

# Chief Sealth International High School



## Registration Guide & Course Descriptions 2016-2017

*Chief Sealth International High School  
fosters global awareness and academic success  
through a challenging and engaging curriculum  
in a safe and supportive environment.*

# CHIEF SEALTH INTERNATIONAL HIGH SCHOOL

## Registration Guide & Course Descriptions 2016-2017

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### CHIEF SEALTH INTERNATIONAL HIGH SCHOOL

2600 SW Thistle Street

Seattle, Washington 98126

Website: [www.seattleschools.org/schools/chiefsealth](http://www.seattleschools.org/schools/chiefsealth)

Main Office: (206) 252-8550 – Fax (206) 252-8551

Counseling Office: (206) 252-252-8567 – Fax (206) 252-8551

# REGISTRATION INFORMATION

## REGISTRATION PROCEDURE

Students pre-register in the spring for the following year. Courses requested by students help determine the master schedule.

Parents / Guardians:

Review your student's academic history and registration requirements to determine the appropriate courses for the student's academic plans. (See *Sample Academic Programs* on pages 5-6 as a guide. Page 4 outlines the *Graduation Requirements*).

Newly-admitted & late registering students must:

- verify admission with the Registrar.
- work out a class schedule with his/her counselor.

**Please note:** Classes will be offered based on staff availability and the number of students who request courses. Signing up for a course is not a guarantee of enrollment. If there is a course that Chief Sealth does not offer that you would like to have offered, please speak to your counselor or administrator.

## SCHEDULE CHANGES (TEN-DAY RULE)

Schedule changes must be completed BEFORE the end of the **tenth (10<sup>th</sup>) school day** of the first semester and before the end of the **fifth (5<sup>th</sup>) school day** of the second semester.

Changes are made ONLY for the following academic reasons:

- Error in course placement
- Attended alternative school or summer school program and completed the course ahead of time
- Running Start schedule

All other changes require administrative approval. All schedule change requests must be submitted in writing using the Course Change Request form found in the Counseling Office. Request forms must be signed by the student and their parent or guardian.

## DROPPING A COURSE

After the first ten (10) days of the semester, district policy states "a student may not drop a class unless there is extenuating circumstances. The dropped class cannot create a hole in the student's schedule." If the drop occurs during the first five (5) weeks of class, the course will be recorded as "W" (withdrawn) on the student's transcript. After the first five (5) weeks, it will record as "E" (no grade). No courses can be added after the **tenth (10<sup>th</sup>) school day** of the semester. Parent / Guardian signature is required to process a request for withdrawal.

## GRADING POLICY

Pass (P) and No-Pass (E) grades must be requested in writing during the first five (5) weeks of the semester. (Form available in the Counseling Office, on Chief Sealth's website). Only one (P) is allowed per semester. A (P) grade indicates the student has passed and earned credit for the course. An (E) grade indicates the student did NOT pass or earn credit for the course.

Letter grades are based on the following scale:

93 - 100%	A	73 - 76%	C
90 - 92%	A-	73 - 76%	C
87 - 89%	B+	70 - 72%	C-
83 - 86%	B	67 - 69%	D+
80 - 82%	B-	60 - 66%	D
77 - 79%	C+	59% and below	E

*Any deviation from the grading policy must be approved by the Principal and stated in teacher's course syllabus.*

## GRADE CHANGES

Grade changes are allowed only when

- A student received an "E." The teacher must submit a Grade Change form justifying the reason for the grade change.
- There is a teacher error in recording the grade

A course and grade were not recorded.

After receiving an “E” (with a comment that student’s work was satisfactory) the student has no more than five (5) weeks to complete the work. (Form available in the Counseling Office and on Chief Sealth’s website.)

All grade changes **must be submitted within five (5) school weeks after that grading period has ended.** The teacher will submit the grade change to the appropriate counselor who forwards the paperwork to the appropriate administrator, and then to the Registrar. The Registrar processes the grade change, and updates the student’s transcript.

## MAKING UP A FAILED REQUIRED COURSE & GRADE REPLACEMENT

To graduate, students must have a 2.0 cumulative GPA in core subjects: language arts, history, math, and science. If a student fails a required course, he / she must retake it and pass to graduate. Failed courses can be made up in online courses for a fee. See your counselor. Some Running Start courses can also qualify. Counselor approval is required before registering in any non-Chief Sealth course.

**Grade replacement** occurs when a student wants to improve the grade he / she received the first time the course was taken. When replacing a grade, the student is required to take the course over. The first grade remains on the transcript but is not computed in the GPA. The student does not receive double credit for the course.

## GRADUATION REQUIREMENTS

**ALL** students must meet the following requirements to graduate:

		Class of 2016-2017 +
<b>American Government</b>	<b>1 semester</b>	<b>0.5 credit</b>
<b>Fine Arts</b>	<b>2 semesters</b>	<b>1.0 credit</b>
<b>Health</b>	<b>1 semester</b>	<b>0.5 credit</b>
<b>Language Arts</b>	<b>6 semesters</b>	<b>4.0 credits</b>
<b>Mathematics</b>	<b>4 or 6 semesters</b>	<b>3.0 credits</b>
<b>Occupational Education</b> ( <i>Business, Tech, Family &amp; Consumer Science, Other Career &amp; Technical, and Music courses</i> )	<b>3 semesters</b>	<b>1.5 credits</b>
<b>Physical Education (Fitness)</b>	<b>3 semesters</b>	<b>1.5 credits</b>
<b>Science</b>	<b>4 semesters</b>	<b>2.0 credits</b>
<b>United States History</b>	<b>2 semesters</b>	<b>1.0 credit</b>
<b>World History</b>	<b>3 semesters</b>	<b>1.5 credits</b>
<b>Electives</b>	<b>10 semesters</b>	<b>5.0 credits</b>
<b>TOTAL</b>		<b>21.0 CREDITS</b>

### ADDITIONAL REQUIREMENTS:

- \* **Overall cumulative and core GPA of 2.00**  
*Core courses are language arts, math, science, and social studies.*
- \* **60 hours of Community Service Learning**
- \* **Washington State History (usually completed in 8th grade) seventh through 12th grade students who have completed and passed a state history / government course in another state may have the WA state history / government requirement waived by the principal. This requirement may also be fulfilled through an alternative learning experience approved by the principal.**
- \* **High School Plan** (started in 9<sup>th</sup>, maintained annually and recorded in 11<sup>th</sup> grade).
- \* **College Bound Students should take the following additional courses:**
  - 1.0 Language Arts (through 12<sup>th</sup> grade)
  - 2.0 World Languages (2 years of the same World Language; some colleges may require 3 years)
  - 1.0 Math (through Algebra 2)
  - 1.0 Science (Chemistry or Physics)

- \* See pages 8 – 9 for a list of courses that satisfy the specific graduation requirements listed in the above table.
- \* **HSPE / EOC / Smarter Balanced Tests:** All students must pass state these assessments in order to graduate

Subject	Classes of '15, '16, '17 & '18	Class of 2019
English Language Arts	Reading and Writing HSPE** -OR- ELA Exit Exam -OR- 11 <sup>th</sup> Grade Smarter Balanced ELA Test	11 <sup>th</sup> Grade Smarter Balanced ELA Test
Math	Algebra I EOC -OR- Geometry EOC -OR- 11 <sup>th</sup> Grade Smarter Balanced Math Test	11 <sup>th</sup> Grade Smarter Balanced Math Test
Science	Biology EOC	

from high school. Required exams are outlined below based on student's graduation year.

\*\*This applies only to students who have already passed the Reading and Writing HSPE. School year 2015/2016 and beyond will only have access to the Smarter Balanced ELA Test.

### THREE SAMPLE ACADEMIC PROGRAMS

Each **sample** program on the next three pages meets requirements for high school graduation. The three programs differ to meet different students' goals and plans. Each can be modified to meet specific student interests.

*Students who have not completed Washington State History in grades 7 or 8 must take and pass Washington State History.*

**PLAN I: Goal - Admission to the University of Washington / Washington State University and many public four-year institutions** - This plan **should** be acceptable to almost any public four-year institution. These colleges often require SAT or ACT test scores.

GRADE 9	GRADE 10	GRADE 11	GRADE 12
<b>1<sup>st</sup> Semester:</b>			
Language Arts 9A	Language Arts 10A	IB World Literature	IB World Literature
World History I	Contemporary World Problems or Global Leadership	IB History of the Americas	IB Hist 20 <sup>th</sup> Century Topics
Algebra 1A	Geometry A	Algebra2 A	IB Math Studies
Geometry	Algebra 2	IB Mathematics	IB Mathematics
Integrated Science 1A	Biology 1	Chemistry or IB Biology	Elective or IB Biology Part 2
World Language	World Language	World Lang / Elective	Elective / Fine Arts / IB Arts
Health	Personal Fitness	IB Visual Arts	Occupational Ed or IB Visual Arts
<b>2<sup>nd</sup> Semester:</b>			
Language Arts 9B	Language Arts 10B	IB World Literature	IB World Literature
World History II	Global Leadership	IB History of the Americas	IB Hist of Americas / 20 <sup>th</sup> Century
Algebra1B	Geometry B	Algebra2 B	IB Math
Integrated Science 1B	Biology 2	Chemistry	Fine Arts/Elective
World Language	World Language	World Language / Elective	Elective
Physical Fitness	Occupational Ed / Fine Arts / PE	IB Visual Arts	Occupational Ed / Fine Arts / IB Arts

#### **Additional Recommendations for Plan I:**

- Be sure to include electives in college core areas. These areas are science, math, language arts, and social studies.
- Electives for this plan could include Academy of Finance or Academy of Hospitality and Tourism courses.
- Some colleges require chemistry or physics.
- Take one year of computer applications.
- Start your college planning early. Identify colleges that might interest you and check their requirements. As a junior, plan to take PSAT and SAT I or ACT

**PLAN II: Goal - Plan for Admission to a Selective College** - This plan, along with a high grade point average, should be acceptable to almost any college in the United States. Some colleges are also interested in evidence of school and community activities. Some colleges also require high test scores on the SAT or ACT and may require SAT II achievement tests.

GRADE 9	GRADE 10	GRADE 11	GRADE 12
<b>1<sup>st</sup> Semester:</b>			

Language Arts 9AH	Language Arts 10AH	IB World Literature	IB World Literature
World History IH	Contemporary World Problems	IB History of the Americas	IB History of the Americas
Geometry AH	Algebra 2AH	IB Math	IB Math
Integrated Science	Biology / Chemistry	IB Biology / Chemistry	Physics / IB Biology HL
World Language 1 or 2	World Language 2 or 3	IB Spanish / Japanese / Chinese	IB Spanish / Japanese
Health	Personal Fitness	IB Art / IB Economics / IB Music	TOK / Photography / IB Art / IB Music
<b>2<sup>nd</sup> Semester:</b>			
Language Arts 9BH	Language Arts 10BH	IB World Literature	IB World Literature
World History IIH	Global Leadership	IB History of the Americas	IB History 20 <sup>th</sup> Century Topics
Geometry BH	Algebra 2BH	IB Math	IB Math
Integrated Science	Chemistry	IB Biology	IB Biology
World Language 1 or 2	World Language 2 or 3	IB Spanish / Japanese / Chinese	IB Spanish / Japanese
Physical Fitness	Personal Fitness	TOK / IB Art / IB Economics / Music	Occupational Ed / IB Art

#### **Additional Recommendations for Plan II:**

- Start college planning early. Identify schools that might interest you and check their requirements.
- As a junior, plan to take the PSAT and the SAT I or ACT and, if needed, plan which of the SAT II tests you will take and when you will take them.
- IB students who complete the requirements for a full IB diploma can waive state requirements for all but American Government, Washington State History, and the HSPE / EOC exams.

**PLAN III: Goal - High School Graduation and Admission to Community or Technical College** - This plan is acceptable for community college and technical college admission.

GRADE 9	GRADE 10	GRADE 11	GRADE 12
<b>1<sup>st</sup> Semester:</b>			
Language Arts 9A	Language Arts 10A	Language Arts 11A	Language Arts / Elective
World History I	World History III	US History 11A	Amer Govt / Elective
Math	Math	Math / Elective	Elective / Financial Planning
Integrated Science 1A	Biology	Science / Elective / ACE	Elective / Ethnic Foods / ACE
Physical Fitness	Personal Fitness	Elective / AOF / AOHT	Elective
Health	Occupational Ed / Fine Arts	Occupational Ed / Fine Arts	Occupational Ed / Fine Arts
<b>2<sup>nd</sup> Semester:</b>			
Language Arts 9B	Language Arts 10B	Language Arts 11B	Language Arts / Elective
World History II	Elective	US History 11B	Elective / Amer Govt
Math	Math	Math / Elective	Elective / International Finance
Integrated Science 1B	Biology	Science / Elective / ACE	Elective / ACE
Physical Fitness	Occupational Ed / Fine Arts	Elective / AOF / AOHT	Elective
Elective	Personal Fitness	Occupational Ed / Fine Arts	Fine Arts / Occupational Ed

#### **Additional Recommendations for Plan III:**

- Continue to carry a strong academic program throughout the senior year.
- Take four years of language arts.
- Consider taking one or more IB courses to gain experience with college-level skills.
- Take as much math, science, art, and / or world language as possible, depending on interest and plans.
- Take one year of computing courses (Computer Applications, Web Design, Intro to Computer Science/programming)
- Electives for this plan could include Academy of Finance or Academy of Hospitality and Tourism courses, ACE, or other occupational education courses.
- Start college planning early. Identify schools that might interest you and check their requirements.
- As a junior, plan to take the PSAT and the SAT I or ACT and, if needed, plan which of the SAT II tests you will take and when you will take them.



## ACADEMIC HONORS & PROGRAMS

The senior with the highest academic achievement is honored at commencement as Class **Valedictorian**. The student with the second highest academic achievement is honored at commencement as the Class **Salutatorian**.

Seniors are also honored for their academic achievement by the awarding of **Double Gold** and **Single Gold** honor cords worn at the commencement ceremony.

### For all Academic Honors, students must

1. Be a full-time student at Chief Sealth by enrolling in six (6) classes each semester in the 9th, 10th, 11th grades and 3<sup>rd</sup> quarter of 12th grade (through end of Winter Quarter for Running Start students).
2. Be a student in good standing.
3. Spend a minimum of one semester attending classes on Chief Sealth's campus.

**Important Note:** Grade changes or grade replacements must be submitted within six (6) school weeks after the grading period has ended. No retroactive grade changes will be allowed.

### VALEDICTORIAN

Eligibility for **Valedictorian** is as follows:

1. **Earn the highest grade point average in the graduating class.**
2. Have no "E" grades.
3. No "P" grades allowed except for Driver's Ed.

### SALUTATORIAN

Eligibility for **Salutatorian** is as follows:

1. **Earn the highest grade point average in the graduating class.**
2. Have no "E" grades.
3. No "P" grades allowed except for Driver's Ed.

### DOUBLE GOLD CORD

For **Double Gold Cord** eligibility, a student must

1. **Earn a 3.5 or better cumulative grade point average in each of the above semesters.**
2. Have no "E" grades.

3. Two (2) "P" grades allowed (includes Driver's Ed and/or TA grades)
4. Physical Education (PE) Waivers are allowed.

### SINGLE GOLD CORD

For **Single Gold Cord** eligibility, a student must

1. **Earn a 3.2 – 3.49 cumulative grade point average through the end of the terms listed above.**
2. Have no "E" grades.
3. "P" grades allowed (includes Driver's Ed and/or TA grades)
4. Physical Education (PE) Waivers are allowed.

### ADVANCED LEARNING OPPORTUNITIES

For students who aspire to achieve the highest academic level, Chief Sealth International High School offers options at all grade levels.

Freshmen and sophomores have the option of earning honors designation in Language Arts, Social Studies and Science classes. This designation involves academic work that is rigorous and requires application in higher-level thinking skills above and beyond the standard level of content acquisition. Rigor is defined as complex, provocative and personally or emotionally challenging material. Students who earn honors exhibit superior performance in all of these aspects. They typically are students who demonstrate curiosity and intellectual interest and have a high level of intrinsic motivation. These students strive to produce work that exemplifies the highest quality of performance and they engage themselves fully in the learning experience.

All freshman and sophomore classes (honors and non-honors) are taught in a blended format in the same classroom. Teachers use differentiated instruction to meet the needs of all types of student learning styles and abilities. At Chief Sealth students learn best when they make connections between their own diverse interests and experiences and the curriculum. The greatest learning occurs when students are pushed just past the point where they can work without assistance. That point varies for different students, whether below, at, or above grade level. All students engage with topics within the classroom by developing specific thinking and reasoning skills sometimes referred to as "Habits of Mind". Students who choose to pursue the honors designation engage with the Habits of Mind at a deeper, more rigorous level than the average student.

Since both the honors and the non-honors students are in the same classroom, it is important to note how the honors

student differs from the non-honors student. Generally, the honors students are (and their teachers will expect them to be):

- Committed to learning and curious about a wide variety of topics and issues
- Lifelong learners and able to take access information from various sources as needed
- Confident they can do the work, even if they are uneasy at first about a class, an assignment, or a teacher
- Willing to do the work, even if it is challenging or involves a commitment of time beyond the norm
- Willing to communicate their needs and seek help as needed
- Willing to acknowledge and take risks and to tolerate others as they challenge themselves in risky situations
- Willing to accept and respond to constructive criticism
- Willing to use and to develop further their skills at collaboration
- Content to find a place in a community of learners, working with and for others
- Critical thinkers, eager to ask questions and listen to others
- Eager to make connections among topics in their classes, world, and personal lives, to see the big picture of education and life
- Creative, enjoying the new patterns that emerge from old ideas

At the 11<sup>th</sup> and 12<sup>th</sup> grades, students continue to be challenged through enrollment in International Baccalaureate (IB) classes. There are IB classes offered in Language Arts, Mathematics, Science, Social Studies, Music, Art, Japanese, Spanish, Chinese, Economics, and Psychology. Students can enroll in the IB classes of their choice. Every 11<sup>th</sup> and 12<sup>th</sup> grader at Sealth will be enrolled in IB Language and Literature either at the standard level (SL) or the highest level (HL) - rigorous courses that encourage students to question the meaning generated by language and texts. Using both literary and non-literary texts, students work to understand how a wider cultural context can shape meaning. Students may take the IB exam in May of their senior year and, depending on their score, can earn college credit.

## **INTERNATIONAL BACCALAUREATE (IB) DIPLOMA**

### **Diploma Program (DP)**

This rigorous academic course of study is offered to students during their junior and senior years of high school. The DP curriculum is made up of six IB subject groups and the core: theory of knowledge (TOK), creativity, activity and service (CAS, 150 hours), and an extended essay. Open to

any student, the DP is widely accepted at four-year universities in Washington State and around the world. Colleges and universities may waive undergraduate credits depending on the examination scores the student achieves.

### **Certificate**

Juniors and seniors at Chief Sealth International may opt to take any of the core IB courses (except TOK) and the accompanying exams in May to earn an IB certificate along with their Sealth diploma. The IB Coordinator will have more information on this path.

### **Career-related program (CP)**

This challenging career-oriented course is offered to students during their junior and senior years of high school. The CP curriculum is flexible and prepares students to enter either employment or study in higher education. The CP curriculum includes two IB subject groups and the core: Personal and Professional Skills Course (PPS), community and service (50 hours), language development (50 hours minimum), and a reflective project (40 hours in and out of class). A career academy is also attached to this program. Colleges and universities may waive undergraduate credits depending on the scores the student achieves in the examinations.

## **RUNNING START PROGRAM**

The Running Start Program at all the community colleges provide juniors and seniors with at least 10 high school credits the opportunity to enroll in college level courses. Students can earn both high school and college credits. Tuition is free at Seattle community colleges. Students are responsible for purchasing their own books, paying lab costs, and providing their own transportation to the campus. To qualify, students take the Compass assessment test (the test is offered regularly at each community college.) Successful test results and a Running Start application must be submitted to the student's counselor. They will guide course selection that will satisfy Chief Sealth's graduation requirements. The Compass test and registration should be completed by mid-May.

**NOTE:** Seniors may use Running Start grades / credits earned through winter quarter to determine eligibility to walk at commencement ceremonies in June.

## **SPANISH IMMERSION PROGRAM**

The Spanish Immersion Program is a continuation of the dual language/immersion programs at Concord International School and Denny International Middle School. The students enrolled in this program will take two courses taught in Spanish each year. Students who wish to



enroll in this program, but were not part of the elementary and middle school immersion programs, must demonstrate a high level of Spanish language proficiency.

Some of the benefits of the Spanish Immersion Program include:

1. Immersion students achieve high proficiency in Spanish.
2. Research shows that biliterate students develop greater cognitive flexibility than monolingual students (memory, problem-solving skills, attention control, etc.).
3. Immersion students develop high levels of cultural competency.
4. Immersion students will likely earn the Washington State Seal of Biliteracy on their high school diploma.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Spanish Language	AP Spanish Language	Spanish Immersion 2A (1 semester)	IB Spanish 5	To be determined
Social Studies (in Spanish)	World History 1/2	Global Leadership (1 semester)	IB History of the Americas	IB 20 <sup>th</sup> Century World History

### SEATTLE VOCATIONAL INSTITUTE (SVI)

SVI, a division of the Seattle Community College District, is located at 21<sup>st</sup> and South Jackson. Like Running Start, SVI offers juniors and seniors the opportunity to pursue vocational training in a number of areas. General areas of study include medical assistant, dental assistant, medical administrative specialist, cosmetology, computer based accounting, administrative office professional, network technician, and pre-apprenticeship in construction trades. These programs are most appropriate for students who have an idea of the specific trade that they want to enter. Students will receive instruction in the skills specific to that vocation. The deadlines for application are similar to those of the Running Start program. Visit the College and Career Center for brochures and, if interested, discuss the program with your counselor.

### INDIVIDUAL EDUCATION PROGRAMS (IEP)

Students assessed as being eligible for Special Education services are offered a supportive program at Chief Sealth International High School. With an Individual Education Plan (IEP), each qualified student will receive specially designed instruction to succeed both academically as well as socially.

Our program offers a modified curriculum in a smaller structured classroom, accommodations in the General Education setting with specifically-designed instruction as well as life skills, and opportunities for vocational programs. Decisions regarding educational programming for students are made as a team. We offer a comprehensive continuum of services. Please contact Andra Maughan if you have any questions regarding services.

### TEACHER ASSISTANTS / TUTORS FOR TEACHERS / OFFICE ASSISTANTS

Students may apply to be assistants or tutors for teachers and earn .25 credits per semester. Students can help in the Main Office and earn .50 credits. A student may count a maximum of 2.0 TA / Tutor credits toward graduation electives. Ninth graders cannot be TAs or tutors.

### PHYSICAL EDUCATION WAIVERS

State guidelines give principals authority and responsibility regarding PE waivers. Only one waiver per semester can be granted and *waivers are not guaranteed*. Forms must be completed and returned to the assigned administrator no later than ONE MONTH after the end of the semester in which the waiver is requested. Allowable reasons to waive PE are physical disability, religious beliefs, directed athletics (current season only) and completion of full IB diploma. (Form available in the Counseling Office and on Chief Sealth's website.)

### NCAA REQUIREMENTS

Student athletes who wish to participate in an athletic program at NCAA Division I or II institutions should start their certification process by the end of their junior year or early in their senior year. All prospective student athletes intending to enroll in an NCAA Division I or II institution for the first time on or after August 1, 2007, must complete the NCAA Amateurism Certification questionnaire. The NCAA has adopted new legislation that will require prospects that intend to enroll at NCAA Division I and Division II institutions to supply ACT or SAT scores to the Clearinghouse directly from the testing agencies. Additional information and the NCAA booklet, "Making Sure You are Eligible to Participate in College Sports" and a "Student Release Form" may be obtained on the NCAA website, <http://www.ncaa.org> or by calling the NCAA Clearinghouse at (877) 262-1492. Some online courses are not accepted by NCAA. See your counselor for details.

# THESE COURSES WILL SATISFY SUBJECT AREA GRADUATION REQUIREMENTS:

## American Government

IB History of the Americas (2<sup>nd</sup> semester)

## Fine Art

Ceramics  
Choir  
Digital Photography  
Drawing and Painting  
Graphic Arts  
IB Art  
Theater

Marching Band  
Piano  
Steel Drums  
String Ensemble  
Mariachi  
Jazz Band

## Health

Health  
Family Health

## Math

Financial Algebra  
Collection of Evidence (Algebra and Geometry)

## Occupational Education

Annual / Yearbook  
Athletic Training  
Business Economics  
Customer Service  
General Psychology  
IB Psychology  
Entrepreneurship  
Exploring Hospitality  
Event Planning  
Family Health  
Financial Planning  
Web Design  
Intro to Computer Applications

Independent Living  
Leadership  
Marketing  
Principles of Finance  
Sports Medicine 1,2,3  
Woodshop 1,2  
World of Finance  
Family Health  
Financial Planning  
Food Nutrition  
Career Choices  
Intro to Programming/Computer Science  
Financial Algebra

## World History 3

Contemporary World Problems  
Global Leadership

## Washington State History

US History 11B

# CHIEF SEALTH COURSE DESCRIPTIONS LISTED BY DEPARTMENT



## SOCIAL STUDIES / HISTORY DEPARTMENT

### GRADUATION REQUIREMENTS:

- 9<sup>th</sup> Grade (one year) – World History I/II
- 10<sup>th</sup> Grade (one semester) – Contemporary World Problems or Global Leadership
- 11<sup>th</sup> Grade (one year) US History 11A/11B or IB History of the Americas
- 12<sup>th</sup> Grade (one semester) – American Government or IB 20<sup>th</sup> Century World History (continuation of the 2 year IB history course)
- Completion of Washington State History or equivalent

### WASHINGTON STATE HISTORY

Students who have not satisfied the state requirement in Washington State History in middle school can satisfy this requirement in US History in 11<sup>th</sup> grade (see below).

#### WORLD HISTORY I, II– (Honors option available)

Credits: 0.5 credit/semester

Grade(s): 9

Length of Course: One Year

Prerequisite: WHI/WHII

Graduation Requirement Satisfied: World History I, II

**Note: A special section of World History I/II will be offered in the Spanish Language, which is part of the Spanish Immersion Sequence. Teacher approval is required for this section.**

This class explores the roots of the modern world. The world today is a complex, and quickly changing place. To understand it and be prepared to function in it, we must learn the history of it. We begin by looking at the global convergence that begins around 1450 and is symbolized by the journey of Christopher Columbus. We explore major turning points in human history throughout the next 450 years. The second semester is devoted to understanding the history of the world in the 20<sup>th</sup> Century from 1900-2000, providing a broad context for students' study of contemporary world problems in the sophomore year. This class has a special focus on literacy: reading of complex texts and writing arguments and explanations. This is a

“blended honors” class, which builds an inclusive environment with both honors and non-honors students in the same classroom. Each teacher provides specific direction for the requirements needed to meet the honors distinction.

#### GLOBAL LEADERSHIP 1

Credits: 0.5 credit

Grade(s): 10, 11, 12

Length of Course: One Semester

Prerequisite: None

Graduation Requirement Satisfied: World History 3; Social Studies elective

**Note: A special section of Global Leadership will be offered in the Spanish Language, which is part of the Spanish Immersion Sequence. Teacher approval is required for this section.**

In Global Leadership 1, students examine the social and environmental impacts of complex, interconnected global issues, such as water scarcity, climate change, access to education, and food security. Throughout the semester, students engage in research, discussions, debates, role-plays, and collaborative action projects. A key component of the course is a monthly visit to a partner elementary school during which class members teach lessons to fourth and fifth grade students based on what they learn in the class. This course uses a student-centered curriculum that focuses on the development of students' leadership skills. Weekly class meetings are held for students to discuss and amend class policies, resolve conflict, and address other issues among each other that affect the group. An emphasis is placed on team building early in the semester to help students improve their communication skills.

#### CONTEMPORARY WORLD PROBLEMS (CWP)

Credits: 0.5 credit

Grade(s): 10

Length of Course: One Semester

Prerequisite: World History I, II

Graduation Requirement Satisfied: World History 3

Interactions among societies and between humans and nature present issues that affect all of humanity. This semester-long course introduces students to some of the most challenging issues facing the world today. Students will explore global economic systems, human rights, global health, environmental problems, and the role of the United States and the United Nations in a changing world, among other topics. Students will examine evidence from a variety of perspectives and engage in peer discussions to evaluate problems, form opinions, and propose solutions on matters that affect our world. Students can expect a variety of instructional approaches, including the use of various types of texts, primary and secondary source documents, 21st century technologies, collaborative projects, and class

discussion with an emphasis on writing and critical thinking, independently and in groups.

**US HISTORY 11A, 11B**

**Credits:** 0.5 credit / semester

**Grade(s):** 11

**Length of Course:** One Year

**Prerequisite:** None

**Graduation Requirement Satisfied:** US History

**Note: A special section of US History will be offered in the Spanish Language, which is part of the Spanish Immersion Sequence and will include some Latin American history content. Teacher approval is required for this section.**

**Note: All sections of US History will incorporate Washington State History to satisfy the State requirement for students who did not satisfy this requirement in middle school.**

This course is a survey of US History from its beginning to the present. Teachers have considerable flexibility to teach this course in a number of ways. Some choose to cover historical periods in a chronological fashion from a critical look at the early colonies to the treatment of Native people. The founding documents in American history include the Constitution, Bill of Rights, the Westward expansion, Civil War, and industrialization. Some teachers exercise a thematic approach to US history using essential questions to explore themes that occur throughout US history like immigration, civil rights, economics, and the treatment/protection of the environment. In all cases, students read diverse texts, create presentations, practice discussion skills and use evidence to write persuasive and argumentative essays.

**HISTORY OF THE AMERICAS – INTERNATIONAL BACCALAUREATE (IB)**

**Credits:** 0.5 credit / semester

**Grade(s):** 11

**Length of Course:** One Year

**Prerequisite:** None, Reading at 11<sup>th</sup> grade level suggested

**Graduation Requirement Satisfied:** Social Studies

In the first year of the two-year IB history course, students investigate major themes in the history of all of the Americas (North America, the Caribbean, and Central/South America). Units will include topics such as European conquests, independence movements, the U.S. Civil War, and the Mexican Revolution. This course focuses on reading challenging texts, and building historical knowledge that is used in “on-the-spot” essay writing. Students can also expect to build skills in propelling class dialogue through role-plays, Socratic Seminars, and teamwork. A major independent research project is required and is credited toward the overall IB exam score. To qualify for the IB exam, students must also take a second year in IB 20<sup>th</sup> Century Topics.

**Note: A special section of History of the Americas will be offered in the Spanish Language, which is part of the Spanish Immersion Sequence and will include Latin American History content. Units will include topics such as political developments, The Cold War, and Civil Rights movements. To qualify for the IB exam, students must also take a second year in IB 20<sup>th</sup> Century Topics.**

**20<sup>th</sup> CENTURY WORLD HISTORY – INTERNATIONAL BACCALAUREATE (IB)**

**Credits:** 0.5 credit/semester

**Grade(s):** 12

**Length of Course:** One Year

**Prerequisite:** IB History of the Americas

**Graduation Requirements Satisfied:** The combination of IB History of the Americas and IB 20<sup>th</sup> Century World History satisfies the American Government requirement.

In this second year of the two-year Higher Level (HL) IB History course, students will investigate major themes in the 20<sup>th</sup> Century from a variety of perspectives. Units will include Rights and Protests, the Cold War, and the rise of single party leaders such as Stalin in Russia, Mao in China, and Porfirio Diaz in Mexico. Students can also expect to build skills in propelling class dialogue through role-plays, Socratic Seminars and teamwork. This course also spends considerable attention on analyzing documents and acquiring in-depth historical knowledge to write “on-the-spot” college-level history essays. All students are expected to prepare for the IB exams, which are offered in May. Completion of the two-year IB history course satisfies the State’s American Government graduation requirement.

**AMERICAN GOVERNMENT**

**Credits:** 0.5 credit

**Grade(s):** 12

**Length of Course:** One Semester

**Prerequisite:** None

**Graduation Requirement Satisfied:** American Govt.

In American Government, students learn about the American governmental system, including the judicial, legislative, and executive branches. They develop the knowledge and understanding necessary to make informed decisions in their everyday lives. Students learn about their constitutional rights in different situations, including being stopped by the police. They learn about the election process and about voting rights throughout history and in the present day. Students will be asked to demonstrate skills in reading/writing, research, discussion, debate, mock trial, and simulations. It is a requirement of the course that students pass a citizenship test.

**PSYCHOLOGY SL – INTERNATIONAL BACCALAUREATE (IB)**

**Credits:** 0.5 credit/semester

**Grade(s):** 11, 12

**Length of Course:** One Year

**Prerequisite:** None

**Graduation Requirement Satisfied:** Community and Technical Education/Occupational Education (CTE/Occ Ed), or Social Studies

Elective

Offered at the Standard Level (SL), IB Psychology offers students a broad understanding of psychology through multiple levels of analysis. The course guides students through the study of human behavior by exploring key topics from four district levels of analysis; socio-cultural, cognitive, biological and abnormal behavior. Students will also study research design, methods, statistics, ethical issue in psychological research and application. This in-depth learning opportunity will have you asking more questions about human behavior, and provide a deeper understanding of yourself. Students will learn how to design a research study and prepare for the rigorous IB exam. This course provides Occ. Ed credit and/or social studies elective credit. Students may also elect to take the course for both IB credit and UW in the High Schools college credit. The UW college credit is not dependent on test scores but grade earned and will transfer to any college/university of choice for a fee. No prerequisite. Best to take General Psychology in 10<sup>th</sup> if possible.

**PSYCHOLOGY HL – INTERNATIONAL BACCALAUREATE (IB)**

**Credits:** 0.5 credit/semester

**Grade(s):** 12

**Length of Course:** One Year

**Prerequisite:** IB Psychology SL

**Graduation Requirement Satisfied:** Community and Technical Education/Occupational Education (CTE/Occ Ed), or Social Studies Elective

IB Psychology HL is the second course in the two-year Psychology IB offering. A brief review of the first-year levels of analysis is included. Students will have the opportunity to design their own psychological experiments. They will explore the world of human relationships in-depth through qualitative psychological research and methodology. This course provides Occ. Ed credit and/or social studies elective credit. Student may also elect to take the course for both IB credit with the exam and UW in the High Schools college credit. The UW college credit is not dependent on test scores but grade obtainment in the course and will transfer to any college/university for a fee. Students will be expected to take the HL IB Psychology exam at the end of the year. Prerequisite: IB Psychology SL.

**GENERAL PSYCHOLOGY**

**Credits:** 0.5 credits

**Grade(s):** 10, 11, 12

**Length of Course:** One Semester

**Prerequisite:** None

**Graduation Requirement Satisfied:** Community and Technical Education/Occupational Education (CTE/Occ Ed), or Social Studies Elective

This is a broad survey of the basics of psychology including major theorist such as Freud, Jung, Maslow, and Skinner. Psychology is the scientific study of human behavior which includes examining motivation, social groups and norms, biological drives and questions what is “normal”. Learning about yourself and others will help you navigate all human relationships and important for all occupations. Come and see what you have been missing.

**THEORY OF KNOWLEDGE – INTERNATIONAL BACCALAUREATE (IB)**

**Credits:** 1.0 credit

**Grade(s):** 11, 12

**Length of Course:** Second semester of 11<sup>th</sup> and first semester of 12<sup>th</sup> grade; 7<sup>th</sup> period only.

**Prerequisite:** None

**Graduation Requirement Satisfied:** Elective

Theory of Knowledge (TOK) is a course about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. It is a course that all IB Diploma students around the world undertake. The TOK course examines how we know what we claim to know. It does this by encouraging students to analyze knowledge claims (assertions that we know X or know how to do Y) and explore knowledge questions (open questions about knowledge). In TOK, students discuss a wide range of topics from classical philosophy to controversial contemporary issues.



## LANGUAGE ARTS DEPARTMENT

### GRADUATION REQUIREMENTS:

- *Class of 2015 & 2016 - 3 credits (6 semesters) of Language Arts*  
*Class of 2016 & beyond - 4 credits (8 semesters) of Language Arts*

In Language Arts classes, 9<sup>th</sup>-12<sup>th</sup> grade, students read literature from a variety of genres, to include, short stories, novel, drama, poetry, and nonfiction. They will complete writing in a variety of modes, including narrative, expository, and persuasive. Public speaking and performance is a component of all classes.

Because class discussion is a part of all Language Arts classes, absences **will** affect students' grades.

Students are invited to step up to the challenge of an honors class in ninth or tenth grade. Additionally, IB courses are available at both the 11<sup>th</sup> and 12<sup>th</sup> grade levels. The expectation for honors classes is that students read and write at or above grade level. Tutorial help is available. Students are expected to keep up with class work and reading assignments to be prepared for regular class discussions.

#### LANGUAGE ARTS 9A, 9B – Intro. to Literature and Composition

**Credits:** 0.5 credit / semester

**Grade(s):** 9

**Length of Course:** Two Semesters

**Prerequisite:** Honors students must read and write at or above grade level as determined by MAP, HSPE, or other standardized assessment.

**Graduation Requirement Satisfied:** Lang Arts 9A, B

Students are introduced to literary genres, literary terms, and analysis of literature. Students read at least two major works each semester as well as reading independently. Reading charts, graphs, indexes, and tables of contents are emphasized. Writing emphasizes the personal narrative and the multi-paragraph essay. Honors students will read at least three major works each semester. The reading and writing will be at a more advanced level and may include works that require reading above grade level.

#### LANGUAGE ARTS 10A, 10B – World Literature and Composition

**Credits:** 0.5 credit / semester

**Grade(s):** 10

**Prerequisite:** Honors students must read and write at or above grade level as determined by MAP, HSPE or other standardized assessment.

**Graduation Requirement Satisfied:** Lang Arts 10 A, B

Reading will include plays, novels, and poetry from around the world. Writing will emphasize the persuasive and expository genres. There is extended emphasis on using literary terms to discuss and analyze literature. Speaking and participation in class discussions and presentations is a part of class. Students read at least two major works each semester in addition to independent reading. Honors students will read at least three major works each semester. The reading and writing will be at a more advanced level, and may include works that require reading above grade level.

#### INTERNATIONAL BACCALAUREATE ENGLISH, LANGUAGE AND LITERATURE

**Credits:** 0.5 credit / semester

**Grade(s):** 11, 12

**Prerequisite:** None

**Graduation Requirement Satisfied:** Lang Arts 11A, B, 12A, B

A two-year course, these 11<sup>th</sup> and 12<sup>th</sup> grade IB classes present a rigorous exploration of language as it is used in literature, film, journalism, propaganda, new media and more. 11<sup>th</sup> Grade IB consists of *Language and Mass Communication* and *Literature: Critical Study* 12 Grade semesters include *Language and Culture* and *Literature: Texts and Contexts*. Each semester includes oral presentations as well as essays. Students read, discuss and write about novels, plays and poetry chosen by the teachers. Students are assessed on oral activities, essays, creative writing and formal speaking. In addition to receiving a grade from Sealth teachers, students are assessed by the International Baccalaureate. Each year, 11<sup>th</sup> and 12<sup>th</sup> grade, features a semester emphasizing media, culture and non-print text. Reading is done at home, not in class. Works studied are written at or above grade level, and there is little or no free-choice reading. Students will develop strong writing, oral, and reading skills. In addition, they will grow to appreciate the beauty and complexity of the English language. The teacher, the student's peers, and the International Baccalaureate Organization will evaluate student's work. This exciting class may be taken as a stand-alone or as part of the IB Diploma Program.

**Academic Reading****Credits:** 0.5 credit / semester**Grade(s):** 9, 10, 11, 12**Length of Course:** Two Semesters**Prerequisite:** Permission from Dean of Students / Teacher  
Recommendation**Graduation Requirement Satisfied:** LA 10B or 11B

This class is designed to improve a student's current reading ability. READ 180 uses materials specifically designed to improve a student's reading and writing skills. READ 180 uses pre-selected texts at a variety of reading levels and interests, computer-based activities to improve spelling, vocabulary, and fluency, as well as small and large group activities to develop text analysis and writing techniques. The course is a year-long class, although students who score well on the SRI retake at the semester may transition out of the class.



## MATHEMATICS DEPARTMENT

### GRADUATION REQUIREMENTS:

- 3 credits (6 semesters) of Math including Algebra 2 or equivalent

### INITIAL NINTH GRADE PLACEMENTS:

Entering ninth graders are initially placed in mathematics courses according to recommendations of their eighth grade math teachers. Other factors considered include standardized test scores, grades received in previous math courses, and grade point average. Diagnostic testing may be used to determine correct math course placement.

**CSIHS – Mathematics Pathways: See Page. 15**

#### ALGEBRA 1A, 1B

**Credits:** 0.5 credit / semester

**Grade(s):** 9, 10, 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** None

**Graduation Requirement Satisfied:** Math

Algebra 1 students, through technology related and paper and pencil problem solving tools, will understand algebraic concepts, learn and practice essential algebraic skills, and apply algebraic thinking. Topics covered include, graphing, data exploration, proportional reasoning and variation, functions, linear equations, fitting a line to data, exponents and exponential models, systems of equations and inequalities, and quadratics.

#### GEOMETRY A, B

**Credits:** 0.5 credit / semester

**Grade(s):** 9, 10, 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** Algebra 1, Teacher Recommendation

**Graduation Requirement Satisfied:** Math

Geometry is a year-long course where students explore geometric relationships with a variety of tools, including patty paper, compasses, graphing calculators and computers. Topics covered include reasoning, using diagrams to solve problems, using tools of geometry, discovering and proving triangle properties, polygons, transformations and tessellations, circles, area, the Pythagorean Theorem, volume, similarity, and

trigonometry. The honors course covers all topics with greater rigor.

#### ALGEBRA 2A, 2B

**Credits:** 0.5 credit / semester

**Grade(s):** 9, 10, 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** Geometry

**Graduation Requirement Satisfied:** Math

Students build on the topics and problem solving techniques from Algebra 1 and Geometry. Topics covered include problem solving, describing data, sequences, linear models and systems, functions, relations and transformations, exponential, power, and logarithmic functions, matrices, quadratic and other polynomial functions, arithmetic and geometric sequences, rational functions, probability, statistics, and trigonometry. The honors course covers all topics with greater rigor.

#### STATISTICS A / B

**Credits:** 0.5 credit / semester

**Grade(s):** 12

**Length of Course:** Two Semesters

**Prerequisite:** Algebra 2

**Graduation Requirement Satisfied:** Math

Students will deepen their understanding of the topics in data analysis, including permutations and combinations, probability and frequency distributions, measures of central tendency and dispersion, sampling distributions, and hypothesis testing. The course is recommended for students who plan to enter fields such as economics, business, psychology, sociology, health sciences, or physical sciences.

#### FINANCIAL ALGEBRA

**Credits:** 0.5 credit / semester

**Grade(s):** 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** Algebra 1, Geometry

**Graduation Requirement Satisfied:** Math, Occupational Ed

Financial Algebra is designed as a full-year course following Algebra 1 and Geometry. This algebra-based CTE course features real-world algebra concepts found in banking, credit/loans, insurance, investments/ retirement planning, personal income taxes and budgeting. Students achieve success in this applications-based learning approach by focusing their algebraic skills in a financial context. Step-by-step strategies help students calculate complex formulas on calculators and in spreadsheets. A heavy conceptual emphasis is placed on understanding how the world of finance functions to develop personal financial management skills.



# CSIHS – Mathematics Pathways

## Pathway A

8 <sup>th</sup>		9 <sup>th</sup>		10 <sup>th</sup>		11 <sup>th</sup>		12 <sup>th</sup>
8 <sup>th</sup> Grade Math	Algebra 1 (!)		Geometry (!)		Algebra 2 (!)		IB Studies SL (#)	
	Algebra 1 (!)		(% , *) Geometry and Algebra 2 (!)		IB SL A/B		IB SL C/D	

## Pathway B

8 <sup>th</sup>		9 <sup>th</sup>		10 <sup>th</sup>		11 <sup>th</sup>		12 <sup>th</sup>
Algebra 1	Geometry (!)		Algebra 2 (!)		IB SL A/B		IB SL C/D	
	(% , *) Geometry and Algebra 2 (!)		IB SL A/B		IB SL C/D		IB HL E/F	

## Pathway C

8 <sup>th</sup>		9 <sup>th</sup>		10 <sup>th</sup>		11 <sup>th</sup>		12 <sup>th</sup>
Geometry	Algebra 2 (!)		IB SL A/B		IB SL C/D		IB HL E/F	

(!) – Honors designation is self-selected by students with teacher recommendation

(\*) – Teacher recommendation required for taking concurrent math classes

(#) – or Probability/Statistics or Financial Algebra or Bridge to College Math

(%) – concurrent classes are two separate classes during the day

**Bridge to College Math:** Those students who take this course, and earn a B or better, will be exempt from taking the placement test and will go right into a college credit math course. It is designed for those students who took Algebra 2 and did not do well.

**Financial Algebra:** This course can replace an Algebra 2 credit. It does not count as a 4<sup>th</sup> year of math.

### BRIDGE TO COLLEGE MATH A/B

**Credits:** 0.5 credit / semester

**Grade:** 12

**Length of Course:** Two Semesters

**Prerequisite:** Algebra 2

**Graduation Requirement Satisfied:** Math

This course is designed for Seniors who have taken Algebra 2, and did not do well. For students who take this course and earn a B or better, they will be exempt from taking a college math placement test and will go directly into a college credit math course.

### IB MATHEMATICS STANDARD LEVEL A/B

**Credits:** 0.5 credit / semester

**Grade(s):** 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** Algebra 2

**Graduation Requirement Satisfied:** Math

This course caters for students who already possess knowledge of basic mathematical concepts, and who are equipped with the skills needed to apply simple mathematical techniques correctly. The majority of these students will expect to need a sound mathematical background as they prepare for future studies in subjects such as chemistry, economics, psychology and business administration. In IB Mathematics SL A/B students use functions as a mathematical basis to study real world phenomena, such as determining the distance between two planets as the angle of the Sun varies, or finding rates of exponential change in bacteria growth, or calculating average velocity. Major topics are the in depth study and writing of rational, logarithmic, exponential, polynomial, and power functions. Students develop mathematical models of periodic functions and right triangle problems. Students explore trigonometric and circular functions that include trigonometric function properties including their identities, with the use of parametric functions. The

properties of combined sinusoids and three-dimensional vectors are also addressed. At Chief Sealth, IB Math SL A/B is the first year of the IB Math pathway. It is the prerequisite course for IB Math SL C/D. A senior taking IB Math SL A/B, and doing well, should place nicely into a college credit math course.

**IB MATHEMATICS STANDARD LEVEL C/D**  
**Credits:** 0.5 credit / semester  
**Grade(s):** 11, 12  
**Length of Course:** Two Semesters  
**Prerequisite:** IB Math SL A/B  
**Graduation Requirement Satisfied:** Math

This course is a continuation of IB Mathematics SL A/B. Major topics are the study of vectors, differential and integral calculus, and statistics and probability. During IB Math SL C/D students will complete their internally assessed component which is 20% of the course. The internally assessed component, the exploration, offers students the opportunity for developing independence in their mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. The exploration is internally assessed by the teacher and externally moderated by the IBO.

**IB MATH STUDIES STANDARD LEVEL**  
**Credits:** 0.5 credit / semester  
**Grade(s):** 11 or 12  
**Length of Course:** Two Semesters  
**Prerequisite:** Algebra 2  
**Graduation Requirement Satisfied:** Math

This course is available only at standard level. It has an emphasis on applications of mathematics, and the largest section is on statistical techniques. It is designed for students with varied mathematical backgrounds and abilities. It offers students opportunities to learn important concepts and techniques and to gain an understanding of a wide variety of mathematical topics. It prepares students to be able to solve problems in a variety of settings, to develop more sophisticated mathematical reasoning and to enhance their critical thinking. Topics covered include: number and algebra; sets, logic, and probability; functions; geometry and trigonometry; statistics; introductory differential calculus; and financial mathematics.

**IB MATHEMATICS HIGHER LEVEL**  
**Credits:** 0.5 credit / semester  
**Grade(s):** 12  
**Length of Course:** Two Semesters

**Prerequisite:** IB Math SL C/D  
**Graduation Requirement Satisfied:** Math

This course caters to students with a good background in mathematics who are competent in a range of analytical and technical skills. The majority of these students will be expecting to include mathematics as a major component of their university studies, either as a subject in its own right or within courses such as physics, engineering and technology. Others may take this subject because they have a strong interest in mathematics and enjoy meeting its challenges and engaging with its problems.

The course syllabus for Mathematics HL consists of seven topics: algebra, functions and equations, circular functions and trigonometry, matrices, vectors, statistics and probability, and calculus.

In addition, there are four optional topics of study ("Options"), one of which must be selected by the school. These four options:

- statistics and probability
- sets, relations, and groups
- calculus
- discrete mathematics

During IB Math HL students will complete their internally assessed component which is 20% of the course. The internally assessed component, the exploration, offers students the opportunity for developing independence in their mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. The exploration is internally assessed by the teacher and externally moderated by the IBO.



## SCIENCE DEPARTMENT

### GRADUATION REQUIREMENTS:

- 2 credits (4 semesters) of Science

Within the Chief Sealth Science Department, Laboratory Science classes are hands-on and designed to offer a challenging curriculum that provides students with the skills necessary for success in college science courses and in life. Various pathways or course sequences may be followed, depending on a student's desire to simply meet graduation requirements, prepare for a four-year university, or follow a rigorous IB science curriculum.

### POSSIBLE FOUR-YEAR COURSE SEQUENCES:

Year 1	Year 2	Year 3	Year 4
Physical Science	Biology	Anatomy/Physiology or Horticulture	Physics or Chemistry
Physical Science	Biology	Chemistry	Physics
Physical Science	Chemistry (if Geometry)*	IB Biology	IB Biology
Physical Science	Chemistry	IB Biology SL	IB Chemistry SL or Physics

\* Chemistry should only be taken as a 10<sup>th</sup> grader as a pre-requisite for IB Biology.

#### PHYSICAL SCIENCE I, II

**Credits:** 0.5 credit / semester

**Grade(s):** 9

**Length of Course:** Two Semesters

**Prerequisite:** None

**Graduation Requirement Satisfied:** Science

This course is a foundational survey necessary for a solid understanding of the state physical science standards and satisfies prerequisites for other courses. The course covers basic Chemistry and Physics.

#### BIOLOGY I, II

**Credits:** 0.5 credit / semester

**Grade(s):** 10, 11, 12 (Usually 10<sup>th</sup>)

**Length of Course:** Two Semesters

**Prerequisite:** Physical Science

**Graduation Requirement Satisfied:** Science

This course covers fundamentals of biology and life science including: basic biochemistry, cellular biology, genetics,

evolution, and ecology. Experimental design, application, and content taught in this course will prepare students for the state EOC exam in biology.

#### CHEMISTRY I, II

**Credits:** 0.5 credit / semester

**Grade(s):** 10, 11, 12 (10<sup>th</sup> if IB, 11<sup>th</sup> otherwise)

**Length of Course:** Two Semesters

**Prerequisite:** Physical Science, Geometry, or teacher permission.

**Graduation Requirement Satisfied:** Science

**Other Requirements:** Must pass Chemistry I to take Chemistry II.

Topics in this math-based Chemistry course include elements and the periodic table, atomic structure, chemical formulas and equations, mathematical relationships in chemical processes, the Big Bang and the chemistry of the universe, the laws of thermodynamics, acids and bases, gas laws, and organic chemistry. This course is a pre-requisite for IB Biology.

#### IB BIOLOGY I, II, III, AND IV – INTERNATIONAL BACCALAUREATE

**Credits:** 0.5 credit / semester

**Grade(s):** 11, 12

**Length of Course:** Two Years

**Prerequisite:** Physical Science and Chemistry, or teacher permission

**Graduation Requirement Satisfied:** Science

**Other Requirements:** Must pass each semester to continue with the sequence.

This two-year IB Higher Level course in laboratory biology covers basic chemistry and biochemistry, cellular biology, genetics, evolution, microbiology, botany, zoology, human systems and ecology. This course is the equivalent of college biology; topics are considered in great depth. It requires a cooperative research project. An exam is taken at the conclusion of the course to determine potential college credit. Note: A student may elect to take the IB Standard Level exam after the first year of this course sequence.

#### IB CHEMISTRY SL I, II – INTERNATIONAL BACCALAUREATE

**Credits:** 0.5 credit / semester

**Grade(s):** 11, 12 (usually 12<sup>th</sup>)

**Length of Course:** Two Semesters

**Prerequisite:** Physical Science and Chemistry, Biology or IB Biology, or teacher permission

**Graduation Requirement Satisfied:** Science

**Other Requirements:** Must pass IB Chemistry I to move on to Chemistry II

This is a rigorous chemistry course designed to prepare students for the IB Standard Level Chemistry Exam. The course content includes an extensive review and elaboration of the topics covered in Chemistry I and II. In addition, several new chemistry topics, including kinetics, equilibrium and redox reactions will be introduced. Students will participate in the Group IV research project and must submit Internal Assessment lab work.

**PHYSICS I, II****Credits:** 0.5 credit / semester**Grade(s):** 11, 12 (usually 12<sup>th</sup>)**Length of Course:** Two Semesters**Prerequisite:** Physical Science or teacher permission.**Graduation Requirement Satisfied:** Science**Other Requirements:** Must pass Physics I to move on to Physics II

This is a full course in general physics. Students will use algebra and trigonometry to solve problems about motion, force, thermodynamics, sound, magnetism, electricity, and light.

**HORTICULTURE****Credits:** 0.5 credit / semester**Grade(s):** 11, 12**Length of Course:** One Semester**Prerequisite:** None**Graduation Requirement Satisfied:** Science

This course introduces the student to the general field of horticulture and environmental science. Students will learn about horticultural cultivation techniques, plant identification, and growth requirements, with a special emphasis on urban horticulture and sustainable practices. Indoor and outdoor learning components broaden scope and provide opportunities for knowledge application.

**ANATOMY AND PHYSIOLOGY****Credits:** 0.5 credit / semester**Grade(s):** 11, 12**Length of Course:** One Semester**Prerequisite:** None**Graduation Requirement Satisfied:** Science

Students in Anatomy and Physiology will develop an understanding of the organization of the human body through studies of body systems, tissues and cell chemistry. Computer simulations and/or dissections of various body parts (using animal specimens) will be used to show how anatomy (structure) relates to physiology (function).



## PERFORMING AND FINE ARTS DEPARTMENT

### GRADUATION REQUIREMENTS:

- 1 credit (2 semesters) of Fine Arts

### MUSIC DEPARTMENT

#### BAND

**Credits:** 0.5 credit

**Grade(s):** 9, 10, 11, 12

**Length of Course:** One Semester

**Prerequisite:** Basic proficiency on band instrument or teacher permission

**Graduation Requirement Satisfied:** Fine Arts; Occupational Ed.

Students learn and perform concert band literature, march in parades and at football games, and play pep band music at basketball games and assemblies. Students must have a basic proficiency on flute, oboe, clarinet, bassoon, saxophone, trumpet, French horn, trombone, baritone, tuba, or percussion; private instruction is encouraged but not required. First time students will be admitted only with teacher permission. Participation in periodic rehearsals and performances during and after school is mandatory for all class members. This course may be taken for more than one semester for additional credit. Students have the option to earn a varsity letter in Music through participation in this course.

#### PIANO I and II+

**Credits:** 0.5 credit

**Grade(s):** 9, 10, 11, 12

**Length of Course:** One Semester

**Prerequisite:** Level I – none; Level II+ students must have taken Piano I or have studied privately

**Graduation Requirement Satisfied:** Fine Arts

Level I: Students learn to read, write, and perform piano music. Activities include in-class discussions and assignments, individual practice time, private piano lessons with the instructor, and weekly class recitals.

Level II: Students learn more advanced music and continue to study music theory. Supplementary music is also available. Level II students are expected to assist Level I students. This course may be taken for more than one semester for additional credit.

#### INTERMEDIATE AND ADVANCED JAZZ BAND

**Credits:** 0.5 credit

**Grade(s):** 9, 10, 11, 12

**Length of Course:**

**Prerequisite:** Graduation Requirement Satisfied: Fine Arts; Occupational Ed.

Students learn and perform a wide variety of jazz styles with an emphasis on correct style, articulation, and improvisation. Students must have a basic proficiency on saxophone, trombone, trumpet, guitar, bass, piano, or drums; private instruction is encouraged but not required. An entrance audition is required for admission into the top ensemble. Participation in periodic performances during and after school is mandatory for all class members, with the advanced jazz ensemble performing frequently in community events and regional and national festivals. Both courses may be taken for more than one semester for additional credit. Students have the option to earn a varsity letter in Music through participation in this course.

#### ORCHESTRA

**Credits:** 0.5 credit

**Grade(s):** 9, 10, 11, 12

**Length of Course:** One Semester

**Prerequisite:** Basic proficiency on string instrument / piano or teacher permission

**Graduation Requirement Satisfied:** Fine Arts

Students learn and perform a wide variety of music, music history, and theory, while developing the techniques of a professional string player. Students must have a basic proficiency on violin, viola, cello, or bass; private instruction is encouraged but not required. Students who wish to start an instrument for the first time will be admitted only with teacher permission. The orchestra performs two school concerts per year, as well as performances for assemblies, orchestra festivals, and other events. Participation in periodic rehearsals and performances during and after school is mandatory for all class members. Students have the option to earn a varsity letter in Music through participation in this course.

#### INTERMEDIATE CHOIR

**Credits:** 0.5 credit

**Grade(s):** 9, 10, 11, 12

**Length of Course:** One Semester

**Prerequisite:** None

**Graduation Requirement Satisfied:** Fine Arts

Students will learn basic music theory and proper vocal technique while learning a wide variety of musical styles. Participation in several performances during and after school is mandatory for all class members. Grades are based mostly on participation. This course may be taken for more than one semester for additional credit.

**HONOR CHOIR****Credits:** 0.5 credit**Grade(s):** 10, 11, 12**Length of Course:** One Semester**Prerequisite:** Intermediate Choir and teacher permission (entrance audition)**Graduation Requirement Satisfied:** Fine Arts

Students learn and perform a wide variety of advanced choral literature. Students must pass an entrance audition prior to registering for the course and are expected to have a basic understanding of music theory. Participation in periodic performances during and after school is mandatory for all class members. Grades are based mostly on participation. This course may be taken for more than one semester for additional credit. Students have the option to earn a varsity letter in Music through participation in this course.

**IB MUSIC SL – INTERNATIONAL BACCALAUREATE****Credits:** 0.5 credit**Grade(s):** 9, 10, 11, 12**Length of Course:** Meets once weekly for two years**Prerequisite:** : Basic proficiency on a musical instrument or teacher permission**Graduation Requirement Satisfied:** Fine Arts

The IB Music program at Sealth is a pullout from the 6<sup>th</sup> period band or 6<sup>th</sup> period orchestra class. Students participating in IB Music must be concurrently enrolled in either Band or Orchestra 6<sup>th</sup> period. Participants will experience the breadth and variety of music in our world. Through in-depth analysis of representative works, the study of genres and styles found around the world, and concentrated effort in solo performance, group performance, or composition, students will gain an educated insight into music and enhance their personal skills as musicians. All students will participate in coursework, historical surveys, theory, ear training, and musical investigation of a variety of genres. Additionally, students will select a personal emphasis in solo performance, group performance, or composition. Assessment of student achievement will include recordings of student performance, a journal of written work, and an external assessment tool prescribed by IBO that includes musical analysis and comparative essays based on written and aural examples. Unless approved by the instructor, concurrent enrollment in concert-marching band or string orchestra is required as a part of this course.

**THEATER I****Credits:** 0.5**Grade(s):** 9, 10, 11, 12**Length of Course:** One Semester**Prerequisite:** None**Graduation Requirement Satisfied:** Fine Arts

This course will explore the fundamentals of theatre and acting. Students learn improvisational acting, script

analysis, character analysis, and audition techniques. Students will learn to perform improvisational scenes, pantomimes, and monologues. All incoming freshmen are encouraged to take Theatre 1, regardless of previous experience.

**THEATER 2****Credits:** 0.5**Grade(s):** 9, 10, 11, 12**Length of Course:** One Semester**Prerequisite:** Theater 1**Graduation Requirement Satisfied:** Fine Arts

Students who successfully complete Theatre 1 are invited to continue to Theatre 2. Theatre 2 will explore theatre history, including historical genres of acting, significant playwrights, and theatre from a variety of cultures. Theatre 2 is designed to build students' acting skills through monologue work, scene work, voice and movement.



## VISUAL ARTS DEPARTMENT

Art courses are open to students in all grade levels; however, priority will be given to seniors. Cost of materials reimbursement will be requested in all courses.

### **DRAWING & PAINTING**

**Credits:** 0.5 credit

**Grade(s):** 9, 10, 11, 12

**Length of Course:** One Semester

**Prerequisite:** None

**Graduation Requirement Satisfied:** Fine Arts

**Other Requirements:** There is a materials cost for this course of \$20 to cover sketchbooks and other consumable materials used in the production of art.

Students focus their attention primarily on the development of skills through the study of the Elements and Principles of Art. In this course, students look at art from different cultures and time periods as they learn to broaden their aesthetic sensitivities, increase perceptual skills, and stimulate their imaginations. In finished works, students may be asked to synthesize information from an artist or art form and incorporate a set of skill objectives as they develop ideas for self-expression. Students will keep a sketchbook to practice and develop skills, and plan ideas for finished art work. Students will produce a portfolio of work at the end of semester. Materials may include pencil, charcoal, pastels, colored pencil, markers, watercolors, tempera and gouache paints, printmaking and collage media. With permission from the teacher, students may repeat this class for additional credit.

### **ADVANCED DRAWING & PAINTING**

**Credits:** 0.5 credit

**Grade(s):** 9, 10, 11, 12

**Length of Course:** One Semester

**Prerequisite:** A fine arts course with a grade of C or above

**Graduation Requirement Satisfied:** Fine Arts

**Other Requirements:** There is a materials cost for this course of \$20 to cover sketchbooks and other consumable materials used in the production of art.

Students will build on basic skills and explore new ideas to develop artworks, based on the Elements and Principles of Art in a more independent setting. Students will develop ideas for artwork based on their interests and or exploration of media, referencing other artists or art forms as they deepen their understanding of the function of art. Students may be asked to reflect on or synthesize

information from artists or art forms from other cultures. Students will be expected to keep a sketchbook of their explorations, planning and development of ideas for finished works. Students will produce a portfolio of work at the end of the semester. Materials may include pencil, charcoal, pastels, colored pencils, marker, watercolor, tempera, gouache or acrylic paints, printmaking and collage media. Students are eligible for this course if they have satisfactorily passed Drawing and Painting.

### **CERAMICS I, II**

**Credits:** 0.5 credit

**Grade(s):** 9, 10, 11, 12

**Length of Course:** One Semester

**Prerequisite:** None for Ceramics I. For Ceramics II, student must pass Ceramics I with a C or higher

**Graduation Requirement Satisfied:** Fine Arts

**Other Requirements:** There are materials needed for this class that can be purchased from the bookroom for \$20 or from an approved outside vendor.

Students will explore ceramic works using a variety of techniques. Students will increase their perception of, and gain knowledge of the field of ceramics and be introduced to the value of ceramics in our society and other cultures. Over the semester, students will acquire skills in hand-building including pinch, slab, coil, and wheel throwing methods and develop finished pieces with an emphasis on individual expression. Glazing methods and techniques will also be taught as well as understanding of the kiln firing process. In Ceramics II, students will be given assignments to build on their skills from Ceramics I and build a portfolio of work from many methods, including pinch, coil, slab and wheel projects. Ceramics II students must be able to work independently and will be graded on an elevated scale.

### **GRAPHIC ARTS**

**Credits:** 0.5 credit

**Grade(s):** 9, 10, 11, 12

**Length of Course:** One Semester

**Prerequisite:** None

**Graduation Requirement Satisfied:** Fine Arts or Occupational Ed

**Other Requirements:** There is a materials cost for this course of \$10 or from an approved outside vendor.

Graphic Arts explores the conceptual and practical principals of graphic design in the digital era, through lectures, readings, and hand-on assignments. Emphasis is on conceptual thinking, sketching, artistic language, communication skills, and learning how to utilize Adobe InDesign, Illustrator and Photoshop. This course prepares individuals to apply artistic and computer techniques to the interpretation of technical and commercial concepts. Students gain exposure to computer-assisted art and design, conceptual development, sketching and/or technical drawing, color theory, imaging, studio technique, communication skills and commercial art/business operations.

**STUDIO ART – INTERNATIONAL BACCALAUREATE (IB)****Credits:** 0.5 credit**Grade(s):** 11, 12**Length of Course:** Four Semesters for Standard or Higher Level**Prerequisite:** Visual Arts course (could also be Photography or Ceramics) with a C or above or portfolio review and teacher permission**Graduation Requirement Satisfied:** Fine Arts**Other Requirements:** Students will be responsible for the purchase of Research Workbooks (\$8 through the Bookroom), which will be an ongoing purchase throughout this course. There is a materials cost for this course of \$30 each year.

The IB program promotes an understanding of how traditions, histories, and beliefs have influenced the way in which works of art are formed and valued in society. By exploring concepts of identity and culture with a global perspective, the students are encouraged to develop and portray a critical and intensely personal view of art in relation to the world. Through both structured and independent learning in a studio environment, technical skills in painting, drawing and other media, will be developed. This media may include work in digital photography or ceramics/sculpture. Students will research, analyze, and evaluate artwork, finding inspiration and resources for art making. One hundred and fifty (150) hours of study are required for the Standard Level A with 40% of the course work consisting of maintaining an investigational workbook and 60% of the course work consisting of studio work. Students are expected to be able to make connections between culture, history and socio-economic factors, analyze art based on artistic merit, and to have basic studio skills. Besides the required workbooks and portfolio studio work, students will be required to participate in critiques, group discussions, and teacher/student meetings. At the end of the course, students will present a portfolio of work and Research Workbook pages from the two years and participate in an interview discussing their work. It is highly encouraged that students have basic painting/drawing materials at home so they can work on projects outside of class. See teacher for a recommended list.

**DIGITAL PHOTOGRAPHY I, II****Credits:** 0.5 credit**Grade(s):** 9, 10, 11, 12**Length of Course:** One Semester**Prerequisite:** None for Photo I. For Photo II, student must pass Photo I with a C or higher.**Graduation Requirement Satisfied:** Fine Arts or Occupational Ed**Other Requirements:** There are materials needed for this class that can be purchased from the bookroom for \$20 or from an approved outside vendor. A digital Camera with at least 10 mega pixels is required for this class.

This course explores the conceptual and practical principles of photography in the digital era, through lectures, readings, hands-on assignments. Discussion topics will focus

on the impact of digital technology on contemporary photographic practice, as well as the aesthetic and ethical issues surrounding photography. Adobe Photoshop will be used to explore creative and experimental possibilities for manipulating photographs. Student will be expected to provide their own camera or rent a camera from the school to take photos outside of class time. In Photo II, students will be given assignments to build on their skills from Photo I and build a portfolio of work from many genres and styles. Photo II students must be able to work independently and will be graded on an elevated scale.





## CAREER AND TECHNICAL EDUCATION DEPARTMENT

### GRADUATION REQUIREMENTS:

- 1.5 credits (3 semesters) of Occupational Education

Chief Sealth offers a variety of courses to satisfy this requirement. All courses in the Business & Technology, Family & Consumer Science, Academy of Finance, and Academy of Hospitality and Tourism departments satisfy Occupational Education credit requirement for graduation.

### ACADEMY OF FINANCE

**General Information:** The Academy of Finance is an academy program that students can enter after their sophomore year. The students participate in career conferences, and have an opportunity to apply for an internship during the summer between their junior and senior years. Seniors have the chance to go on a senior trip to New York. They learn about numerous financial matters and have a special graduation.

#### PRINCIPLES OF FINANCE

**Credits:** 0.5 credit

**Grade(s):** 11

**Length of Course:** One semester (first semester only)

**Prerequisite:** Acceptance into Academy of Finance

**Graduation Requirement Satisfied:** Occupational Ed

Preference is given to students who have applied and been accepted into the Academy of Finance. Students learn general economic principles through games including stock market games, and Cash Flow. Students learn how to handle their own finances in life after high school. They also prepare for the IB exam in Economics by studying microeconomics.

#### ENTREPRENEURSHIP

**Credits:** 0.5 credit

**Grade(s):** 11

**Length of Course:** One Semester (spring semester only)

**Prerequisite:** Principles of Finance

**Graduation Requirement Satisfied:** Occupational Ed

This course provides students with an understanding of the critical role played by entrepreneurs in the national and global economy. Students learn not only the skills necessary to become entrepreneurs, but also the attitudes,

characteristics, and techniques found with successful entrepreneurs. Students explore steps to starting a business; analyzing the market, financing, and creating a form of organization that will accommodate future growth. They learn about the operational issues that new businesses face, such as regulations, protecting intellectual property, and the financial risks of starting a business. Students examine ethical issues and develop a framework for managing them.

#### BUSINESS ECONOMICS - INTERNATIONAL BACCALAUREATE (IB)

**Credits:** 0.5 credit

**Grade(s):** 11, 12

**Length of Course:** One semester (first semester only)

**Prerequisite:** Principles of Finance

**Graduation Requirement Satisfied:** Occupational Ed

*Economics* offers students an introduction to the key concepts of economics as it pertains to business—supply, demand, profit, costs, and markets—and differentiates microeconomics from macroeconomics. The course also discusses the American economy and the factors that influence the success of businesses and products. It describes forms of business ownership, discusses the relationship of labor and business and provides a broad overview of the global economy. Students also explore careers in business, both as employees and as business owners. Students enrolled in this class have the option of converting the course to IB Economics.

#### BUSINESS IN A GLOBAL SOCIETY - INTERNATIONAL BACCALAUREATE (IB)

**Credits:** 0.5 credit

**Grade(s):** 12

**Length of Course:** One semester (second semester only)

**Prerequisite:** Business Economics

**Graduation Requirement Satisfied:** American Government or Occupational Ed

This class satisfies the American Government requirement at Chief Sealth. Learn how the government works, learn developmental economics and prepare for the IB exam. Students also explore careers in business, both as employees and as business owners.

#### ACADEMY OF FINANCE INTERNSHIP

**Credits:** 0.5 credit

**Grade(s):** 11

**Length of Course:** Minimum of six weeks (summer after junior year)

**Prerequisite:** AOF Academy Students

**Graduation Requirement Satisfied:** Occupational Ed

A significant component of the AOF curriculum is the internship experience. The paid summer internship provides valuable, hands-on experience to increase the student's skills, motivation, and work ethic. Students in the Academy have exclusive access to apply for a number of internships.

## ACADEMY OF HOSPITALITY AND TOURISM

**General Information:** The Academy of Hospitality and Tourism is a two-year commitment, focusing on hospitality and tourism, marketing, sales and customer service. It involves a potential paid summer internship during the summer of the junior year and can include a class trip to Hawaii or New York City. See Family and Consumer Sciences for the other components of this program.

### EXPLORING HOSPITALITY

**Credits:** 0.5 credit per semester

**Grade(s):** 11

**Length of Course:** One Semester (first semester only)

**Prerequisite:** Acceptance into the Academy of Hospitality & Tourism

**Graduation Requirement Satisfied:** Occupational Ed

This is the first course students take in the Academy of Hospitality & Tourism and provides an overview of the current hospitality and tourism industry. Students learn about the history of the industry, explore traveler motivation and consumer needs, the industry's economic and environmental impacts, domestic and international travel, and sales in tourism. Finally, students explore careers in the hospitality and tourism industry. The culminating project for this class is planning the Academy senior trip.

### EVENT AND ENTERTAINMENT PLANNING

**Credits:** 0.5 credit per semester

**Grade(s):** 12

**Length of Course:** One Semester

**Prerequisite:** Exploring Hospitality

**Graduation Requirement Satisfied:** Occupational Ed

This course introduces students to the skills and knowledge required in the event planning profession. After studying the steps involved in planning a special event, students learn about event planning in sports. They then examine the unique requirements of event planning in entertainment and the performing arts. Students gain valuable experience in project management that can be applied to any career path. They also examine careers in the field of event planning.

### ACADEMY OF HOSPITALITY AND TOURISM INTERNSHIP

**Credits:** 0.5 credit

**Grade(s):** 11

**Length of Course:** Minimum of six weeks (summer after junior year)

**Prerequisite:** AOHT Academy Students

**Graduation Requirement Satisfied:** Occupational Ed

A significant component of the AOHT curriculum is the internship experience. The paid summer internship provides valuable, hands-on experience to increase the

student's skills, motivation, and work ethic. Students in the Academy have exclusive access to apply for a number of internships.

### CUSTOMER SERVICE

**Credits:** 0.5 credit per semester

**Grade(s):** 11, 12

**Length of Course:** One semester (second semester only)

**Prerequisite:** Exploring Hospitality; Sports and Event Marketing

**Graduation Requirement Satisfied:** Occupational Ed

**Other Requirements:** Priority given to Seniors in AOHT

Customer Service introduces 12<sup>th</sup> grade students to the concept of service as a critical component of a hospitality or tourism business. It combines learning current theory and practice with observations of customer service in action, role-play, and critical analysis of models to provide a comprehensive perspective on this subject. Topics include trends in customer service; the psychology governing interactions between customers and providers; the phases of the customer service encounter; common mistakes; internal customer service; customer feedback; the role of management; and customer service issues that are specific to the hospitality and tourism industries.

## BUSINESS & TECHNOLOGY EDUCATION

### PERSONAL & PROFESSIONAL SKILLS “PPS”—INTERNATIONAL BACCALAUREATE (IB)

**Credits:** 1.0 Credit  
**Grade:** 11<sup>th</sup>/12<sup>th</sup> Grade  
**Length of Course:** 2 Semesters  
**Prerequisite:** IBCP Students Only  
**Graduation Requirement Satisfied:** Occupational ED

This class, a requirement for the IB Career Program, emphasizes the development of transferable skills needed to operate successfully in society. The focus of the PPS course is studying what we know in a specific career and technical field of knowledge and how we know it. Curriculum will focus on critical thinking, personal and interpersonal development, problem-solving and the acquisition of practical skills.

### INTRODUCTION TO BUSINESS

**Credits:** 0.5 credit  
**Grade(s):** 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** None  
**Graduation Requirement Satisfied:** Occupational Ed

Introduction to Business will introduce students to the world of business and financial planning. Over the course of the semester, students learn all aspects of personal financial planning in helping reach their life goals. The course includes lessons on goal setting, saving, borrowing, credit, and various types of insurance and investments. The primary purpose of the course is the development of life and career skills as students begin their economic roles as a consumer, worker, and citizen after high school.

### MARKETING

**Credits:** 0.5 credit  
**Grade(s):** 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** None  
**Graduation Requirement Satisfied:** Occupational Ed

Marketing introduces students to the action or business of promoting and selling products or services, including market research and advertising. Students learn about each phase of marketing and the wide range of options that all marketing managers and business owners consider as they create, or revise marketing plans. This course is being offered to complement the schools' DECA (International Association of Marketing Students) and student store.

### COMPUTER APPLICATIONS I

**Credits:** 0.5 credit  
**Grade(s):** 9, 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** none  
**Graduation Requirement Satisfied:** Occupational Ed

Computer Applications I is a Business Department technology class designed to introduce current business software applications that students will use for their high school, college and career success. Students learn MS Word and PowerPoint with the opportunity to earn industry standard Microsoft Office Specialist (MOS) Certificates for their resume. Course includes typing-skills support and an introduction to Excel. College credit is available via Tech Pre- inquire for college credit standards.

### WEB DESIGN I

**Credits:** 0.5 credit  
**Grade(s):** 9, 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** None - typing 25+ words per minute is recommended. Consider Computer Applications if minimal typing skills and limited computer knowledge.  
**Graduation Requirement Satisfied:** Occupational Ed

This course introduces basic technology and design-process skills of building and maintaining a website. Includes basics of the HTML5 markup language (used to structure web pages and online content), CSS3 (the style-sheet language that gives a website its form) and introductory JavaScript programming. Tools are the free MS Visual Studio 2015 Professional (available as a free download to students) and Notepad++. Tech Prep college credit available to students who meet select criteria.

### WEB DESIGN II

**Credits:** 0.5 credit  
**Grade(s):** 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** Web Page Design I  
**Graduation Requirement Satisfied:** Occupational Ed

This course delves further into the technology and design-process skills of building and maintaining a website involving HTML5, CSS3 and extending into JavaScript programming skills. Web II is a rigorous course designed for students to earn Tech Prep college credit and earn the Microsoft Technology Associate (MTA) HTML5 Development Fundamentals certification. Tech Prep college credit available to students who meet select criteria.

**INTRODUCTION TO PROGRAMMING (COMPUTER SCIENCE)**

**Credits:** 0.5 credit/semester  
**Grade(s):** 10, 11, 12  
**Length of Course:** One Year  
**Prerequisite:** Comp Apps and/or Web 1 highly recommended. Algebra 1 completion required. Geometry recommended  
**Graduation Requirement Satisfied:** Occupational Ed

This course provides students with a full-year introduction to programming/coding. The 2<sup>nd</sup> semester will focus on the Python programming language. An emphasis is on process skills and knowledge to understand some of the code behind software technology we use daily. The course incorporates problem solving and thinking as a computer scientist to enable writing effective code and understand algorithms. Tech prep collect credit is available to students we meet select criteria.

**GRAPHIC ARTS (NOT OFFERED FOR OCC. ED CREDIT 2016-2017)**

**Credits:** 0.5 credit  
**Grade(s):** 9, 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** None  
**Graduation Requirement Satisfied:** Fine Arts or Occupational Ed  
**Other Requirements:** There is a materials cost for this course of \$10 or from an approved outside vendor.

Graphic Arts explores the conceptual and practical principals of graphic design in the digital era, through lectures, readings, and hand-on assignments. Emphasis is on conceptual thinking, sketching, artistic language, communication skills, and learning how to utilize Adobe InDesign, Illustrator and Photoshop. This course prepares individuals to apply artistic and computer techniques to the interpretation of technical and commercial concepts. Students gain exposure to computer-assisted art and design, conceptual development, sketching and/or technical drawing, color theory, imaging, studio technique, communication skills and commercial art/business operations.

**ANNUAL STAFF- YEARBOOK**

**Credits:** 1.0 credit  
**Grade(s):** 10, 11, 12  
**Length of Course:** Two Semesters  
**Prerequisite:** Student must receive a C or better in a visual arts class or have a waiver from the Yearbook Advisor to join the class.  
**Graduation Requirement Satisfied:** Occupational Ed

The students on the Annual Staff in this class are responsible for the publication of our school yearbook, CACHE. Working under strict deadlines and with the help of the advisor, students use online design software to capture the year's events. If you are creative, dependable, enjoy teamwork and want to experience the creation and publishing of a book from scratch, learn to speak yearbook! Learn or develop layout and design skills, photography, copy and caption writing-experience a production

environment and be part of creating something that will last forever.

**WOODSHOP I**

**Credits:** .5  
**Grade(s):** 9, 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** None  
**Graduation Requirement Satisfied:** Elective, Occupational Ed  
**Other Requirements:** There is a \$20.00 shop fee

Introduction to wood working: This class will cover the use of hand and power tools in a traditional wood shop. Safety training and material handling will be included. Students will be expected to do at least two projects with each tool or piece of equipment. Once a student has learned the safe use of the tools they will be able to choose an individual semester project. Students must be able to do math measure and to estimate cost of projects. There is a \$20.00 shop fee.

**WOODSHOP II**

**Credits:** .5  
**Grade(s):** 9, 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** Woodshop 1 with a grade of-C above  
**Graduation Requirement Satisfied:** Elective, Occupational Ed  
**Other Requirements:** There is a \$20.00 shop fee

Students will build on basic skills learned in Woodshop 1. Students will be able to work independently from drawings or plans. Students may pick an individual project using tools of their choice. Teams of students will work cooperatively on large projects. Tool and equipment maintenance will be covered. Students will learn how to maintain tools and equipment in the shop. Class work will include but not be limited to design of projects, identification of woods, use of laser engraver and 3D printer. Students must be able to do math measure and to estimate cost of projects. There is a \$20.00 shop fee.

**WOODSHOP III**

**Credits:** .5  
**Grade(s):** 9, 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** Woodshop 2 with a grade of Band above or teacher recommendation  
**Graduation Requirement Satisfied:** Elective, Occupational Ed  
**Other Requirements:** There is a \$20.00 shop fee

Students will build on skills learned in Woodshop 1 and 2. Students will be able to work independently choosing projects of their choice. Students will design their projects using computer aided drafting. Students will work from drawings, specification and plans. Teams of students will work cooperatively on larger projects. Student will be able to teach others their skills. Students will maintain tools and equipment in the shop. Class work will include but not be limited to design of projects, identification of woods, use of

laser engraver and 3D printer. Students must be able to do math measure and to estimate cost of projects. Students will learn how to order materials for projects. There is a \$20.00 shop fee.

**WOODSHOP IV**

**Credits:** .5

**Grade(s):** 9, 10, 11, 12

**Length of Course:** One Semester

**Prerequisite:** Woodshop 3 with a grade of -C-and above or teacher recommendation

**Graduation Requirement Satisfied:** Elective, Occupational Ed

**Other Requirements:** There is a \$20.00 shop fee

Students will build on skills learned in Woodshop 1, 2 and 3. Students will be able to work independently choosing projects of their choice. Students will design their projects using computer aided drafting. Students will work from drawings, specification and plans. Teams of students will work cooperatively on larger projects. Student will be able to teach others their skills. Students will maintain tools and equipment in the shop. Class work will include but not be limited to design of projects, identification of woods, use of laser engraver and 3D printer. Exploration of careers in woodworking, including field trips to wood working stores and woodworking shops, apprenticeships. Student may shadow a trade's person/wood worker. Students must be able to do math measure and to estimate cost of projects. Students will order materials for shop projects, create bids for projects, present bids to clients. There is a \$20.00 shop fee.



## FAMILY & CONSUMER SCIENCES

Classes in Family and Consumer Sciences are designed to prepare students for the dual role of wage-earner / homemaker. Classes are co-ed, vocational, careers oriented, and meet the Occupational Education (CTE) requirement for graduation.

### INDEPENDENT LIVING

**Credits:** 0.5 credit

**Grade(s):** 9,10,11,12

**Length of Course:** One Semester

**Prerequisite:** None

**Graduation Requirement Satisfied:** Occupational Ed

Students begin to make decisions about living on their own. This course helps students explore the decisions about living on their own. Topics include issues such as relationships, buying a car, domestic violence, money management, credit cards, investments, insurance, housing, and how to get a job. Each student will create his or her own "Career Portfolio" (resume / cover letter / references) as a culminating project.

### NUTRITION & WELLNESS

**Credits:** 0.5 credit

**Grade(s):** 10,11,12 (9<sup>th</sup> if space available)

**Length of Course:** One Semester (second semester only)

**Prerequisite:** None (teacher permission if 9<sup>th</sup> grader)

**Graduation Requirement Satisfied:** Occupational Ed

This class will cover information concerning nutritional requirements for different age groups, how diets affect human growth, dietary guidelines, meal planning and preparation, characteristics of fitness and exercise, eating disorders, vegetarianism, organic vs. non organic and consumer practices. Students will learn how to cook delicious, yet healthy meals occasionally throughout the semester.

### FAMILY HEALTH

**Credits:** 0.5 credit

**Grade(s):** 10, 11, 12

**Length of Course:** One Semester

**Prerequisite:** none

**Graduation Requirement Satisfied:** Occupational Ed, Health

This class will includes topics in nutrition, health and wellness, growth and development, global, mental, community, and reproductive health, health risks, fitness, and safety. Additional topics include an introduction to

health careers. National FCCLA (Family, Career, and Community Leaders of America) programs and projects such as Power of One goal setting and Illustrated Talks incorporated into the course assessments. Students use a variety of learning strategies, vocabulary, scenarios, technology, real-world activities, and applications to explore topics, career ad skills leading to health-related certifications. Students that receive a minimum of a B- in course are eligible for Tech Prep credit.

### CAREER, COMMUNITY CONNECTIONS (AOHT FOODS)

**Credits:** 0.5 credit

**Grade(s):** 10,11,12

**Length of Course:** One Semester (second semester only)

**Prerequisite:** Exploring Hospitality, Sports & Event Marketing

**Graduation Requirement Satisfied:** Occupational Ed

**Other Requirements:** Priority given to Seniors in AOHT

This course combines the study of cultural influences, diversity, and the careers in human service, public service, hospital and health science. Coursework will include comparative studies, effective school and community leadership, and academy participation. The course draws from many fields including: human relationships, civics, government, psychology, and sociology. Topics include studies of individual, family, and community values along with cultural, ethnic, and religious backgrounds which impact decisions, choices, and actions. The connection between food and culture will be explored and occasionally prepared.

### SPORTS MEDICINE 1

**Credits:** 0.5 credit / semester

**Grade(s):** 9, 10,11, 12

**Length of Course:** One year

**Prerequisite:** None

**GRADUATION REQUIREMENT SATISFIED: OCCUPATIONAL ED**

Sports Medicine gives students the opportunity to explore the field of sports medicine by spending one period in the classroom and time after school in the training room with an athletic trainer. The major emphasis of the class will be to apply the skills learned to real-life situations. Students will earn Emergency First Aid / CPR / AED certification. They will learn human anatomy and physiology of the lower extremities, science vocabulary, prevention and care of athletic injuries, and the basic concepts of injury rehabilitation. Students will also explore the field of sports medicine learning about the various occupations, educational opportunities and requirements, and basic employability skills needed to succeed in the workplace.

**SPORTS MEDICINE 2****Credits:** 0.5 credit / semester**Grade(s):** 9, 10,11, 12**Length of Course:** One year**Prerequisite:** Sports Medicine 1**Graduation Requirement Satisfied:** Occupational Ed

Sports Medicine 2 gives students the opportunity to continue their exploration of sports medicine by spending one period in the classroom and time after school in the training room or on the athletic field with an athletic trainer. Students will learn human anatomy and physiology, prevention and care of athletic injuries, injury evaluation, and basic concepts of injury rehabilitation of the upper extremities. Students will also learn about nutrition, legal issues, HIV/AIDS, blood borne pathogens, and infectious diseases. The second semester focuses on building on previously-learned skills and the application in real-life situations.

**CAREER CHOICES****Credits:** 0.5 credit**Grade(s):** 10,11, 12**Length of Course:** One semester**Prerequisite:** None. Priority to 12 graders looking to explore post-graduation options**Graduation Requirement Satisfied:** Occupational Ed

Career Choices gives students an opportunity to learn valuable career and life skills while getting out into the community for job shadows, practicing interpersonal skills, writing resumes and job applications, and much more. This course follows the Career Choices frameworks put out by the state and include the following topics: career interest assessments, workplace readiness, interview skill development, work-based learning (job shadows), job search paperwork, health and safety issues in the workplace, employment law, personal financial literacy, and post high school planning.

**ELECTIVES****LEADERSHIP****Credits:** 1.0 credit**Grade(s):** 10, 11, 12**Length of Course:** One Year**Prerequisite:** Elected Position or Teacher Recommendation**Graduation Requirement Satisfied:** Occupational Ed or Elective

This class is a leadership learning laboratory that supports and challenges students to develop the habits of citizenship, service, ethical leadership, and the ability to think and act on behalf of the common good. It focuses not only on developing lasting leadership capacity, but also on touching the hearts of youth, encouraging them to live and act from their values, and feel empowered to make the world a better place.

**PROYECTO SABER****Credits:** 0.5 credit**Grade(s):** 9, 10, 11, 12**Length of Course:** One Semester / Any semester**Prerequisite:** Teacher Permission**Graduation Requirement Satisfied:** Elective

Proyecto Saber was implemented in the Seattle Public Schools in 1975. The goal of Proyecto is to provide a safe, productive, and welcoming environment where students can receive the help they need to be successful in school and in planning for their future. This program offers cultural presentations, tutorial assistance with a complete computer lab, counseling services, home / school liaison, college readiness planning and assistance, and referrals to community services offered by Chicano / Latino social service agencies. Proyecto also sponsors a Latino student club called MECh/LA to celebrate and promote the cultural heritage of the Latino students.

A main component of the Proyecto Saber program is the elective class that is offered five periods a day for .5 credits. The instructors are bilingual, speaking English and Spanish, and work with student's one on one or in small groups to complete their homework and projects for their other classes. In order to receive an A in the class, students are required to attend regularly, work on their homework daily, keep a record of their daily homework assignments and finished work, and complete special projects investigating their own cultural backgrounds. Students may take the class as many times as needed and as their schedule can accommodate.



## PHYSICAL FITNESS AND HEALTH EDUCATION DEPARTMENT

### GRADUATION REQUIREMENTS:

- 1.5 credits (3 semesters) of Physical Fitness
- 0.5 credits (1 semester) of Health

Health Education is typically scheduled during 9<sup>th</sup> grade year either first or second semester. During the alternate semester in 9<sup>th</sup> grade the student will typically be enrolled in Personal Fitness. If the schedule does not permit it in the 9<sup>th</sup> grade, student must pass Personal Fitness before graduation and/or entering another Physical Education class.

Chief Sealth International High School's Physical Fitness and Health Education Department is designed to provide a quality and purposeful curriculum for all students. We want all students to enjoy a fun, educational opportunity to strengthen all the elements of their health—physical, mental, emotional, social, and academic—leading to a lifetime of healthy choices.

Requirements for every Physical Education class: Uniform of white T-shirt, black shorts and/or black sweatpants, athletic shoes, and socks. Warm-ups and sweats can be worn over the uniform. Students are not allowed to wear their school attire in the PE classroom. Uniform attire will be available in the student store to purchase inexpensively.

#### PERSONAL FITNESS

**Credits:** 0.5 credit  
**Grade(s):** 9, 10  
**Length of Course:** One Semester  
**Prerequisite:** None  
**Graduation Requirement Satisfied:** Physical Fitness

Students enrolled in this class will participate in several different sports including, but not limited to, badminton, football, floor hockey, wrestling, tennis, pickle ball, soccer, volleyball, speed away, basketball, and softball. Significant time and effort during the semester will be devoted to each student's performance of the five components of personal fitness. In addition, state law now mandates that each student take the curriculum-based assessment entitled "Concepts of Health and Fitness."

#### BEGINNING WEIGHT TRAINING 10-12

**Credits:** 0.5 credit  
**Grade(s):** 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** Personal Fitness  
**Graduation Requirement Satisfied:** Physical Fitness

This class is an introduction to weight training, conditioning and body awareness. Students will learn how to effectively stretch and warm-up prior to performing in the weight room. Students will learn the main concepts of lifting power and auxiliary lifts as well as cardiovascular endurance. Students will also learn and follow the basic rules and organization of the weight room. The Physical Fitness tests will also be a required activity. With sufficient sign up, there will be a "girls only" weight lifting class.

#### ADVANCED WEIGHT TRAINING 10-12

**Credits:** 0.5 credit  
**Grade(s):** 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** Beginning Weight Training  
**Graduation Requirement Satisfied:** Physical Fitness

A student taking this course should have already successfully completed the Beginning Weight Training class, and should already know the basic concepts and rules of the weight room. Students will lift on Monday, Wednesday, and Fridays and condition on Tuesday and Thursdays. Examples of conditioning are long distance running, agility, and speed drills, as well as the Physical Fitness tests.

#### TEAM SPORTS

**Credits:** 0.5 credit  
**Grade(s):** 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** Personal Fitness  
**Graduation Requirement Satisfied:** Physical Fitness

This class will focus primarily on the "Big 5" major team sports including volleyball, soccer, softball, basketball, and football with an emphasis on the competitive aspect of these activities. Students should be prepared and enthusiastic about a rigorous workout. The Physical Fitness testing will be incorporated into each week throughout the semester.

#### LIFETIME ACTIVITIES

**Credits:** 0.5 credit  
**Grade(s):** 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** Personal Fitness  
**Graduation Requirement Satisfied:** Physical Fitness

This course will be an introductory experience to activities typically performed and enjoyed throughout adulthood.



The semester might include some or all of the following activities: table tennis, badminton, pickle ball, bowling, tennis, hockey, capture the flag, walking, jogging, conditioning, yoga, and Tai Chi. Students in this class will also be expected to perform all of the Physical Fitness tests.

**INDIVIDUAL FITNESS: YOGA; PILATES; AND MORE**

**Credits:** 0.5 credit

**Grade(s):** 10, 11, 12

**Length of Course:** One Semester

**Prerequisite:** Personal Fitness

**Graduation Requirement Satisfied:** Physical Fitness

This course encompasses a variety of different activities (choreographed or non-choreographed) led by an instructor. Classes may include aerobics (step, floor, hiking), mind-body (yoga, Pilates) or specialty (cross-fit, kickboxing, tai bo, etc.) classes. Class format will be developed towards training the five health related components of physical fitness (cardiovascular endurance, muscular endurance, muscular strength, flexibility and body composition). Emphasis will be placed on improving fitness, having fun, and learning about healthy living.

**SWIMMING I & II**

**Credits:** 0.5 credit

**Grade(s):** 10, 11, 12

**Length of Course:** One Semester (first period only)

**Prerequisite:** Personal Fitness

**Graduation Requirement Satisfied:** Physical Fitness

This course will accommodate all levels--beginning, intermediate, and advanced swimmers. Students will learn water safety, a variety of strokes, and participate in diving as well.

**HEALTH EDUCATION**

**Credits:** 0.5 credit

**Grade(s):** 9

**Length of Course:** One Semester

**Prerequisite:** None

**Graduation Requirement Satisfied:** Health

This course will cover Wellness, mental health, fitness and nutrition, sexuality and relationships and drug and alcohol abuse and prevention. Students are required to take the state mandated curriculum-based assessment "Dear Stressed and Depressed." Family Health in the Family and Consumer Sciences Dept. can also satisfy this requirement.



## WORLD LANGUAGES DEPARTMENT

The World Languages Department offers courses in Mandarin Chinese, Japanese, and Spanish. Entering 9<sup>th</sup> graders who have successfully completed a world language in the 7<sup>th</sup> and 8<sup>th</sup> grade can enroll in that language at the 2<sup>nd</sup> level, but a placement test may be necessary. Heritage or native speakers may be placed at advanced levels through a placement test.

The University of Washington requires a minimum of two years of a world language. Most four-year colleges and universities recommend and many require a minimum of three years in the same language. Under “Core 24” since 2008, 2.0 credits of world languages are required for college readiness.

### CHINESE 1A, 1B

**Credits:** 0.5 credit / semester

**Grade(s):** 9, 10, 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** None

**Graduation Requirement Satisfied:** Elective

This course introduces Mandarin Chinese to students who have no prior experience with the language. Students learn the Pinyin Romanization system and learn to read and write basic Chinese characters. This one-year course designed for beginners will mainly include the structure and vocabulary necessary to communicate in Chinese about the following: greetings, counting, colors, likes and dislikes, fruits, animals, body parts, tableware, stationery, currency, identities of people, food and drinks, sports, family, and school. Students will develop listening, speaking, reading, and writing skills through a variety of interactive activities. They will be able to handle simple, everyday life situations. Aspects of Chinese culture will also be addressed.

### CHINESE 2A, 2B

**Credits:** 0.5 credit / semester

**Grade(s):** 9, 10, 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** C or above in Chinese 1A and 1B

**Graduation Requirement Satisfied:** Elective

This course is designed for students who have already completed Chinese I or who can demonstrate that they have acquired knowledge of the language to the required level. It will continue to put into practice the basic grammar and conversational skills learned in the beginning level. In addition to textbooks, this course uses Chinese videos, newspaper clips, photo stories, CDs and field trips to develop students’ listening and speaking ability, while individual classes provide opportunities for the students to practice their skills through the use of individual work, pair and group work. Students start to learn to comprehend and create paragraph-level language. They will be able to handle more complicated everyday life situations, such as making travel arrangements, visiting friends, making appointments, shopping, transportation and discussing school life or weather. Additionally, this course will integrate Chinese culture into the study of the language.

### CHINESE 3A, 3B

**Credits:** 0.5 credit / semester

**Grade(s):** 9, 10, 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** C or above in Chinese 2A/2B

**Graduation Requirement Satisfied:** Elective

This course continues development of students’ productive and receptive skills at the paragraph level. It is designed for students who have completed two years of formal training in Chinese, or who can demonstrate that they have acquired knowledge of the language to the required level. Students’ ability in listening, reading, speaking and writing will continue to be developed and expanded through readings and short films emphasizing cultural topics. Major topics covered are family, customs, leisure time, diet and health, transportation and geography.

### CHINESE 4A, 4B – INTERNATIONAL BACCALAUREATE

**Credits:** 0.5 credit / semester

**Grade(s):** 9, 10, 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** C or above in Chinese 3A and 3B

**Graduation Requirement Satisfied:** Elective

Chinese 4 is designed for students who have completed three years of Chinese. This course will focus on developing proficiency in listening, speaking, reading, and writing through authentic materials such as movies, newspapers, short stories, and articles. Students will also work toward understanding and appreciation of the foundations of Chinese thought and culture through simplified readings of early literature from China’s 3000 years of recorded history. Major topics covered are family and its development from traditional Chinese ideas, customs and their foundation in the past, leisure time, and geography. Students will also be able to understand and convey information about career choices, the environment, and social issues. At the end of

the year students will reach a mid intermediate level of language proficiency.

**JAPANESE 1A, 1B**

**Credits:** 0.5 credit/semester

**Grade(s):** 9, 10, 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** None

**Graduation Requirement Satisfied:** Elective

In the first year of Japanese study, students learn basic expressions, terms for their homes, families, and interests, and numbers. Students learn to read and write the two phonetic Kana writing systems, and near the end of the course begin to learn Kanji, the Chinese characters used in Japanese writing. Students also study interesting aspects of Japanese culture not only from the textbook, but from enriching, authentic sources such as television, songs, and individual research projects.

**JAPANESE 2A, 2B**

**Credits:** 0.5 credit / semester

**Grade(s):** 9, 10, 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** Japanese 1A, 1B

**Graduation Requirement Satisfied:** Elective

Second-year Japanese builds on the foundation of the first-year course to increase students' vocabulary about everyday topics and teaching more complex grammatical structures so that students can express themselves more extensively. Students also build a solid knowledge base of Kanji characters, and will know 150 - 200 by the end of the year. If a student has taken and passed Japanese 1A, 1B, 2A, they may take the *Ab Initio* IB Japanese exam to fulfill the "Group 2" requirement of the IB Diploma while enrolled in Japanese 2B.

**JAPANESE 3A, 3B—INTERNATIONAL BACCALAUREATE (IB)**

**Credits:** 0.5 credit / semester

**Grade(s):** 10, 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** Japanese 2A, 2B

Third-year Japanese class uses the text *Adventures 3* and a college text, as well as many excerpts from real Japanese literature, poetry, and pop culture, to further expand the vocabulary and grammatical knowledge of students. By the end of third year, students will master a total of 300 Joyo (daily use) Kanji. This class is required for students wishing to take the International Baccalaureate exam.

**JAPANESE 4A, 4B—INTERNATIONAL BACCALAUREATE (IB) SL OR HL**

**Credits:** 0.5 credit / semester

**Grade(s):** 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** Japanese 3A, 3B

**Graduation Requirement Satisfied:** Elective

Japanese IV will build grammar, vocabulary, and Kanji learned in Japanese III by using the text *Adventures 4*, as well as other authentic materials such as Japanese short stories, Haiku, Tanka, and film. Class will be conducted mainly in Japanese, with English used for clarification of difficult concepts and grammar. Class projects will include essays, letters to friends and family, and job application cover letters. By the end of this course, students will have mastered 400 to 500 of the Joyo (daily use) Kanji, and will have added Keigo (honorific speech) to their conversational Japanese. This class is required for students wishing to take the Standard Level (SL) International Baccalaureate Exam.

**JAPANESE 5A, 5B – INTERNATIONAL BACCALAUREATE (IB) HL**

**Credits:** 0.5 credit / semester

**Grade(s):** 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** Japanese 4A, 4B

**Graduation Requirement Satisfied:** Elective

Japanese 5 offers an opportunity for higher-level immersion study, as students will be assigned real-world projects and study of authentic literature entirely in Japanese. Instruction will be entirely in Japanese, and students are encouraged to express themselves only in Japanese. As much of the literary study is individual, this class will be offered any period of the day, and the format will be like that of a Japanese-immersion TA. This class is recommended for students attempting the IB Standard Level exam, and required for students attempting the Higher Level exam.

**SPANISH 1A, 1B**

**Credits:** 0.5 credit / semester

**Grade(s):** 9, 10, 11, 12

**Length of Course:** Two Semesters

**Prerequisite:** None

**Graduation Requirement Satisfied:** Elective

**Other Requirements:** Ven Conmigo 1 workbook required.

This course explores basic spoken and written expression in the Spanish language. Structures and vocabulary are practiced in listening, speaking, reading, and writing activities. Students often work in groups and speak in front of the class to practice communicative skills. The first semester focuses on basic conversation, telling time, talking about likes/dislikes, and basic verb conjugation. During the second semester, students learn how to describe their families, have telephone conversations, talk about food, and use shopping vocabulary. Students take a comprehensive oral and written exam at the end of each semester.

**SPANISH 2A, 2B****Credits:** 0.5 credit / semester**Grade(s):** 9, 10, 11, 12**Length of Course:** Two Semesters**Prerequisite:** "C" or above in Spanish 1A, 1B**Graduation Requirement Satisfied:** Elective**Other Requirements:** Ven Conmigo 2 workbook required

The emphasis is on developing skills of communication through question and answer processes and simple face-to-face conversation. Students will review grammatical concepts from the previous year and then work on developing skills of communication through describing and giving information. In addition, the goal is to increase the student's level of confidence in reading, speaking and writing Spanish. By the end of the year students should be able to communicate in the present and past tense in Spanish. Also, there will be an emphasis on vocabulary development and verb conjugations to help students develop proficiency.

**SPANISH 3A, 3B****Credits:** 0.5 credit / semester**Grade(s):** 10, 11, 12**Length of Course:** Two Semesters**Prerequisite:** "C" or above in Spanish 2A, 2B**Graduation Requirement Satisfied:** Elective**Other Requirements:** If pursuing the five (5) UW credits, tuition is approximately \$305.

Spanish 3 is a course that will broaden the student's experience with the language. In line with recent advances in language teaching, this course is informed by two principles of communicative language teaching: 1) Learners need to focus on the message contained in sentences and discourse, and 2) Proficiency requires that the target language be used consistently. Students will expand on Spanish vocabulary and structures and will listen to a great deal of real life spoken Spanish. They will learn information about the world around them and the Spanish-speaking world. In addition, students will have the option to receive five college credits for this course through the University of Washington. This course is equivalent to Spanish 103 at the University of Washington.

**SPANISH 4A, 4B - INTERNATIONAL BACCALAUREATE (IB)****Credits:** 0.5 credit / semester**Grade(s):** 10, 11, 12**Length of Course:** Two Semesters**Prerequisite:** "C" or above in Spanish 3A, 3B**Graduation Requirement Satisfied:** Elective**Other Requirements:** IB Exam Fee; Repasa Workbook required.

Spanish 4 is an International Baccalaureate or IB course created to broaden the student's experience with the language. Throughout the course students will be exposed to a high level of Spanish vocabulary, literature, listening and visual materials designed for native speakers. Students

will be expected to write compositions of 100 - 250 words understand and explore the world from a variety of perspectives, communicate daily through dialogues, and complete oral presentations in class. These activities will enhance their ability to use the language with clarity and precision and will develop the language skills needed to engage in sustained conversations and discussions to understand and evaluate information. In addition, students will read diverse materials for both study and pleasure and write clearly and effectively. Students will also have opportunities to develop an international perspective of the language and culture through research and exploration of Latin American countries.

**SPANISH 5A, 5B - INTERNATIONAL BACCALAUREATE (IB)****Credits:** 0.5 credit / semester**Grade(s):** 10, 11, 12**Length of Course:** Two Semesters**Prerequisite:** "C" or above in Spanish 4A, 4B**Graduation Requirement Satisfied:** Elective**Other Requirements:** IB Exam Fee; Workbook required.

Spanish 5 is a continuation of Spanish 4, with more emphasis on individual communication and the use of film to enhance language skills. There is a focus on specific themes each semester in this course. Students are expected to write weekly essays in class and present weekly oral presentations. Both these activities are supplements to continued grammatical development as well as to ensure those taking the IB exam in the spring are well prepared. Students will read a literary book of their choosing and use the book as a springboard to develop written and verbal skills. Students will have independent work projects throughout both semesters. If the student did not buy the workbook *Repaso* in Spanish 4, s/he needs to purchase a workbook for Spanish 4/5 for \$30.

**ADVANCED PLACEMENT (AP) SPANISH LANGUAGE****Credits:** 0.5 credit / semester**Grade(s):** 9**Length of Course:** Two Semesters**Prerequisite:** Full Participation in Spanish Immersion Program**Graduation Requirement Satisfied:** Elective

The AP Spanish Language course follows the path of the Spanish Immersion Program. Students will develop reasonable proficiency in the focus areas of language learning: listening, speaking, reading, and writing. Current events in the Spanish-speaking world will be studied and discussed.

**SPANISH IMMERSION 2A****Credits:** 0.5 credit**Grade(s):** 9**Length of Course:** One Semester**Prerequisite:** Full Participation in Spanish Immersion Program**Graduation Requirement Satisfied:** Elective

Spanish Immersion supports, reinforces, and expands student knowledge of Spanish. Because students understand at least the rudiments and structure of the language and have a working vocabulary, (to a greater or lesser extent), this course often moves faster than other Spanish courses. It emphasizes literary development (with a study of literature and composition). This course will also include variety of Spanish---speaking cultures and promotes the IB skills developed in the IB Spanish class. Students will demonstrate a deeper understanding of the relationship between the practices, products and perspectives of Spanish-speaking people.



## ENGLISH LANGUAGE DEVELOPMENT (ELD) DEPARTMENT

Students enrolled in English Language Development courses will be assessed according to their English language skills and scheduled in classes according to their assessment levels.

### ELD LANGUAGE ARTS 9A/B, 10A/B, 11A/B

**Credits:** 0.5 credit / semester  
**Grade(s):** 9, 10, 11  
**Length of Course:** Two Semesters  
**Prerequisite:** None  
**Graduation Requirement Satisfied:** LA 9A/B, 10A/B, 11A/B

The ELD Language Arts curriculum are proficiency based classes using The Edge curriculum.

### ELD WORLD HISTORY I & II

**Credits:** 0.5 credit / semester  
**Grade(s):** 9, 10, 11, 12  
**Length of Course:** Two Semesters  
**Prerequisite:** None  
**Graduation Requirement Satisfied:** WH I / 2

World History I focuses on prehistory and ancient civilizations through the study of ancient China. The second semester, World History II, continues this study into Greece, Rome and Pre-Columbian civilizations. In both courses there is an emphasis on vocabulary and language acquisition. Students improve reading comprehension,

### ELD HEALTH

**Credits:** 0.5 credit / semester  
**Grade(s):** 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** None  
**Graduation Requirement Satisfied:** Health

writing, speaking, and study skills while learning world history.

### ELD WORLD HISTORY III

**Credits:** 0.5 credit / semester  
**Grade(s):** 9, 10, 11, 12  
**Length of Course:** One Semester  
**Prerequisite:** None  
**Graduation Requirement Satisfied:** World History III

Students improve reading comprehension, writing, speaking, and study skills while learning world history. Topics cover industrialism and colonization that occurred from the 1800's into the early twentieth century. Twentieth century focus events include World War I, the rise of Communism and Fascism through Europe and Asia, World War II, the development of the United Nations, and current national and international events.

### ELD UNITED STATES HISTORY 11A/B

**Credits:** 0.5 credit / semester  
**Grade(s):** 11  
**Length of Course:** Two Semesters  
**Prerequisite:** None  
**Graduation Requirement Satisfied:** US History 11 A / B

Students improve reading comprehension, writing, speaking, and study skills while learning United States history. Studies include Native American cultures, exploration, colonization, territorial expansion, and immigration. This is the story of a great nation, its leaders and the wars fought to protect people, land, and resources. United States history is the study of events, how these events occurred, and how they affected lives.

### ELD AMERICAN GOVERNMENT

**Credits:** 0.5 credit / semester  
**Grade(s):** 12  
**Length of Course:** One Semester  
**Prerequisite:** One semester of U.S. History.  
**Graduation Requirement Satisfied:** American Gov.

This is a senior-level class for students who have completed at least one semester of U.S. history. Students are expected to read, speak, and write English at an advanced level. Students study the Declaration of Independence and the United States Constitution. Students learn about the duties of different branches of government and about the rights and responsibilities of American citizens. The purpose of this class is to prepare students for meaningful and effective participation in American society. Students will be expected to do a lot of cooperative learning, public speaking, and class discussion.

The goal of ELD Health is to give students the most current health information in order for them to make responsible decisions for themselves and their families. Special focus is given to nutrition, body systems, drug / alcohol / tobacco use, STDs, and family planning.

## OFF-CAMPUS

### SEATTLE SCHOOL DISTRICT COURSES:

**C-West** (Career Workplace Exploration in Skilled Trades) offers 1.0 for CTE. It is one semester for exploration of trades held in the afternoon. Students earn money while under the supervision of a journey-level mentor. There are three days of classes at Rainier Beach High School and two days at an internship site.

**Health Occupations** classes held in the morning or afternoon offering three (3) high school credits and nineteen (19) credits. This is a year-long program exploring careers in the medical field. Classes will be held off the Chief Sealth campus.

**Automotive yes, 1 & 2** offers 1.0 or 1.5 credits and up to eighteen (18) community college credits through SCCC. Classes are held in the morning or afternoon for a year. The program is located at the auto shop near Washington Middle School. Summer internships with dealerships can be applied for.

**Automotive Collision Technology** is a course offered through South Seattle CC. This is a year-long class held in the afternoon offering three (3) HS credits and up to sixteen (16) community college credits.

For a complete description, please ask your **Counselor** or the **College & Career Center Specialist**. Applications must be completed for all of these courses.

### SKILLS CENTER COURSES – Advanced Career and Technical Education.

A Skills Center is secondary public education that delivers advanced, free Career and Technical Education to high school students who are at least 16 years old or who have earned at least 10 credits. Students attend classes every day 12:30-3:30 pm. Students who successfully complete the classes will earn 1.5 credits per semester. Ultimately, completion of Skills Center programs will earn industry certifications. If the Skills Center program is not located at the student's home school, the student will travel to the school where the program is offered. Counselors will be able to enroll students in other schools'/sites 'Skills Center programs and creates a schedule that gives the student time to get to class. Please talk with the counselor to enroll and to see if the Skills Center is a good fit for the student. Check out the Skills Center on the SPS Career and Technical Education website at: <http://seattleschools.org>. On right mid-menu, select *Students*. Then select *Academics*. Under *More Information* you will see *Career + Technical Education*; or go to the Skills Center Facebook page. **Skills Center applications are available on the website, or call 206-252-0730 for more information.**

#### Auto NATEF Certification

Interested in a hands-on class that requires critical thinking as well as an interest in the auto industry? Gain a solid foundation in automotive technology and the skills for gainful employment. You will learn about brake systems, maintenance, and other systems that function within a vehicle. Gain certification that meets industry needs.

Washington Middle School  
Pre-Requisites - NONE  
Industry Certifications Available

#### Aerospace Science & Technology

Seattle is home to the world's greatest aircraft company and many of its supporting industries. Launch your career by learning how to build, service, and modify aircraft and aircraft components. Learn safety, tool identification & proper use, fastener installation, aluminum & titanium metal drilling, the use of composite materials in aircraft manufacturing industry, and gain industry experience and college credit.

Rainier Beach High School  
Pre-Requisites Recommended: Wood, Auto, PLTW  
Math Cross-Credit Available  
Industry Certifications Available

#### Cisco/Information Technology

Are you interested in taking advanced classes in Information Technology while still in high school? Looking for a way to pay for college or start a career in IT? Information Communications Technology (ICT) courses in Cisco CCNA and Microsoft Technology Associate (MTA) will lead to industry certification. This is a great step for your technology future. Learn PC hardware, software, and networking operating systems.

Rainier Beach High School  
Pre-Requisites Recommended: Computer Apps, Intro To Technology, Gateways to Technology, Intro to Engineering, and Exploring Computer Science  
Math Cross-Credit Available

### Culinary Arts

Hospitality is one of the fastest growing areas in the Seattle area. Join an exciting, demanding, professional culinary class and prepare for careers as a personal chef, catering operations, restaurant, baking, and food service. Advanced training includes food preparation, culinary arts and food presentation, safety, sanitation, job shadowing, career skills including catering events, and preparation for industry education.

Rainier Beach High School  
Pre-Requisites REQUIRED: Family Health, Nutrition/Wellness, Food Science, ProStart 1A/1B  
Additional fees and requirements.

### Health Sciences/Medical Assisting

Enter a fast-growing medical profession. Practice and learn the language and skills of doctors, nurses, and healthcare professionals. This course provides students with a broad survey of core skills needed in the Health Sciences cluster and leads to high demand health and medical careers. The class uses leadership projects, modules, and project-based activities in school and community-based industry settings.

Lincoln  
Pre-Requisites REQUIRED: Family Health or Nutrition/Wellness or Human Development or Food Science or Biomedical Science or Sports Medicine or Health Care Intro  
Lab Science or math cross-credit available  
Additional fees and requirements.

### Microsoft MTA Academy

Are you interested in taking advanced classes in Information Technology while still in high school? Looking for a way to pay for college or start a career in IT? Information Communications Technology (ICT) courses in Microsoft Technology Associate (MTA) will lead to industry certification. This is a great step for your technology future. Prepare for your future in the IT industry.

Ingraham High School  
Pre-Requisites Recommended: Computer Apps, Intro To Technology, Gateways to Technology, Intro to Engineering, and Exploring Computer Science  
Math Cross-Credit Available

### Digital Animation & Game Design

Create animation and games! The Academy of Interactive Entertainment (AIE) is a leading educator for Computer Game Development and 3D digital media. This college is a star of 3D animation, game design, and visual FX. Courses are taught at AIE in professional production studios, so it's great preparation for college and career. Learn sketching and storyboarding in 2D animation and concepts of 3D, learn skills necessary for a career in the animation and gaming industry.

Academy of Interactive Entertainment  
Seattle Center  
Pre-Requisites REQUIRED: Art Course OR Portfolio  
Fine Arts Cross-Credit  
College Credit Available

### Maritime Science & Terminology

Seattle is surrounded by water and careers in the maritime industry. Prepare for college and a career and the maritime environment in this program. Learn safety, tool identification & proper use, fastener installation, aluminum & titanium metal drilling, the use of composite materials in the maritime manufacturing industry, and gain valuable college and career skills. Geography, map skills, and boating are also essential in this program.

Ballard High School  
Pre-Requisites Recommended  
Math Cross-Credit Available  
Industry Certifications Available

### Multimedia Broadcasting

Multimedia broadcasting provides students with a hands-on experience in a working radio facility. Students learn the ins' and outs' of the multimedia industry, including web design, podcasting, blogging, and communications using industry expectations and standards. Go beyond playing music; learn the history of the industry as well as the future of multimedia broadcasting.

Nathan Hale High School  
Pre-Requisites Recommended: Computer Apps, Intro To Technology, Gateways to Technology, Intro to Engineering, and Exploring Computer Science

### Fire Science

Prepares students for careers as fire fighters and in other emergency services careers. The Cadet will be able to preside, guide, or manage self, others, activities, or events with responsibility for the final outcome; apply leadership skills in real-world, family, community, and business/industry applications; and be tested on their ability to work with peers in a variety of subject areas by completing a myriad of projects and preparations at the highest levels.

Franklin High School  
Pre-Requisites – NONE

### Medical Careers

Medical careers are among the fastest growing in our economy. The Skills Center program of study in Health Sciences prepares students for foundation medical skills including: job shadows, externships, on-site hands-on practice and Nurse Assistant certification. Learn and use medical terminology, computer and clinical skills, medical assisting, communications, business application and law & ethics.

West Seattle High School  
Pre-Requisites REQUIRED: Family Health or Nutrition/Wellness or Human Development or Food Science or Biomedical Science or Sports Medicine or Health Care Intro  
Lab Science Cross-Credit Available  
Additional fees and requirements.

### Pre-Requisites

You can find a list of pre-prerequisites online or with your school counselor. Pre-requisites can also be obtained through summer school.

### Cross Credits

If a program offers a cross credit option, the cross credit subject will be listed.

### Additional Fees and Requirements

If a program has additional fees and requirements, you can find more information online or with your school counselor.

### College Credit & Industry Certification

If a program offers these options, you can find more information online or with your school counselor.

### Equity and Compliancy Policy

Seattle Public Schools Seattle Public Schools ("SPS") provides Equal Educational Opportunities and Equal Employment Opportunities and does not discriminate in any programs or activities on the basis of sex; race; creed; color; religion; ancestry; national origin; age; economic status; sexual orientation, including gender expression or identity; pregnancy; marital status; physical appearance; a disability; veteran or military status; or the use of a trained dog guide or service animal. SPS provides equal access to all designated youth groups. SPS complies with all applicable state and federal laws and regulations, including but not limited to: Title IX, Title VI of the Civil Rights Act, Section 504 of the Rehabilitation Act, and RCW 49.60 ("The Washington Law Against Discrimination"). SPS's compliance includes, but is not limited to all District programs, courses, activities, including extra-curricular activities, services, and access to facilities. The following employees have been designated to handle questions and complaints of alleged discrimination: The Title IX Officer, Paul Apostle, 206-252-0024, paapostle@seattleschools.org ; RCW 28A.640 Officer, Larry Dorsey, 206-252-0707, ladorsey@seattleschools.org ; Adult ADA/504 Officer, Paul Apostle, 206-252-0024, paapostle@seattleschools.org ; Student 504 Coordinator, Carole Rusimovic, 206-252-0118, crusimovic@seattleschools.org . Mail: Seattle Public Schools, P.O. Box 34165, Mail Stop 33-157, Seattle, WA 98124-1165.