (no credit) and does negatively impact GPA.

Teaching/Office Assistant's

Students may be teaching or office assistants if they have additional space in their schedule. Students intending to register as an assistant would need to first check with their counselor to make sure the student is proceeding successfully toward graduation.

- A "Teaching Assistant" earns 0.25 credits for one (1) semester of satisfactory performance in the classroom. An "Office Assistant" earns .5 credits for one (1) semester of satisfactory performance.
- A maximum of 2.0 credits of TA/OA may count toward the general elective's requirements of graduation.
- Due to the 24-credit graduation requirement, any student graduating 2021 and beyond will be credit deficient if they take a TA class. They will then be responsible to make up credit outside of school.

Pass/No Pass Grades

In addition to the procedures outlined in Board Policy C15.00 and Board Procedure D15.00, the following are required:

- The District Pass/No Pass request form is to be signed no later than the fifth week of the semester by the teacher, parent, student, and counselor to document that the counselor has advised the student of the potential impact(s) that a pass/no pass may have on college admissions. NCAA and some colleges interpret the "P" grade as the lowest possible passing mark or "D".
- Exceptions may be allowed based on IEP, 504 Plan, or extenuating circumstances approved by the principal.
- A student may not opt for a letter grade once the Pass/No Pass form has been submitted.
- Only one Pass/No Pass grade may be requested per semester and must be requested by the fifth (5th) week of the semester.

Grade Modifications

A grade can only be changed by the teacher of record for that specific course and grade; or by the principal if the cause was a math error or bias; a grade change must be documented with a completed and fully signed District "Course/Grade/Credit Change" form.

- The teacher, counselor, registrar, and administrator must sign the form prior to data entry.
- This must be completed within five- weeks after that grading period has ended.
- The form will be placed in the students' accumulative file.
- Principal has the discretion to make exceptions for extenuating circumstances beyond the five-week deadline.

Grade and Credit Replacements

If a student chooses grade replacement for a repeated course, the highest grade received will be counted toward the student's GPA and credits. The original grade will continue to appear on the student's transcript and academic history, but the student will not receive credit for the replaced course.

- The replacement mark must be an improvement over the original mark, and the credit earned in the replacement course must be equal to or greater than the credit previously earned in the course.
- Replacement courses may only replace the previously taken course, never courses taken later or at another academic institution outside of the Seattle School District.

If a student retakes a course and does NOT choose to have the course replace a former identical course, the additional identical course grade and credit will be counted under the "general elective" requirement.

Incomplete Grades

A grade marked, as "Incomplete" must be changed to a letter grade within six school weeks of the following term. If no letter grade is provided, the grade will automatically become an "E". The Principal has the discretion to make exceptions for extenuating circumstances. This exception will be kept in the student's file.

Physical Education Waivers

Waivers can be approved for military service, medical, religious, participation in direct athletics, for economic reasons (e.g., student is working to support self or family), or for another good cause. A physical education competency assessment still needs to be completed prior to graduation.

- No credit is earned when a PE waiver is approved.
- All PE waivers will be placed in the student's cumulative file.
- A PE Waiver form can be found in the Counseling Office and on the Ingraham Website.
- PE waivers submitted for sports participation must be submitted at the end of the season during the academic year that the student participated in that sport.

Alternative Credit Courses

Equivalency credit for alternative learning experiences, non-high school courses, electronically mediated courses, internship. All alternative credit-learning experiences must be pre-approved by a counselor before a student begins such a course.

High school credits may be given for, but not limited to, the following:

- Counselor approval is required BEFORE registering in any non-Ingraham courses. Students must submit an equivalency course of study form to the school counselor for approval prior to beginning the experience to ensure that credit will be recognized.
- All equivalency courses of study attempted for credit must be documented on a student's transcript. Student is responsible for submitting an official transcript from the institution which the course was taken.
- Students may not opt to omit based on course outcome.
- Other courses offered by any school or institution if specifically approved for credit by the district.
- Credit based on competency testing for attempted courses which were failed may be granted by the district.
- PASS courses added by Seattle Public Schools (available under approved special circumstances).

Making up a Failed Course

If a student fails a required course, student must retake it and pass it to graduate. Failed courses may be made up in some alternative programs or approved online options. Some Running Start courses can also qualify. Principal approval is required BEFORE registering in any non-Ingraham courses.

NCAA Approved Courses

NCAA-approved courses are specific high school classes in English, Math (Algebra 1+), Science (lab if offered), Social Science, Foreign Language, or Comparative Religion/Philosophy that meet rigorous standards for college prep, ensuring athletes are ready for NCAA Division I/II academics. Athletes must complete 16 core courses, track their progress in the NCAA Portal, and ensure their specific high school classes (like AP/IB/Honors) are on their school's pre-approved list to meet eligibility requirements. Ingraham's NCAA Approved courses are:

- **English:** Intro Lit Comp 9, World Lit Comp 10, IB Lit 11, IB Lit 12
- **Social Studies:** World History 1, 2, 3, and honors, LGBTQIA World History, US History 11 A/B, American Government, IB 20th Century World History ½, IB History of Americas 1/2, and IB Psychology 1,2,3,4.
- **Math:** Algebra 1 A/B, Algebra 2 A/B and Honors, Geometry A/B and Honors, AP Statistics A/B, AP Calculus A/B and B/C, IB Math Analy A/B and C/D, IB Math Apps C/D
- **Science:** Physics A/Chemistry A and Honors, Physics B/Chemistry B and Honors, IB Physics SL and HL, IB Biology SL and HL, IB Chem SL and HL, Biology A/B and Honors
- **World Language:** All levels of Spanish, French, and Japanese courses (regular or IB)

Graduation Requirements

Ingraham provides various pathways for academic achievement, including the full IB diploma, the early entrance IB diploma program, and general high school requirements, which encompass partial IB, Running Start, Skills Center, Seattle Vocational Institute, or other approved programs. Throughout your four years, you will have many opportunities to challenge yourself with honors, Advanced Placement (AP), and IB courses in your chosen areas. You may also opt to pursue the IB Diploma Program (IBDP), which offers a comprehensive selection of rigorous courses and allows students to waive most graduation requirements outside the IBDP. Be sure to collaborate with your school counselor to monitor your graduation requirements.

Requirements for Class of 2021 and Beyond

You will need 24 credits to graduate:

- 4 credits of English
- 3 credits of science
- 3 credits of math
- 3 credits of social studies
- 2 credits of art (1.0 credit is flexible based on your personal pathway)
- 0.5 credits of health
- 1.5 credits of PE
- 1.0 career and technical education (CTE/Occ. Ed.) credit
- 2 credits of world language (Credits are flexible based on your personal pathway)
- 4 elective credits
- Complete a graduation pathway

Additional Graduation requirements

- 60 hours of service learning (IB diploma candidates will complete CAS instead)
- Completion of the Washington State physical education (PE) competency exam (required even if a student obtains PE waivers due to disability, religious belief, or athletics.)
- Completion of Washington State History (This requirement may have been met at your middle school.)
- Completion of a High School and Beyond Plan

Supplemental Graduation Requirements for Four-Year College Admission

The requirements listed fulfill the minimum core course prerequisites for admission to a four-year public college or university in Washington State. Students are strongly encouraged to exceed these minimums to enhance their competitiveness for out-of-state, private, and international colleges and universities.

- **English:** Four credits
- **Math:** Three credits (including one math-based course in senior year)
- **Lab Science:** Two years (one credit must be algebra-based; the other must be biology, chemistry, or physics—this course may also meet the algebra-based science req. Note that some colleges have specific requirements; check their admissions websites.)
- **Social Science/History:** Three credits
- **Art:** One credit (usually one year in the same medium)
- Students should take the PSAT as sophomores and juniors to prepare for the SAT and/or ACT.
 - World Languages: Two years of the same world language. Some colleges may accept the world language exam (STAMP).

Graduation Pathways at Ingraham

Each pathway below lists the courses required to fulfill that pathway. Contact your counselor with questions.

SBAC, SAT, AP, ACT, ASVAB Scores

- SBAC: ELA = 2548 and Math = 2595
- SAT: ELA = 410 and Math = 430
- ACT: ELA = 14 and Math = 16
- AP Exams (ELA or Math) = 3+
- ASVAB =31
- Scores for any testing options can be combined with dual credited courses to complete a pathway (**e.g., SBAC ELA score and passing Financial Algebra**)
- Cut scores can also count for credit retrieval for LA9 A or B, LA10 A or B, Alg. 1 A or B, Geo A or B.

Dual Credited Courses (IB and CIHS)

- IB LIT 11, IB Lit 12 (1 credit w/C+ or higher)
- AP Statistics, AP Calculus, AP Computer Science, IB Math Class (1 credit w/C+ or higher)
- Business Math 130 (Passing grade, 1 credit)
- Running Start LA and Math courses at 100 level or higher (Passing grade, 1 credit)

CTE Pathways

2.0 credits required each. Most Skills Center courses are worth 3.0 credits and satisfy the CTE pathway. Skills Center courses taught over summer are worth 0.5 credits.

Culinary and Hospitality (2.0 Credits)

- Career Connections or IB Personal Professional Skills
- Culinary Arts 1
- Culinary Arts 2
- Baking & Pastry
- Nutrition Wellness
- Skills Center: (Culinary Arts 0.5 credits for summer)

Information Technology (2.0 Credits)

- Career Connections or IB Personal Professional Skills
- Immersive Media A & B
- AP Computer Science 1 and 2
- Skills Center: Skilled Trades Pre-Apprenticeship (Offered at Ingraham HS)

Business and Marketing (2.0 Credits)

- Career Connections or IB Personal Professional Skills
- Marketing
- IB Business
- Skills Center: (Maritime, Aerospace, Fire, Construction, Auto, Welding, Aviation, Animation Gaming)

Art, Design & Graphics (2.0 Credits)

- Career Connections or IB Personal Professional Skills
- Yearbook 1, 2, 3, 4
- Skills Center: Media Arts, Video Games

Education and Human Services (2.0 Credits)

- Career Connections or IB Personal Professional Skills
- IB Psychology 1
- IB Psychology 2
- IB Psychology 3
- IB Psychology 4
- Family Health
- Human Development
- Skills Center: (Medical Assistant, Nursing Assistant, Teaching Academy)

Theatre Tech (2.0 credits)

- Career Connections or IB Personal Professional Skills
- Costume Design Beginning
- Costume Design Advanced
- Theatre Tech Beginning
- Theatre Tech Advanced

Specialty Programs at Ingraham

Running Start (RS) Program

The RS Program at Seattle area community colleges enables juniors and seniors to enroll in college-level courses and earn both high school and college credit. Students can earn up to 21 credits per quarter at no cost; any additional credits require family payment. They are responsible for purchasing books, covering lab costs, and providing transportation, though fee waivers may be available based on income. To enroll, students must complete the RS Application and be placed in courses via a placement test or by submitting Smarter Balanced and SAT/ACT scores. A minimum GPA of 2.0 is recommended. Students must meet with their school counselor each quarter to complete an enrollment verification form and review graduation requirements before class registration. Early registration is advised to avoid scheduling conflicts. Students should complete all Ingraham forms and follow college instructions, with registration for Running Start taking place around May. Students need to maintain a full Ingraham schedule, adjusting as necessary after registering for college courses. Running Start is also available in the summer for rising juniors and seniors; consult your counselor for details.

IB Certificates and the IB Diploma program (IBDP)

All IB classes and programs are for 11th and 12th graders only. HC-designated 9th graders who are interested in skipping the 10th grade coursework and beginning the IB Diploma Program in their second year of high school should talk to one of the IB Coordinators before course registration.

IB Diploma Program

To complete the IB Diploma, students take IB courses & exams in six different subject areas and complete the IB Core (Theory of Knowledge, Extended Essay, and CAS) during their last two years of high school. IB Diploma students must take Spanish/French/or Japanese level 4 or higher during their junior or senior year, which requires reaching at least Level 2 of the language by the end of sophomore year. Likewise, IB Diploma students must take an IB Math class during the program, for which Algebra 2 or 2h is the pre-requisite. Students who meet the IB Diploma requirements can waive any other course requirements needed for high school graduation, such as Health, CTE, and PE.

IB Career-related Program

The IB Career-related Program (IB CP) is another two-year IB option. Students complete the IB CP by taking courses & exams in at least two IB classes, taking the IB Personal and Professional Skills course and their chosen career-related studies courses, and completing the other parts of the CP Core. There are currently four career-related pathways in the CP made up of other Ingraham classes: Business, Computer Science, Performing Arts, and Construction trades. More pathways may be added. CTE and other graduation requirements will be met through the CP classes, but students in the IB CP need to also meet all requirements for high school graduation like Health and PE.

Individual IB Courses and Exams

All Juniors and Seniors can take IB courses and register for exams, regardless of whether they are in one of the two programs. Course registration happens in Feb/March and the exam registration happens the following October. You can take the course and not take the exam.

Ingraham's IB Coordinators are Laura Turner and Angela Peck, who can guide students through the IB planning process, lturner@seattleschools.org (room 66) or alpeck@seattleschools.org (room 130).

Advanced Placement (AP) Courses

Ingraham currently offers a few AP courses. Students may choose to take the AP Exam for the potential of earning college credit.

Highly Capable Cohort (HCC) (Early Entrance)

HC-designated students can choose to skip tenth-grade course work and begin the IB program as a sophomore. In order to do this, the HC-designated student must meet the following requirements: complete Spanish 2 or French 2 and Algebra 2 by end of 9th grade, be in good academic standing with no instances of academic dishonesty (e.g. cheating or plagiarism), and have teacher recommendation/approval. They will complete the rigorous IB Diploma Program a year earlier than their grade level peers and be in classes with 11th and 12th graders of various academic levels; this is not a cohorted HC program. After completing the IB Diploma in 11th grade, these students can enroll in a combination of Ingraham and Running Start classes (through North Seattle College) or have the option to graduate early. For individual planning, please consult the IB Coordinators, Ms. Peck or Ms. Turner.

Scope and Sequence by Department

Language Arts Scope and Sequence

- **9th grade:** Intro to Lit Comp 9 (regular or honors)
- **10th grade:** World Lit Comp 10 (regular or honors)
- **11th grade:** IB Literature
- **12th grade:** IB Literature or Bridge to College English

History Scope and Sequence

- **9th grade:** World History 1 & 2 (regular or honors)*
- **10th grade:** World History 3 (regular or honors) *or* LGBTQIA World History 3 (only one semester each)
- **11th grade:** IB History of the Americas
- **12th grade:** American Government (semester) OR IB 20th Century History (year) OR IB Global Politics (year)

Science Scope and Sequence

- **9th grade:** Physics A/Chemistry A (regular or honors)
- **10th grade:** Biology (regular or honors)
- **11th grade:** Physics B/Chemistry B (regular or honors)

Note: This sequence can start in 7th grade. You would have more flexible options after you complete Physics B/Chemistry B after 9th grade. For all students, while Physics B/Chemistry B is recommended, it can be replaced with another science that fits your High School and Beyond Plan.

HCC students: If you are starting this sequence in 7th grade and postponing the IB diploma until 11th grade, you have the option of taking an IB science class in 10th grade however you cannot test in this course and it cannot count towards your IB diploma in any way.

Math Scope and Sequence

- **9th grade:** Algebra 1
- **10th grade:** Geometry (regular or honors)
- **11th grade:** Algebra 2 (regular or honors)

Note: This sequence can start in middle school so follow the correct sequence. Geometry can be taken concurrently with either Algebra course if a student wishes to speed up their track. While most students should take Algebra 2, it can be replaced with other math courses. After Algebra 2, you can take Business Math, Pre-calculus, IB Math, or AP Statistics.

Language Arts Course Descriptions

9th Grade

INTRODUCTION TO LITERATURE AND COMPOSITION 9A/B – YEAR (HONORS CREDIT AVAILABLE)

Introduction to Literature and Composition is a yearlong course that concentrates on critical reading of texts from different genres that reflect themes of identity and self-discovery from different cultural perspectives and where the focus of composition is developing clear and purposeful writing.

10th Grade

WORLD LITERATURE AND COMPOSITION 10A/B – YEAR (HONORS CREDIT AVAILABLE)

World Literature and Composition is a yearlong course where students read international texts and additional supplemental works including poetry, short stories and nonfiction. The course concentrates on how the human experience is expressed in literature from around the world.

11th and 12th grades

IB LITERATURE 11 [YEAR 1] A/B

This is the first of a two-year course that prepares students to take the IB Literature exam at the Higher level. Students will focus on novels, poetry, and plays, adopting a variety of approaches to textual criticism. Students explore the nature of literature, the aesthetic function of literary language, and the relationship between literature and the world. Works are studied in their literary and cultural contexts, through close study of individual texts and passages, and by considering a range of critical approaches. This course culminates in an individual presentation based on critical analysis of two of the works studied throughout the course of the year.

IB LITERATURE 12 A/B [YEAR 2] HL

This is the second year of a two-year course that prepares students to take the IB Literature exam at the Higher level. Students will focus on novels, poetry, and plays, adopting a variety of approaches to textual criticism. Students explore the nature of literature, the aesthetic function of literary language, and the relationship between literature and the world. Works are studied in their literary and cultural contexts, through close study of individual texts and passages, and by considering a range of critical approaches. This class culminates in the completion of the HL Literary Essay and preparation for the IB HL Literature Exams.

BRIDGE TO COLLEGE ENGLISH A/B- YEAR

Bridge to College English is yearlong course that emphasizes focused reading, writing, speaking and listening, and research work based on Washington State's K-12 Learning Standards for English Language Arts (the Common Core State Standards, CCSS-ELA). This course will develop students' college and career readiness by building skills in critical reading, academic writing, speaking and listening, research and inquiry, and language use.

History Course Descriptions

9th grade

WORLD HISTORY 1+ 2 – YEAR (HONORS CREDIT AVAILABLE)*

World History 1 & 2 is a yearlong course of study that focuses on the cultures and regions of Africa, the Middle East, and Asia. While geography and history are fundamental to the study of each region, emphasis is also placed on the regions' contemporary cultural, political, and economic characteristics. By studying major cultural areas, students should better understand the current and changing conditions in the world as well as relationship of the United States to these regions. Skill development includes working with historical texts and maps, interpreting data in various formats, and writing historical narrative.

10th grade

Taking a sophomore year social studies course is required if wanting to complete the standard IB diploma. Early entry IB students will move right into IB History of the Americas.

WORLD HISTORY 3 – SEMESTER (HONORS CREDIT AVAILABLE)

World History 3, the third semester of the World History courses, encompasses 1945 C.E. to the present in the continued investigation of the emergence of civilizations across the globe.

LGBTQIA WORLD HISTORY 3-SEMESTER

Can be taken in place of World History 3 or as an elective.

11th grade

IB HISTORY OF AMERICAS HL - YEAR

In the IB History of the Americas course, students investigate major themes in the history of all of the Americas (North America, the Caribbean, and Central/South America). Units may include topics such as independence movements, the U.S. Civil War, the Mexican Revolution, Civil Rights and Social Movements, and Political Developments in Latin America. This course focuses on reading challenging texts, conducting historical research and developing writing skills. Students also engage in disciplinary literacy skills, such as document analysis. A major independent research project is required and is credited toward the overall IB History exam score. To qualify for the IB exam, students must also take a second year of IB History.

IB THEORY OF KNOWLEDGE 1 - SEMESTER 2 ONLY

Theory of Knowledge (TOK) is the central, worldwide-required element of the IB Diploma Program. TOK asks student to be critical in the examination of what can be known, how that knowledge is constructed, and how claims about knowledge vary between disciplines as well as cultures. Students are asked to reflect on the interaction between different areas of knowledge, various ways of knowing, and the knower. Special attention is given to developing writing skills appropriate for philosophical inquiry as well work on the Extended Essay.

IB PERSONAL PROFESSIONAL SKILLS 1 – SEMESTER 2 ONLY

IB Personal and Professional Skills emphasizes the development of transferable skills needed to operate successfully in society. The course focuses on critical and ethical thinking, intercultural understanding and the ability to communicate effectively. This is the first semester of the two-semester course, completed over junior and senior years, is required for all students attempting the IB Career Path certificate.

12th grade

AM GOVT & ECON - SEMESTER

The purpose of this course in American government and economics is to give students an understanding of how their government works and how their economic system operates in order for them to participate meaningfully in making decisions that affect their lives.

IB 20TH CENTURY WORLD HISTORY HL - YEAR

IB 20th Century World History is part of a two-year sequence of courses that prepares students to take the IB History exam at either the Standard or Higher level. Students will study selected topics in 20th century world history.

IB GLOBAL POLITICS SL- YEAR

IB DP global politics is a course for students who want to understand more about how the world they live in works, and what makes it change (or prevents it from changing). The course draws on a variety of disciplinary traditions in the study of politics and international relations. Students build their knowledge and understanding of the local, national, international, and global dimensions of political activity and processes by critically engaging with contemporary political issues and challenges.

The aims of the global politics course at SL are to enable students to:

- Explore and evaluate power in contemporary global politics
- Examine how state and non-state actors operate and interact within political systems
- Investigate and analyze contemporary political issues and challenges from multiple perspectives
- Develop a lifelong commitment to active global citizenship through collaboration and agency

IB THEORY OF KNOWLEDGE 2 - SEMESTER 1 ONLY (Before School)

Prerequisite: TOK 1.

TOK 2 continues into the first semester of the senior year. Students build on the work from the previous year with a more in-depth examination of the different areas of knowledge. Through presentations, students focus on specific, contemporary problems of knowledge. A culminating essay on a prescribed title is required. IB TOK 2 is required for senior IB Diploma candidates and for non-diploma candidates; successful completion of TOK 1 is required.

IB PERSONAL PROFESSIONAL SKILLS 1 – SEMESTER 1 ONLY (Before School)

Second semester course of IB Personal and Professional Skills which emphasizes the development of transferable skills needed to operate successfully in society. The course focuses on critical and ethical thinking, intercultural understanding and the ability to communicate effectively. This is the second semester course, which can be completed over junior and senior years. It is required for all students attempting the IB Career Path certificate.

Science Course Descriptions

9th Grade

PHYSICS A- SEMESTER (HONORS CREDIT AVAILABLE)

In this course, Mechanistic Models for Electricity, Magnetism and Waves, students will study static electricity and current electricity, conservation of energy, energy transfer, magnetism, wavelength and frequency, and light and sound waves. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

CHEMISTRY A- SEMESTER (HONORS CREDIT AVAILABLE)

In this course, Atomic Structure and Periodicity, students develop and use models of the atom to investigate the properties of matter at an atomic level and explore how the periodic table provides a way to organize all this information. Students carry out investigations to explain properties of substances and develop solutions to engineering problems of materials science. Finally, students examine the nucleus of the atom and evaluate models to come up with solutions to problems in nuclear chemistry. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

10th Grade

BIOLOGY A/B – YEAR (HONORS CREDIT AVAILABLE)

In this course, Tracing Matter and Energy, students will focus on processes that transform matter and energy in organisms, ecosystems, and global systems: combustion, photosynthesis, cellular respiration, digestion, and biosynthesis. Students use these cellular and chemical processes to explain the functioning of organisms – plants, animals, decomposers – as well as ecological and global carbon cycling. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

11th and 12th Grade

PHYSICS B- SEMESTER (HONORS CREDIT AVAILABLE)

Prerequisite: Passed Algebra 1 and concurrent enrollment in Algebra 2.

In this course, Mechanics, students will study energy transfers and conversions, conservation of energy, Newton's Laws of Motion, conservation of momentum, gravitation, Coulomb's Law. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

CHEMISTRY B – SEMESTER (HONORS CREDIT AVAILABLE)

In this course, Reactions and Energy Transfer, students use the basic understanding of the structure of matter to investigate chemical reactions, and to further develop models of matter and energy transfer. Students analyze real world data to develop mathematical models. Finally, students carry out investigations to make sense of every day chemical reactions and processes. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

IB SPORTS MEDICINE - YEAR

This course incorporates anatomy and physiology, biomechanics, psychology and nutrition in the context of sport, exercise and health. Students will carry out practical (experimental) investigations in both laboratory and field settings, providing an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyze human performance

IB CHEMISTRY SL - YEAR

A lab course including the essential principals of chemistry and the acquisition of investigational skills. Focus is on the IB exam at the Standard Level or continuing on for the IB exam at the higher level.

IB CHEMISTRY HL - YEAR

Prerequisite: IB Chemistry 1 & 2 SL.

A lab course including the essential principles of chemistry and the acquisition of investigational skills. Focus is on the IB exam at the Higher Level.

IB BIOLOGY SL - YEAR (Lab Fee Required)

The objective of this course is to equip students with a solid foundation of biological science. This is an international biology curriculum, incorporating fundamental concepts of chemistry, physics and mathematics, whose focus is a broad view of modern biology.

IB BIOLOGY HL - YEAR

Prerequisite: IB Biology SL

In this second year of IB Biology, we will solidify concepts of chemistry, mathematics, and physics that are of essence in modern biology. By integrating lab work and theory, the curriculum teaches the facts and concepts of modern biology as well as how new knowledge is obtained and new discoveries are understood. The focus will be on experiments with unknown outcomes, giving you a chance to do work that is more independent and challenge your scientific aptitude. You will read scientific work, build upon what you have learned last year and graduate with a love for biology.

Mathematics Course Descriptions

Students are placed based on their course history starting with high school level Algebra 1. There are many ways to create your personal pathway in math. See your counselor and/or current math teacher for recommendations and questions.

ALGEBRA 1A/B - YEAR

Students analyze, solve and use linear, exponential and quadratic relationships, models and functions.

GEOMETRY A/B - YEAR

Note: can be taken concurrently with Algebra 2

Students formalize and extend geometric experiences from the middle grades, deepen their explanations of geometric relationships, and move toward formal mathematical arguments.

Honors credit available.

ALGEBRA 2A/B - YEAR

Prerequisite: Algebra 1 and Geometry; can be taken concurrently with Geometry

Students study polynomial, rational, radical, exponential, logarithmic, and trigonometric and statistical models and functions.

ALGEBRA 2A/B HONORS - YEAR

Prerequisite: Algebra 1 and Geometry; can be taken concurrently with Geometry

Honors Algebra 2 offers a more in-depth examination of the topics in standard Algebra 2. Students should expect about one hour of homework each day.

IB MATH APPLICATIONS SL C/D - YEAR

Prerequisite: Algebra 2

Prepares students to take the IB examination in May. This course emphasizes mathematical modeling and statistics. Students solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations. Students develop strong technology skills and understand the links between theoretical and practical concepts in mathematics. For students interested in social sciences, natural sciences, medicine, statistics, business, engineering, some economics, psychology, design and other non-STEM fields.

IB MATH ANALYSIS SL C/D- YEAR

Prerequisite: Algebra 2 Honors

Prepares students to take the IB examination in May. This course develops important mathematical concepts in a comprehensible, coherent and rigorous way, with an emphasis on algebraic methods. Students solve real and abstract problems. This course has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. Students develop the skills needed to continue in the study of mathematics and other STEM areas. For students interested in mathematics, engineering, physical sciences, economics and STEM field.

IB MATH ANALYSIS HL A/B- YEAR

Prerequisites: Algebra 2 Honors, with a grade of an A.

IB Math Analysis and Approaches HL A/B is the first year of a two - YEAR course that is part of the IB Diploma Programme and prepares students to take the IB examination in May of their second year. This course develops important mathematical concepts in a comprehensible, coherent and rigorous way, with an emphasis on algebraic methods. Students solve real and abstract problems. This course has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. Students develop the skills needed to continue in the study of mathematics and other STEM areas. Topics are studied in greater depth and breadth than in Standard Level (SL).

IB MATH ANALYSIS HL C/D- YEAR

Prerequisites: IB MATH ANALY HL A/B

Second year of above, preparing students for the HL IB Exam in May.

AP STATISTICS A/B - YEAR

Prerequisite: Algebra 2

AP Statistics students study the major concepts and tools for collecting, analyzing and drawing conclusions from data.

AP CALCULUS A/B - YEAR

Prerequisite: IB Analysis C/D

AP Calculus AB A is designed to be the equivalent of the first half of a one-semester college calculus course and prepares students to take the AP Calculus AB Exam in May. Units include limits, differentiation and applications.

AP CALCULUS B/C – YEAR

Prerequisite: IB Analysis C/D

AP Calculus BC A is designed to be equivalent to the first semester of a two-semester college calculus course. Units include limits, differentiation, and integration. This course prepares students to take the AP Calculus BC Exam in May.

Pre-requisite: Precalculus

BUS130 BUSINESS MATH - SEMESTER

Prerequisite: Algebra 1 and Geometry

This is a one semester business math college course. Instruction in math functions & prepares students for business classes. Eligible students can earn Edmonds College credits. One semester earns 1.0 high school credit.

Can complete your math graduation pathway.

Ingraham High School Elective Course Glance Sheet

Yearlong Courses

BUSINESS & TECHNOLOGY	9	10	11	12
CSE 121 AP Computer Science	█			
IB Business Management	█	█		
IB Computer Science SL	█	█		
Yearbook 1/2 **	█			
Yearbook 3/4 **	█			
FAMILY & CONSUMER SCIENCE	9	10	11	12
IB Psychology 1/2	█	█		
IB Psychology 3/4	█	█		
Culinary 1 A/B	█			
PERFORMING ARTS	9	10	11	12
Chamber Orchestra				
Symphonic Band				
Percussion Ensemble**				
Wind Ensemble**				
Jazz Band (<i>Before School</i>) **				
Concert Choir				
Chorale**				
Vocal Jazz**				
SKILLED TRADES	9	10	11	12
Construction Pre-Apprenticeship**	█	█		
VISUAL ARTS	9	10	11	12
Filmmaking and Story				
IB Visual Arts SL	█	█		
IB Visual Arts HL	█	█		
IB Film SL	█	█		
IB Film HL	█	█		
WORLD LANGUAGE	9	10	11	12
French 1				
French 2				
French 3				
IB French 4	█			
IB French 5	█			
IB French 6	█			
IB Japanese 4	█			
IB Japanese 5	█			
IB Japanese 6	█			
Spanish for Heritage Speakers				
Spanish 1				
Spanish 2				
Spanish 3				
IB Spanish 4				
IB Spanish 5	█			
IB Spanish 6	█			
** Course requires an audition, application, or interview to enroll. Review course descriptions.				

Semester Long Courses

BUSINESS & TECHNOLOGY	9	10	11	12
AI Foundations				
Immersive Media A				
Immersive Media B				
Marketing 1				
Marketing 2				
Marketing 3		█		
Marketing 4		█		
FAMILY & CONSUMER SCIENCE	9	10	11	12
Family Health				
Nutrition & Wellness	█			
Human Development	█			
Career Connect 1				
Baking and Pastry	█			
FITNESS	9	10	11	12
Personal Fitness				
Team Sports 1				
Weight Training				
PERFORMING ARTS	9	10	11	12
Costuming Beg.				
Costuming Adv.				
Guitar Lab 1				
Guitar Lab 2**				
Music Survey				
Piano Lab				
Tech Theatre Beg.				
Tech Theatre Adv.				
Theatre Beg.				
Theatre Play Production**				
Musical Theatre Production**				
SKILLED TRADES	9	10	11	12
Woods 1				
Woods 2				
VISUAL ARTS	9	10	11	12
Art Survey				
Ceramics Beg.				
Ceramics Adv.				
Drawing & Painting Beg.				
Drawing & Painting Adv.				
Photography Beg.				
Photography Adv.				
OTHER	9	10	11	12
Leadership**				
Projecto Saber				
Teacher Assistant**				
Library Assistant**				
Office Assistant**				
IB Diploma Courses	9	10	11	12
IB Theory of Knowledge 1 (<i>Before School</i>)	█	█	█	█
IB Theory of knowledge 2 (<i>Before School</i>)	█	█	█	█
IB Personal Professional Skills 1	█	█	█	█
IB Personal Professional Skills 2	█	█	█	█

Business and Technology Course Descriptions

AI FOUNDATIONS– SEMESTER

In AI Foundations, students explore how computers and artificial intelligence help people solve problems, make decisions, and create new things. Students will write their own programs in Python, figure out how devices and the Internet actually work, and dive into data to find patterns and tell stories. Along the way, students use AI tools, think through tough questions about privacy and fairness, and build the skills they need to create technology, not just use it.

CSE 121 AP COMPUTER SCIENCE - YEAR

Prerequisites: Previous programming experience or Geometry

This course is a yearlong co-delivered AP/UWHS course. This course covers basic concepts for programming-in-the-small, including procedural programming (methods, parameters, return values), basic control structures (sequence, if/else, for loop, while loop), file processing, arrays and an introduction to defining objects using the Java programming language. Besides preparing for the AP Computer Science A exam, eligible students have the option to register to earn UW credits through the UW in the High School program. Can count for math and science credit- see counselor for more information.

IB BUSINESS MANAGEMENT - YEAR

Prerequisite: 2 semesters of Marketing, Business Management, or Yearbook.

IB Business Management is a yearlong course that prepares students to take the IB Business Management exam at the Standard level. The course is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills.

IB COMPUTER SCIENCE SL – YEAR

Prerequisites: CSE 121 AP Computer Science or equivalent previous programming experience

IB Computer Science is a yearlong course that prepares students to take the IB Computer Science exam at the Standard level. The course is designed to develop an understanding of computerized systems through a clear understanding of the problem to be solved, appropriate use of hardware based on a detailed knowledge of its capabilities and limitations, efficient use of algorithms and data structures; thorough and logical design, and careful testing an integration of all these components. IB students will learn Java, including mechanisms such as encapsulation, polymorphism and inheritance. This course focuses on software development, fundamentals of computer systems, and the relationship between computing systems and society.

IMMERSIVE MEDIA A - SEMESTER

This course introduces students to high-level computers science concepts and creative design approaches while they learn how to use immersive technologies. Students will learn product design theory, programming concepts and product management skills while using industry-specific software to create small projects. The class culminates with a collaborative team project of the students' own design using immersive technology such as virtual or augmented reality.

IMMERSIVE MEDIA B - SEMESTER

Prerequisite: Immersive Media A

This course introduces students to high-level computers science concepts and creative design approaches while they learn how to use immersive technologies. Students will learn product design theory, programming concepts and product management skills while using industry-specific software to create small projects. The class culminates with a collaborative team project of the students' own design using immersive technology such as virtual or augmented reality.

MARKETING 1 - SEMESTER

Marketing 1 is an introductory course which will expose students to the fundamental concepts of marketing. Students will evaluate interpersonal communication concepts and skills.

MARKETING 2 - SEMESTER

Prerequisite: Marketing 1

Marketing 2 introduces students to the world of marketing including business and marketing functions, risk management, finance, marketing operations and specialized career development.

MARKETING 3 - SEMESTER

Prerequisite: Marketing 1 and 2

Marketing 3 is the third of four courses that allows students to develop and demonstrate management level marketing skills and advanced marketing principles

MARKETING 4 - SEMESTER

Prerequisite: Marketing 1, 2 and 3

The majority of class time will be spent by students completing their marketing project. This project may be used for their official DECA written project.

YEARBOOK (PUBLISHING) 1/2 and 3/4 – YEAR (APPLICATION/INTERVIEW REQUIRED)

Collaborate with your Ingraham peers to create a book that everyone will value for decades to come. Students will design, create, and manage this very real publishing project. The class functions as a professional publishing and design studio with real deadlines and high standards. Students learn graphic design, photography, journalism, as well as marketing, business, and management skills. Emphasis is placed on magazine-style writing and photography in accordance with accepted journalistic practice. Techniques of picture selection and cropping, typography, layout and graphic design are also emphasized. They will also use design and video skills to market The Book on social media and around school. This course may be repeated for advanced credit as members of the editorial staff.

- Admittance to this course is by faculty approval only. Yearbook 3/4 is only open to previous Yearbook 1/2 students.

Family and Consumer Science Course Descriptions

BAKING AND PASTRY - SEMESTER

Baking and Pastry is a course taught by FCS instruction. This course allows culinary students more in- depth study of baking and pastry arts. Areas of study include baking terminology, tool and equipment use, formula conversions, functions of ingredients, and methods used in creating yeast breads, pastries, quick breads, and other desserts. The fundamentals of dough and basic decorating skills are covered. The appropriate use of technology and industry-standard equipment is an integral part of this course. May be used as a prerequisite for Culinary Arts.

CAREER CONNECT 1 - SEMESTER

Any realistic career planning must begin with developing a better understanding of oneself. The purpose of this course is to provide students with instruction in the career planning process directly related to local industry data, career interest, and skill attainment. Through the course, students will be developing a professional career portfolio, which includes career assessments, resumes, cover letters, and artifacts of student's work that demonstrate their 21st century skills. Students will evaluate their employability skills, identify their personal values, learning styles, personality types, and career interests as they start to plan for their future through authentic classroom projects, career panels, field trips, internships and job interviews. Students can explore future careers, set goals and create a professional portfolio in order to be successful in their transition to life after high school.

CULINARY ARTS 1A/B- YEAR

Prerequisite: Nutrition and Wellness or Baking/Pastry.

This is an advanced class for students interested in exploring careers in the hospitality or culinary field. If you enjoy cooking and spending time preparing gourmet food for others, this is the class for you. Do national food competition and an opportunity to show off your food creativity pique your interest? This course will prepare students for scholarships, part-time work, and advanced college credit. Students will compile a portfolio displaying skills learned in this class. CTE course cross-credited for Lab Science.

FAMILY HEALTH –SEMESTER

Family Health focuses on making choices for healthy lifestyle-preparing students for lifelong decision-making, problem solving, critical thinking, and management skills related to health and wellness issues influencing families. Topics include wellness, fitness and nutrition, mental health, substance abuse, human sexuality, preparing communicable diseases, and other current health and wellness issues. Course content encourages a healthy lifestyle for each individual so that family life and communities can remain strong.

*Counts for Health requirement

HUMAN DEVELOPMENT – SEMESTER

Human Development, a .5 CTE semester course for grade 10 - 12 students. Includes birth to death, family and child studies, early learning, psychology, and sociology topics, with eligibility to obtain industry STARS (Merit) certifications and Dual Credit/ Tech Prep college credit.

NUTRITION & WELLNESS - SEMESTER

CTE course cross-credited for Lab Science. Nutrition and Wellness targets students grade 10 and above and focuses on practices to enhance lifelong health and wellbeing. Skills gained lead to more careful meal planning and choices across the lifespan. Prerequisite for Culinary Arts.

IB PSYCHOLOGY 1/2 SL - YEAR

IB Psychology is a systematic study of human behavior and experience. This class offers the International Baccalaureate candidate a field of study that brings together several academic disciplines. Psychology's reliance upon construction and testing of theories through rigorous empirical investigations has enabled it to develop as a social science quite distinct from neighboring disciplines. Students will conduct psychological research and interpret data to

apply knowledge for the benefit of human beings. Attention is given to cultural perspectives and preparation for the International Baccalaureate exams in this one - YEAR course. Students will study the biological, the cognitive and the socio-cultural levels of analysis.

IB PSYCHOLOGY 3/4 HL-YEAR

Prerequisite: IB Psychology 1/2SL.

IB Psychology 3/4HL is the final part in a two-year course sequence that prepares students to take the IB Psychology HL exam. Seen through three levels of analysis and two optional areas of focus (at the Higher Level) Psychology offers the International Baccalaureate candidate a field of study that brings together several academic disciplines. Individuals will design and conduct psychological experiments and report findings. Qualitative in addition to Quantitative research methods will be used.

Fitness (PE) Course Descriptions

PERSONAL FITNESS - SEMESTER

This course will be the first physical education course taken before any elective/choice physical education courses are taken. This course will be one of the three required physical education classes needed for graduation and is the class to which students meet the PE Competency requirement.

TEAM SPORTS 1 - SEMESTER

Prerequisite: Successful completion of Personal Fitness.

This class is designed to increase students' physical, intellectual, and social development through participation in several team sports. Increasing physical fitness will also be a focus.

WEIGHT TRAINING AND CONDITIONING 1 - SEMESTER

Prerequisite: Personal Fitness.

Weight training continues the goal setting and fitness measurements while supporting a record keeping element to analyze personal behavior. The program is customized to meet individual student's personal needs.

Performing Arts Course Descriptions

COSTUMING BEGINNING- SEMESTER

This entry level course is open to all students interested in learning the art of costume design and construction. The course explores how character and story are revealed through costume choices. Costume designers start with character and script analysis and director concepts to develop design concepts. Students collaborate to develop skills in design, drawing, and using a pattern to build a costume. Students gain experience in hand and machine sewing skills to build individual designed pieces.

- Students may receive CTE credit after fulfilling all Fine Arts requirements.

COSTUMING ADVANCED- SEMESTER

This advanced level course is for students interested in deepening skills in the art of costume design and construction. Students in this course will collaborate with designers and directors to design and build costumes for school productions.

- Students may receive CTE credit after fulfilling all Fine Arts credit requirements.

GUITAR LAB 1- SEMESTER

Students in this course will learn the necessary skills and concepts to gain a rudimentary proficiency on guitar and music-reading. This is a one-semester class. This course may be repeated for credit.

GUITAR LAB 2 – SEMESTER Audition/Interview Required

This advanced course is designed for students to build on prior understanding of the guitar and further develop their technical and musical skills. This course may be repeated for credit.

PIANO LAB - SEMESTER

Students in this course learn to play the piano. Students in the piano class will learn the necessary skills and concepts to gain a rudimentary proficiency on the piano keyboard. This is a one semester class. May be repeated for credit.

TECHNICAL THEATRE BEGINNING- SEMESTER

This production-oriented course provides a foundation to stagecraft skills and safety procedures preparing students for industry and college study of technical theatre. Students receive an introduction to theatre terminology, scenic design and construction, lighting, sound, properties, costumes, make-up, special effects, theatre management and stage management.

- Students may receive CTE credit after fulfilling all Fine Arts requirements.

TECHNICAL THEATRE ADVANCED- SEMESTER

In this advanced level course students continue to develop their skills in the areas of Technical Theatre and Design. Students in this course are expected to understand, apply, analyze and assist in the creation of a unifying concept for a production in one or more of the following disciplines: lighting, sound, properties, set construction, special effects, costumes, make-up, theatre management or stage management. Students may choose a technical theatre focus, assist, and then lead the design process for a main stage production including development of a design portfolio.

- This course is offered as a CTE course which can be cross-credited for Fine Arts. This course is also offered as a Fine Arts credit only.

THEATRE BEGINNING - SEMESTER

This introductory course is for all students looking to develop skills in acting and performing in front of others. Public speaking, creative problem solving, and collaboration are explored through creative activities, voice and movement exercises, improvisation, story structure, creating character, and scene study. All are welcome, no prior experience is required.

- Students may receive CTE credit after fulfilling all Fine Arts requirements.

MUSICAL THEATRE PRODUCTION - 2ND SEMESTER ONLY Audition/Interview Required

This course prepares students to synthesize the skills and techniques of acting, singing, dancing and performance into a musical theatre production for a public audience. Throughout this process students develop community by working as an ensemble. This course mirrors professional THEATRE standards, culminating in a full-scale production of a musical.

- Students may receive CTE credit after fulfilling all Fine Arts requirements.

THEATRE PLAY PRODUCTION-1ST SEMESTER ONLY - Audition/Interview Required

This course prepares students to use the skills and techniques of acting and performance in one or more plays produced for a public audience. This course mirrors professional THEATRE standards, culminating with a full-scale production of a play. Students enrolled in the course may also have opportunities to work in areas of theatre production including directing, scenic design and construction, costuming, properties, stage management, promotions and publicity.

- Students may receive CTE credit after fulfilling all Fine Arts requirements.

MUSIC SURVEY- SEMESTER 1 ONLY

Students in this course explore a diverse repertoire of musical styles, while building foundational music skills, theory, historical perspectives, and performance and listening skills. This is a one-semester course with no pre-requisite.

CHAMBER ORCHESTRA- YEAR (Chamber & Concert Orchestras)

This year-long performing ensemble is for advanced students who play violin, viola, cello, and bass. Orchestra students play a wide variety of music from different cultures and time periods and perform in school concerts and regional festivals. Students develop advanced skills in tone production, phrasing, rhythmic and aural acuity, and the advancement of technical skills such as shifting, vibrato, bow control, and posture.

- Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

SYMPHONIC BAND - YEAR

This year-long performing ensemble is designed for advanced students who play traditional woodwind, brass and percussion instruments. Students develop skills in tone production, phrasing, rhythmic and aural acuity, advanced technical skills associated with one's instrument, and correct posture. Band students learn and perform a wide variety of music from different cultures and time periods. Students perform in school concerts, regional festivals and athletic events.

- Students may receive CTE credit after fulfilling all Fine Arts credit requirements.

PERCUSSION ENSEMBLE – YEAR Audition/Interview Required

This year-long ensemble is intended for students who are interested in playing pitched and non-pitched percussion instruments in a cohesive performing ensemble. Students learn and perform a wide variety of music from different cultures and time periods and perform in school concerts and regional festivals. This course may be repeated for credit.

WIND ENSEMBLE - YEAR Audition/Interview Required

This year-long performing ensemble is designed for advanced students who play woodwind, brass and percussion instruments. Students continue to develop skills in tone production, phrasing, rhythmic and aural acuity, advanced technical skills associated with one's instrument and correct posture. Students learn and perform a wide variety of music from different cultures and time periods. Students perform in school concerts, regional festivals and athletic events.

- Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

JAZZ BAND- YEAR- (Before School)- Audition/Interview Required

Students in this year-long performing ensemble learn about various jazz styles and concepts, including improvisation, jazz theory, and jazz history with traditional wind and rhythm section instrumentation. Students participate in all Jazz Band performances and activities during or outside the normal school day, including participation in festivals and trips.

- Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

CONCERT CHOIR- YEAR

Concert choir is open to all singers interested in developing their voice by singing in a group setting. Students with a range of backgrounds in vocal music are welcome in this non-auditioned, mixed-voice choir. Students learn vocal technique and musician ship skills. Students perform in school concerts and regional festivals.

- Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

CHORALE- YEAR Audition/Interview Required

This advanced year-long course is designed to prepare the serious choral student for choral music experiences beyond high school. Chorale is an advanced choral performing ensemble. Students perform quality choral literature from a

variety of genres, cultures, and styles, and learn correct vocal technique and musicianship skills. This course is a continuation of the choir sequence. Students perform in school concerts and regional festivals.

- Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

VOCAL JAZZ- YEAR Audition/Interview Required

This advanced course is designed for advanced musicians with an interest in jazz music. Vocal Jazz is a small mixed-voices ensemble for advanced singers and rhythm section. Students learn about various jazz styles and concepts, including improvisation and jazz theory. Students perform in school concerts and regional festivals.

- Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

Skilled Trades Course Descriptions

CONSTRUCTION PRE-APPRENTICESHIP- YEAR- 3.0 CREDITS- Application required

This Advanced Skilled Trades course provides students with an introduction to construction materials, tools, and methods with an emphasis on underlying math and science concepts. Students will design and build projects in wood, metal, and other construction materials. Students can earn industry recognized certifications; OSHA10, Forklift Operator, 1st Aid/CPR/AED, and others. Equivalent credit is available in applied math and science. Modules expose students to a variety of jobs in the building trades and support them in determining how their personal skills and work style fit into the industry. Students will learn what steps to take to pursue specific construction careers. This course is primarily meant to serve senior students that are seeking for Construction Trades apprenticeships upon graduation. This course is part of a 3 hour block schedule (First Semester 1A, 1B, 1C and Second Semester 2A, 2B, 2C)

WOODS 1 – SEMESTER

This introductory class in Woodworking that provides students with the opportunity to work with many of the tools, materials, and processes common to working with wood and wood construction.

WOODS 2 – SEMESTER

Prerequisites: Woods I

This course is designed for the students who wish to pursue advanced study in the area of specialization that is an extension of choices made in earlier wood classes.

Visual Arts Course Descriptions

ART SURVEY - SEMESTER

Students in this introductory course learn about the “why” of visual art. Through the study of artists, art styles, and art movements, students learn why art history is important and relevant, and spend the class creating art using a variety of art media in the style of whoever/whatever we are studying. For example, we might study Impressionism and Vincent vanGogh and then create our own original landscape drawings in the style of vanGogh using oil pastels. No previous art experience necessary.

CERAMICS BEGINNING - SEMESTER

This beginning course is for students who want to work with their hands and develop ideas in 3-dimensional form. Students work with clay, creating both functional and non-functional art pieces. Students learn the properties of clay, construction methods, glazing techniques and the firing process as core concepts of this course. Students learn about ceramic arts and artists from a variety of contemporary and historical sources and across cultures. All students are welcome.

CERAMICS ADVANCED - SEMESTER

Students in this course explore Ceramics at a higher level with hand building and wheel methods. Students design and develop works through investigation of techniques and materials through ceramic arts and artists from a variety of contemporary and historical sources and across cultures. Assignments will be more complex, challenging students to make deeper connections and use voice to communicate ideas. Students have a portfolio of work at the end of the semester.

- Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

DRAWING & PAINTING BEGINNING - SEMESTER

Drawing and Painting Beginning introduces students to the Elements of Art and Principles of Design. Study of these are included in art projects to establish fluency in the language of art. Students create art using a variety of drawing and painting media and explore the relationship between observation, artistic vision, and composition. Visual Art builds lifelong skills through the critical thinking and creative process.

DRAWING & PAINTING ADVANCED – SEMESTER

Drawing and Painting Advanced is intended for students who want to further their knowledge and experience in drawing and painting media. Students in this course will continue to create art and explore the relationship between observation, artistic vision, and composition in an advanced setting. Students will explore media and ideas with more independence and a higher skill level. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

- Students may receive CTE credit after fulfilling all Fine Arts credit requirements.

PHOTOGRAPHY BEGINNING - SEMESTER

Photography Beginning is designed to explore photography as a method of creative visual communication. Students in this course learn basic camera operations and principles of photography such as photo composition, lighting, exposure, and editing.

PHOTOGRAPHY ADVANCED – SEMESTER

Photography Advanced is designed for students interested in expressing their personal creative vision through photography. Students in this course develop their own ideas through open-ended assignments and explore photography as a potential career pathway.

FILMMAKING ART AND STORY- YEAR

This is a fun, approachable yearlong course covering Film History, Film Theory, Film Analysis, Film Criticism, Film Production. Completion of this course is a pre-requisite for IB Film. This class will prepare students for earning college credit in IB Film SL / HL and is HIGHLY RECOMMENDED if they are planning on taking those courses later.

IB VISUAL ARTS SL - YEAR

This year long interactive studio course is designed for students who want to challenge their pre-existing creative and cultural expectations and develop critical thinking through making and analyzing art. Students work with a variety of materials while exploring and producing a cohesive body of art which reflects personal voice and demonstrating a sensitivity and respect for the cultural and artistic diversity in the world. In addition to studio work, students keep a journal to record investigation, ideas, experimentation, and reflection of the process. This course welcomes students who seek life enrichment through Visual Arts. May be repeated for credit.

- Students may receive CTE credit after fulfilling all Fine Arts credit requirements.

IB VISUAL ARTS HL - YEAR

Required prerequisite: IB Visual Art SL

This college level studio course is designed for students to continue researching and investigating creative, cultural and critical thinking through making and analyzing art. Students work independently developing a cohesive body of art which demonstrates technical skill growth with an increased awareness of how their ideas are being formed. Students continue developing an exhibition of work and continue research and journal for submission. This course is recommended but not limited to students looking to apply to art colleges after high school

- Students may receive CTE credit after fulfilling all Fine Arts credit requirements.

IB FILM SL - YEAR

Suggested prerequisite: Filmmaking Art and Story

IB Film SL engages students in the analysis of film texts and exercises in film-making. The course explores film history, theory and socio-economic background. To achieve an international understanding within the world of film, students are taught to consider film texts, theories and ideas from the points of view of different individuals, nations and cultures. Students develop an idea through the various stages of film-making, from conception to finished production using available technology. IB Film SL is a year-long course that prepares students for the IB Film assessments and exams at the Standard Level.

IB FILM HL - YEAR

Prerequisite: IB Film SL

IB Film HL engages students in the analysis of film texts and exercises in filmmaking. The course explores film history, theory and socio-economic background. To achieve an international understanding within the world of film, students are taught to consider film texts, theories and ideas from the points of view of different individuals, nations and cultures. Students develop an idea through the various stages of filmmaking, from conception to finished production using available technology. IB Film HL is a year-long course that prepares students for the IB Film assessments and exams at the Higher Level.

World Language Course Descriptions

*Contact Ellen Watson for placement questions in Spanish emwatson1@seattleschools.org

FRENCH 1 A/B - YEAR

Learn to carry on a conversation with a French speaker about self, family, friends, school, fashion and fun activities. Read and write simple stories and messages in French. Learn where French speakers live and all they do.

FRENCH 2 A/B - YEAR

Students must have successfully completed French 1. Learn how to live like a local in a French-speaking country. Carry on conversations about travel, leisure activities, and holidays. Read authentic texts and write about topics of personal interest. Explore different ways of life.

FRENCH 3 A/B - YEAR

Students must have successfully completed French 2. Expand your knowledge of the French speaking world through traditional and modern art, literature, and music. Engage in extended conversations, express opinions, feelings and emotions. Improve your reading and writing fluency.

IB FRENCH 4 A/B SL - YEAR

Students must have successfully completed French 3. Develop and express opinions, debate meaningful issues, read French language newspapers/magazines/stories, and watch French TV – all in French!

IB FRENCH 5 A/B HL - YEAR

Students must have successfully completed IB French 4. Interact with French speakers about a variety of topics. Increase your reading and writing skills and be able to discuss the importance of French as a global force.

JAPANESE 1 A/B - YEAR

Students will be able to use interpersonal, interpretive, presentational skills to communicate in real-life situations using Japanese with Japanese people, while developing critical thinking skills to explore Japanese culture.

JAPANESE 3 A/B – YEAR

Students must have successfully completed Japanese 2. Students will engage in conversations, interpret, present on a variety of topics in both written and spoken format. They will demonstrate an understanding of the practices/products/perspectives of Japanese culture.

IB JAPANESE 4 A/B SL - YEAR

Students must have successfully completed Japanese 3. Students will engage in oral and written activities; read, listen to, and view a variety of authentic texts; give informal and formal presentations. They will study culture via Japanese language sources and class discussions.

IB JAPANESE 5 A/B HL - YEAR

Students must have successfully completed IB Japanese 4. Students will interact with Japanese speakers on a variety of topics from the local to the international level. They will increase reading and writing skills and be able to discuss the importance of Japan in world affairs.

IB JAPANESE 6 A/B HL - YEAR

Students must have successfully completed IB Japanese 5. IB Japanese 6 continues the sequence of courses. The main focus in language acquisition, with special emphasis placed on developing an appreciation and understanding of Japanese literature.

SPANISH FOR HERITAGE SPEAKERS- YEAR

Students must speak fluent Spanish and speak Spanish at home with their families. Spanish for Heritage Speakers is a year-long course for students who have been exposed to Spanish at home and/or within their community from a young age. This year-long course supports, reinforces, and expands student knowledge of Spanish in multiple contexts, focusing on literary development (with a study of literature and composition). This course will also include culture and history of the variety of Spanish-speaking cultures. This class is taught exclusively in Spanish, this course is designed for heritage or native speakers only.

SPANISH 1 A/B - YEAR

This course is an intro to Spanish language and culture. Build communication skills through foundational grammar and vocabulary. Learn customs and lifestyles of various Spanish-speaking cultures and countries through music, food, art and current events. Grammar focuses on the present tense.

SPANISH 2 A/B - YEAR

Students must have successfully completed Spanish 1. Increase and strengthen communication skills by building on the foundational skills learned in Spanish 1. Read and write about familiar topics. Deepen understanding of customs and history of Spanish-speaking countries. Grammar focuses on the past tense.

SPANISH 3 A/B - YEAR

Students must have successfully completed Spanish 2. Express increasingly complex concepts verbally and in writing in authentic settings. Aim for more immediate understanding when listening to native rates of spoken Spanish. Increase ability to speak and write. Culture is interwoven. There is a focus on more advanced grammar and vocabulary to prepare students for the upper levels of Spanish.

IB SPANISH 4 A/B SL - YEAR

Students must have successfully completed Spanish 3. Maintain conversation with expanded vocabulary and fluency. Understand Spanish spoken at a normal pace. Express ideas in writing using complex structures. Listen to, view, read authentic materials from the Spanish-speaking world.

IB SPANISH 5 A/B HL - YEAR

Students must have successfully completed IB Spanish 4. Discuss a wide variety of topics from the local to the international level. Listen to, view, read authentic materials from the Spanish-speaking world. Research, write and present topics of international importance. Students will read two authentic novels in the target language. All communication is in Spanish.

IB SPANISH 6 A/B - YEAR

Students must have successfully completed IB Spanish 5. Students build vocabulary and develop written and oral fluency. Listen, view, read authentic materials from the Spanish-speaking world. Focus on preparing for the HL IB exam. Students will read two authentic novels in the target language. All communication is in Spanish.

Miscellaneous Elective Course Descriptions

LEADERSHIP - SEMESTER 1 and SEMESTER 2 (APPLICATION/INTERVIEW REQUIRED)

Student Government-cross credited for CTE credit. Election process required.

PROYECTO SABER – SEMESTER

Proyecto Saber provides a safe, productive and welcoming learning environment where students can receive the help they need to be successful in school and post-secondary planning. Proyecto offers cultural presentations, tutorial support for core academic classes and technical assistance. Proyecto provides a tutorial for students in all academic areas and grade levels. Students complete cultural projects and Latino agencies offer presentation and support.

TEACHER ASSISTANT - SEMESTER- .25 Credit

Student performs a valuable service within the schools in assisting staff. *See policies on page 4

LIBRARY ASSISTANT - SEMESTER- .25 Credit

As a Library Assistant, you will have a chance to work with the staff and be trained in basic office skills and delivering messages in the building. You will also learn basic library clerk skills of checking in and out books, shelving books, creating displays, and writing book reviews. You will also work with technology using AV equipment, assisting in setting up equipment and assisting users with their projects on the computers. You will need to be responsible, confidential, have reliable attendance, and have a positive and welcoming attitude while serving students and staff.

*See policies on page 4

OFFICE ASSISTANT - SEMESTER- .50 Credit

As an Office Assistant for Counseling, Attendance or Front Office, you will have a chance to work with the teachers, staff and parents of Ingraham High School. You will be trained in basic office skills and delivering messages in the building and need to be welcoming, positive, responsible, reliable, and confidential in a busy and fun place to work.

*See policies on page 4

Multilingual (MLL) Course Descriptions

ENGLISH FOR SOCIAL & INSTRUCTIONAL PURPOSES A- SEMESTER

New to the country students (newcomers) in grades 9-12. Students who have been in the US for less than 2 years and whose WIDA overall score is at entering or emerging level. Course is meant to provide English acquisition instruction, not connected to core content.

ENGLISH FOR SOCIAL & INSTRUCTIONAL PURPOSES B- SEMESTER

New to the country students (newcomers) in grades 9-12. Students who have been in the US for less than 2 years and whose WIDA overall score is at entering or emerging level. Course is meant to provide English acquisition instruction, not connected to core content.

ACADEMIC SEMINAR- SEMESTER

Multilingual students in grades 9-12 who may benefit from additional English support to be successful in core content courses.