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*These are projected courses and are subject to change, based on student requests and enrollment.
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Hello, Lincoln Lynx!

In this document you will find descriptions of the courses projected to be offered at Lincoln. This is not a static document; it will grow and change over the years as our students’ areas of interest and needs evolve. Courses not yet offered will have the year listed when they will be projected to be offered based on student need. We will add and or delete courses as we grow to meet the needs of the incoming students.

Courses offered are aimed at challenging students academically; we encourage all students to pick an area to push themselves by opting into Honors or registering for Advanced Placement courses that will help prepare them for the rigors of career and college.

As you review the course offerings, read the course descriptions carefully, making note of the important information such as course prerequisites and homework requirements. When thinking about your classes keep in mind high school graduation requirements and your post-secondary aspirations.

We look forward to supporting you.

Lincoln High School Staff
IMPORTANT POLICIES

Scheduling
Lincoln High School students register for the following year’s classes in the spring. Both semesters’ courses are selected at this time. Students should choose courses carefully to meet graduation requirements and their High School and Beyond Plan. Schedule changes are limited and withdrawing from a course can result in a W or an E on the transcript.

Grading System
Grading policy will be determined by Seattle Public Schools grading policies and guidelines. This is the current district information:
- Grades of A, A-, B+, B, B-, C+, C, C-, D+ and D indicate credit earned in a class. An E grade indicates course failure and results in no credit earned.
- If a student wishes to take a class for a Pass/No Pass grade, this must be requested by the fifth week of the semester and may be chosen for only one course per semester. Students who are withdrawn from a class after the fifth week of the semester will earn an “E” on their transcript for that course unless the withdrawal is due to a move to another school. Classes dropped after the 10th day of the semester but before the 5th week of the semester will result in a “W” on the student’s transcript. Incompletes are rarely given and must be completed within six school weeks of the end of the grading period or the Incomplete will become an E grade. All classes earn .50 semester credit per semester, with the exception of TA (teacher assistant) positions which earn .25 semester credit.

Report Cards and Progress Reports
Semester report cards are issued twice a year and distributed to students and families. Semester grades are posted to the official transcript. Student progress can be viewed in The Source throughout the semester.

Weighted Class Rank
Class rank is an indicator requested by some colleges and universities, scholarship programs, and some employers. A weighted class rank system is intended to recognize students who take more rigorous academic courses. These include courses designated as Honors (H), Advanced Placement (AP), College in the High School (CIHS) and Running Start (HRS). Honors courses earn a half weighting point; AP, CIHS, and HRS courses earn a full weighting point. The weighted ranking process does not affect the GPA. The highest attainable GPA is 4.0 (WAC 180-57-050). Valedictorian(s) and Salutatorian(s) are based on cumulative weighted rank as of 1st semester senior year.

Lincoln High School Valedictorian/Salutatorian Policy
Lincoln’s Valedictorian and Salutatorian Policy under development:
These policies will include, but will not be limited to GPA, Rigor of Courses, Citizenship and a minimum percentage of courses being taken on campus.

High School Credit for Middle School Courses
High School credit is available for some pre-approved middle school courses. Requests for credit must be received by the end of the student’s senior year or before a student withdraws from the Seattle School District. See your counselor for details.

Making Up a Required Course
If a student fails a required course, s/he generally must expect to take that course through an after school or summer school credit retrieval program if available, or through an accredited program outside of Lincoln High School. Please consult with your Counselor prior to enrolling in outside courses.

Course Fees
Some of our courses have suggested fees. Please see your Counselor if you have a financial hardship.

NCAA Athletic Eligibility
Students interested in participating in college athletics after high school need to be aware that additional academic courses are required for eligibility and not all courses are approved for NCAA eligibility. Student athletes must also register with the NCAA Eligibility Center, preferably during the junior year. Visit the NCAA website www.eligibilitycenter.org and see the Athletic Director or your Counselor for more information.
COLLEGE CREDIT OPTIONS at Lincoln High School

Advanced Placement (AP) courses
Students in AP courses may earn college credit and/or advanced placement in college if they perform well on AP exams given in May and if their college of choice accepts the AP exam for credit. **College credit is not guaranteed but rather is determined by each individual college upon the student’s enrollment in that college.** AP courses at Lincoln High School prepare students for these exams and offer a rigorous subject study available. Please note: AP offerings may vary from year to year depending on student interest and staffing. Prerequisites for AP courses are outlined in the course descriptions in this catalog. There is a fee for students taking the AP exams. Students should see the Lincoln High School Testing Coordinator if they need fee assistance.

College in the High School (CIHS): College and University partnership courses
The College in the High School program allows Lincoln High School students the opportunity to earn College/University credit for courses taken at Lincoln High School. Lincoln High School teachers use college curriculum, activities, texts, tests, and grading scales. For a reduced tuition fee, students who meet the grading criteria may purchase college credit. **Please note: As of this publication date, the Washington state legislature has determined that only 10th-12th grade students may purchase CIHS credit. This rule might change in the future to allow younger students to purchase credit, but this is currently not the case.** Once we have added these courses, 9th grade students may be qualified to take CIHS courses, but they must be aware that, unless the rule is changed, they will not be allowed to purchase credit for these courses. For more information, see individual course descriptions in this catalog.

Running Start
This program for 11th and 12th graders allows students to take classes at the community college and earn high school and college credit simultaneously. Tuition is free for a maximum of 15 credits per quarter in college-level courses numbered 100 or higher. However, the number of college credits each student may take free of tuition costs is limited by the number of classes the student is concurrently taking at the high school. Students are responsible for tuition for pre-college courses (numbering below 100) and any credits that exceed their allowable limit. Students are responsible for the cost of books and transportation. Priority application deadline for fall term is May 1. For winter and spring term deadlines, please see the Counseling Center as these deadlines vary between colleges. Students who are interested in the Running Start program should visit the community college websites and make an appointment with their Lincoln High School counselor for more information. Please see the Counseling Center tab on the Lincoln High School website for steps to getting started in Running Start.

Off Campus SPS Vocational Programs

Seattle Public Schools Skills Center
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. Students attend classes every day off-site as part of their regular school day. 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. Check out the Skills Center website www.skillscenter.seattleschools.org for more information and to apply. Students should consult their counselor to see if the Skills Center is a good fit for them.
GRADUATION REQUIREMENTS FOR CLASS OF 2021 & BEYOND

High School and Beyond Plan
The State of Washington requires all students to create a High School and Beyond Plan. Seattle Public Schools expects students entering grade 8 to begin to develop a 5-year plan including 4 years of high school courses, resume or activity log, and post high school career and college goals. The plan should be updated over time as the student develops high school plans. School counselors, staff and parents help students develop their individual plans in the district approved tools.

Service Learning
Seattle Public Schools requires students to complete 60 hours of service learning before graduation. Speak to your Counselor to learn more about service learning and to help you create a plan.

State Exams
The class of 2021 and beyond, students are required to pass state determined exams or exam alternatives. State-approved alternatives are available for students that were not successful on their first attempt. Additional alternatives or modified assessments for students receiving special education services are available.

Typical Testing Year | Subject | Test
--- | --- | ---
10th grade | ELA | Smarter Balance or WA-AIM
10th grade | Math | Smarter Balance or WA-AIM
11th grade | Science | WCAS or WA-AIM

Required Credits
24 credits are required for graduation earned from the below list of approved courses. The credit requirements are minimums both in terms of total credits required for graduation and for credits in the various subject areas.
**English/Language Arts**  
Credits: 4.0  
Required Courses: Select from approved core course offerings.  
Note: Students should complete Intro to Lit & Comp 9, World Lit 10, Lit & Comp 11, Comp Lit 12 or approved content alternatives, such as AP courses.

**Social Studies**  
Credits: 3.0  
Required Courses:  
- World History 1, 2, and 3  
- U.S. History 11A, 11B  
- American Government  
- Washington State History, may have been completed in middle school.  
Note: World History 2 and 3 courses will satisfy the state requirements for 1 credit in Current World Problems (CWP). American Government course will satisfy the state requirement for a .5 credit in Civics. Students must also complete an OSPI approved classroom-based assessment in civics in the eleventh or twelfth grade. RCW 28A.230.093 WAC 392-410-120 WAC 180-51-067

**Mathematics**  
Credits: 3.0  
Required Courses:  
- Algebra I  
- Geometry  
- Algebra II  
Note: Students should take Algebra I and Geometry, Algebra 2 or earn credits in OSPI approved equivalent career and technical education (CTE) courses. RCW 28A.230.097 WAC 180-51-068 3
Science
Credits: 3.0
Required Courses:
- Physics A/Chemistry A
- Biology
- Physics B/Chemistry B
Note: Students should complete Physics A/Chemistry A and Biology A & B.
At least two credits of the three science credits shall be in a laboratory science, the third credit may be chosen based on the students’ interest and may include a CTE science-equivalent course RCW.24A.305.130 RCW 28A.700.070 WAC 180-51-068 RCW 28A.230.010.

Career Technical Education
Credits: 1.0
Required Courses: Select from approved course offerings.
Notes: Career Connected Learning (CCL/CTE) credits may be earned in exploratory or preparatory CCL/CTE classes and certain approved non-CCL/CTE courses. HLA

Health & Physical Education
Credits: 2.0
Required Courses:
- Select from approved course offerings.
- 1.5 Physical Education
- .5 Health
Note: The performance component of Fitness (physical education) may be waived for specific reasons such as physical disability or other reason described in RCW 28A.230.050. However, the content knowledge requirement must be met by either course work in fitness education or completing the OSPI developed Concepts of Health and Fitness Assessment. RCW 28A.230.050; WAC 180-50-135; WAC 392-410-136; WAC 392-410-310; and WAC 392-410-340. Students must also complete an OSPI approved assessment in health during high school.
Visual and Performing Arts
Credits: 2.0
Required Courses: Visual or performing arts
Notes: Select from courses in fine, visual or performing arts or cross-credited CTE courses. 1 credit may be a Personalized pathway requirement.

World Language or Personalized Pathway
Credits: 2.0
Required Courses: Select from approved course offerings.
Notes: Personalized pathway requirements are related courses that lead to a specific post high school career or educational outcome chosen by the student based on the students’ interests and High School Beyond Plan. World Languages are recommended for students planning on attending a 2 or 4-year college or university for admissions purposes.

Electives
Credits: 4.0
Required Courses: Once department requirements are met, any other course from any department other than required courses.

For more information about graduation requirements, please refer to: https://www.seattleschools.org/cms/One.aspx?portalId=627&pageId=18711

College Academic Distribution Requirements (CADRs)
CADRS are courses that meet Washington College and University approved admission requirements.

<table>
<thead>
<tr>
<th>Required Courses/LWSD</th>
<th>HS Graduation – Class of 2021 and beyond</th>
<th>CADRs (Washington State Colleges Requirements)</th>
<th>UC/CSU Minimum Entrance Requirements</th>
<th>Highly Selective Colleges</th>
</tr>
</thead>
<tbody>
<tr>
<td>English/Language Arts</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
<td>4.0</td>
</tr>
<tr>
<td>Sciences</td>
<td>3.0</td>
<td>2.0</td>
<td>2.0</td>
<td>3.0 - 4.0</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3.0</td>
<td>3.0</td>
<td>3.0</td>
<td>4.0</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3.0</td>
<td>3.0</td>
<td>2.0</td>
<td>3.0 – 4.0</td>
</tr>
<tr>
<td>Fine/Performing Arts</td>
<td>2.0</td>
<td>1.0</td>
<td>1.0 (preferably in the same content area)</td>
<td></td>
</tr>
<tr>
<td>World Language</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
<td>3.0 – 4.0</td>
</tr>
<tr>
<td>P.E.</td>
<td>1.5</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Health</td>
<td>.5</td>
<td></td>
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<tr>
<td>Career Connected Learning</td>
<td>1.0</td>
<td></td>
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<tr>
<td>Electives</td>
<td>4.0</td>
<td></td>
<td>1.0 College Prep Elective</td>
<td></td>
</tr>
<tr>
<td>Senior Year Math-Based Quant Course</td>
<td>1.0</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
LINCOLN HIGH SCHOOL
DEPARTMENTS AND COURSES

Course Catalog Key
+These courses may be dual certified. Please see your Counselor for clarity before registering
HXX Course credit in the designated department area (HLA – Language Arts credit, HWL – World Language credit, etc.)
CXX Cross credited course that can be used in that department if regular credit (HXX) has already been met. (Example: An HCT course may also be CFA which is a course equivalent to a Fine Arts Course and can earn Fine Arts credit)
HLA/CLA Meets Language Arts requirement
HMA/CMA Meets Math requirement
HSC/CSC Meets Science requirement
HSS/CSS Meets Social Studies requirement
HCT/CCT Meets Career & Technology requirement
HFA/CFA Meets Fine Arts requirement
HWL Meets World Language requirement
HUE Unspecified Elective Credit – can be applied to electives credit
A/B or 1/2 Denotes a full year course with A or 1 being 1st semester and B or 2 being 2nd semester. (Except Physic/Chemistry A courses denote 1st year and B denotes 2nd year)

English/Language Arts
Language Arts Graduation Requirement: 4.0 credits (8 semesters)

Honors Option: All 9th and 10th grade language arts classes at Lincoln include the option to work toward and apply for honors. Students do not register for a separate “honors class” or “honors option” within a class at the start; honors are awarded at the end to recognize exceptional learning or achievement. Developing independent learners is central to the mission & vision of Lincoln High School, and our honors policy seeks to empower students to own their learning as they seek extra rigor, reflect on their learning, and go beyond expectations throughout a course. Students indicate if they have earned the Honors credit in an end-of-course reflection paper focused on the Deeper Learning Competencies. More information, including scoring guides, is available on course Schoology pages.

English Language Arts Modified A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HLA
- Prerequisite: Consultation with Case Manager
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

English Language Arts Modified focuses on specially designed instruction aligned to students’ IEP goals and objectives with modified grading, content and materials from the general education curriculum. The purposes of the course are to improve literal and inferential comprehension skills, vocabulary, reading rate, reading related study skills, and interest in reading. Curriculum is based on students’ IEP goals and objectives as well as modified general education curriculum and content.

Intro to Literature & Composition A/B (Honors Option)
- 1 Credit / 1 Year - Grade 9
- HLA
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

This course concentrates on critical reading of texts from different genres, reflecting themes of identity and self-discovery, and on clear and purposeful writing aligned to the Design Thinking process.

World Lit & Composition A/B (Honors Option)
- 1 Credit / 1 Year - Grade 10
- HLA
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

This class concentrates on how the human experience is expressed in literature from around the world. Students learn to read analytically and write clearly and purposefully. The course will be aligned with World History 2-3 to facilitate interdisciplinary thinking and projects.

American Literature & Composition A/B
- 1 Credit / 1 Year - Grade 11
- HLA
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

American Literature & Composition continues to emphasize writing, discussion, and literary analysis. The literary emphasis is on the work of American authors, with texts selected based on input from students. Course outcomes include developing research skills, communication skills, and various modes of writing.
AP English Language & Composition 1/2
- 1 Credit / 1 Year - Grade 11
- HLA
- CADR
- Prerequisite: Recommended B or better in World Lit and Composition
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily – 60 minutes average

This course is designed to bring students to independence in their learning through student centered discussion and study. Course work focuses on diction, presentation and construction of ideas, and writing about concepts, all elements of AP preparatory work emphasizing Language and Composition. The strategies for “timed writings” are established during this course. This course is strongly recommended to any student considering taking AP English Literature and Composition. AP designation will be added to the student’s final transcript. Students are expected to take the AP exam, but that exam is not part of the course grade.

Comparative Literature & Composition A/B (2021-22)
- 1 Credit / 1 Year - Grade 12
- HLA
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

Though a year-long course dedicated to preparing students for greater college and career readiness, English 12 is broken up into two separate semesters with each having a different primary emphasis. The first semester of the course will focus on developing each student’s composition and public speaking skills. By building on past experiences with formulaic writing models such as the five-paragraph essay, students will create written and spoken responses of greater clarity, cohesion, and complexity. The second semester of the course will focus on developing each student’s ability to appreciate, process, and analyze literature. Course materials will vary, but students should expect to read a wide range of texts, which may include essays, novels, poems, short fiction, plays, and/or speeches. Writing in response to readings will be prevalent throughout the course.

AP English Literature & Composition 1/2 (2021-22)
- 1 Credit / 1 Year - Grade 12
- HLA
- CADR
- Prerequisite: Recommended B or better in 11th grade Language Arts class
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily – 60 minutes average

This course takes up where AP Language and Composition concludes, focusing on the elements of memorable and effective literature. Students will learn to read a variety of literary styles independently and critically for structure, style, and themes, with an emphasis on independent thinking and discussion. The strategies for “timed writings” and other AP preparatory work will be carried over from AP Language and Composition. The AP designation will be recorded on the student’s final transcript. Students are expected to take the AP exam, but that exam is not part of the course grade.

+Journalism (Newspaper 2021-22)
- 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
- HLA, CCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: $20
- Materials Required: None
- Homework: As Needed

This is a non-fiction writing for publication course. Such writing emphasizes accuracy, balance, objectivity, conciseness and style. The student can develop skills of pre-writing, drafting, revising, editing and publishing.
Social Studies

Social Studies Graduation Requirement: 3.0 credits (6 semesters)

**Honors Option:** World History 1, 2, and 3 at Lincoln include the option to work toward and apply for honors credit. Students do not register for a separate “honors class” or “honors option” within a class at the start; honors are awarded at the end to recognize exceptional learning or achievement. Developing independent learners is central to the mission & vision of Lincoln High School, and our honors policy seeks to empower students to own their learning as they seek extra rigor, reflect on their learning, and go beyond expectations throughout a course.

Students indicate if they have earned the Honors credit while participating in a reflective conversation with their teacher and a small group of peers focused on the Deeper Learning Competencies. More information, including scoring guides, is available on course Schoology pages.

**World History 1 “Ethnic Studies” (Honors Option)**
- 0.5 Credit / 1 Semester - Grade 9 (Required), 10, 11, 12
- HSS
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As needed

Students will focus on developing an understanding of sustainability regarding ancient and classical civilizations from 600 to 1440 CE, and the connections to the modern world. The focus of the content will be developing a worldview that emphasizes the interconnectedness of modern societies, and the cause-and-effect relationships of global politics. This class is structured around developing abilities to think like a historian as a basis for becoming a well-informed global citizen with highly developed critical thinking skills.

**World History 1 Immersion in Japanese Honors**
Same as general World History 1 course but this course will be taught in Japanese.

**World History 1 Immersion in Spanish Honors**
Same as general World History 1 course but this course will be taught in Spanish.

**World History 2 “Ethnic Studies” (Honors Option)**
- 0.5 Credit / 1 Semester - Grade 9, (required 10), 11, 12
- HSS
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Weekly Averages, 60-120 minutes

Students will engage in the study of the global expansion and interactions between approximately 1440 CE to 1900. The focus of the content will be on developing a global worldview that emphasizes the interconnectedness of humans and understanding how the modern world has developed. The class is structured around continuing to develop strong historical and scientific research skills as a basis for becoming a well-informed global citizen with highly developed critical thinking skills.

**World History 2 Immersion in Japanese (Honors)**
Same as general World History 2 course but this course will be taught in Japanese.

**World History 2 Immersion in Spanish (Honors)**
Same as general World History 2 course but this course will be taught in Spanish.

**World History 3 “Ethnic Studies” (Honors Option)**
- 0.5 Credit/1 Semester - Grade 9, (required 10), 11, 12
- HSS
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Weekly Averages, 60-120 minutes

Students will investigate the modern world, between approximately 1900-present, and how global trends have developed. The focus of the content will be on more fully developing a worldview that emphasizes global citizenship and ethical decision-making. The class is structured around extending and deepening strong historical and scientific research skills as a basis for becoming a well-informed global citizen with highly developed critical thinking skills.

**World History 3 Immersion in Japanese (Honors)**
Same as general World History 3 course but this course will be taught in Japanese.

**World History 3 Immersion in Spanish (Honors)**
Same as general World History 1 course but this course will be taught in Spanish.
AP World History

- 1 Credit / 1 Year - Grade 10
- HSS
- CADR
- Prerequisite: Recommended “B” average in Humanities classes
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily, 60 Minutes

The primary intent of the AP World History course is to teach the history of the world from a truly global stance rather than from the dominant perspective of Western civilization. This approach therefore places emphasis on worldwide historical processes and connections among the whole gamut of human societies. In order to achieve a comprehensive understanding of these events, students need both factual knowledge and the ability to critically assess such information. This course helps them on both fronts, teaching the historical facts in the context of how progressive changes-- environmental, social, scientific, and political--influenced the various societies they touched, as well as how these groups interacted with each other. Students are exposed to many primary sources to show them how historical analysis works and how they can proceed to make their own informed interpretations of world events, both past and present. Students are expected to take the AP exam, but that exam is not part of the course grade.

US History A/B (Ethnic Studies)

- 1 Credit / 1 Year - Grade 11
- HSS
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Weekly Averages, 60-120 minutes

This course covers major topics in the history of the United States predominantly from 1900 to the present day. It focuses on the development of the United States both domestically and internationally. Students will explore the political, economic, cultural and social heritage of the U.S. Students will gain an appreciation for the diversity of the American experience and how it has shaped the nation’s democratic way of life. Throughout the course, students will be encouraged to compare previous trends and issues in the nation’s history with current issues facing the U.S. today.

AP US History A/B

- 1 Credit / 1 Year - Grade 11
- HSS
- CADR
- Prerequisite: Recommended “B” avg in Humanities classes
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily, 60 Minutes

The scope of this class is extensive and covers discovery and exploration through current American policies and events. The depth of information will be the focus, as opposed to breadth of information, as in years’ past. Instruction strategies will include skill development in notetaking, test preparation, essay writing, research skills, and analysis of different interpretations of historical, political and social events and themes. Independent reading, study and following current events is expected. Students are expected to take the AP exam, but that exam is not part of the course grade.

American Government & Econ (2021-22)

- 0.5 Credit / 1 Semester - Grade 11, 12
- HSS (Civics)
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As needed

This course introduces students to issues in American government and politics, including the historical and philosophical basis for democracy. Topics include civil rights and civil liberties, political parties, the role of media in national life and the debate over federal versus state power. Students will be asked to demonstrate skills in reading/writing, research, discussion, debate, mock trial, and simulation in this class. Students are required to complete the OSPI designed Civics classroom-based assessment, CBA.
AP American Government (2021-22)
- 1 Credit / 1 Year - Grade 12
- HSS
- CADR
- Prerequisite: Recommended “B” average in Humanities classes
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily, 60 Minutes

This course is intended to develop writing, speaking, and organizational skills and to provide a thorough knowledge of information and topics related to American government. Students will review major political documents, such as the Declaration of Independence and Federalist papers, examine and analyze basic government institutions, including the courts, Presidency, bureaucracy, and Congress, and become aware of the political process, such as elections, civil rights, and the freedoms inherent in the Bill of Rights. The class will include regular reading of a college level text, advanced level political articles, and the analysis of trends in contemporary politics. Students are expected to take the AP exam, but that exam is not part of the course grade.

Economics (2021-22)
- 0.5 Credit / 1 Semester - Grade 11, 12
- HSS
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As needed

This elective course focuses on economic thinking and an introduction to macroeconomics. Issues such as the stock market, the global marketplace and basic economics will be explored as well as the issue of personal economics. Skills include research, speech and debate, persuasion, responsible scholarship, and primary source examination.
Mathematics
Mathematics graduation requirement: 3.0 credits (6 semesters)

Algebra 1 A/B
- 1 credit / 1 year – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: Scientific Calculator
- Homework: Daily, 30 minutes

Algebra 1 focuses on five areas:
1. Writing, interpreting, and translating between forms of linear equations and inequalities, and exponential functions, and using them to solve problems;
2. Compare linear and exponential functions, use function notation, and interpret arithmetic and geometric sequences;
3. Use regression techniques to describe linear relationships quantitatively and make judgments about the appropriateness of linear models;
4. Work with rational exponents, create quadratic and exponential expressions, and solve equations, inequalities and systems of equations involving quadratic expressions;
5. Compare quadratic, linear, and exponential functions in modeling and identify the zeros of a quadratic.

Other functions covered are absolute value, step, and those that are piecewise defined.

Algebra 1 Modified
- 1 credit / 1 year – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: Consultation with IEP case manager
- Suggested Lab Fee: None
- Materials Required: Scientific Calculator
- Homework: Daily, 30 minutes

Algebra 1 M focuses on specially designed instruction aligned to students' IEP goals and objectives with modified grading, content and materials from the general education curriculum. See Algebra 1 course description for more information.

Geometry A/B
- 1 credit / 1 year – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: Algebra 1
- Suggested Lab Fee: None
- Materials Required: Scientific Calculator, Compass, Protractor, Ruler
- Homework: Daily, 30 minutes

In Geometry, students explore complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Mathematical Practice Standards apply throughout the course allow students to experience math as a coherent, useful, and logical subject that makes use of their ability to make sense of problems.

Geometry A/B Modified
- 1 credit / 1 year – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: Algebra 1 or Algebra 1 M & consultation with IEP case manager
- Suggested Lab Fee: None
- Materials Required: Scientific Calculator, Compass, Protractor, Ruler
- Homework: Daily, 30 minutes

Geometry M focuses on specially designed instruction aligned to students’ IEP goals and objectives with modified grading, content and materials from the general education curriculum. See Geometry course description for more information.

Algebra 2 A/B
- 1.0 credit / Yearlong – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: Algebra 1 and Geometry
- Suggested Lab Fee: None
- Materials Required: Graphing Calculator TI-84+
- Homework: Daily, 30-45 minutes

Algebra 2A is a semester-long course that extends student understanding of functions and data analysis. Students will encounter a variety of algebraic mathematical issues, including arithmetic and geometric sequences; standard deviation and measures of center; expressions with rational and negative exponents; manipulation and transformations of linear, quadratic, exponential, rational, and more general algebraic expressions, equations and inequalities; and systems of equations and inequalities.

2B is a semester-long course that continues to extend student understanding of the number system to complex numbers (including as solutions to quadratic equations). Students will encounter a variety of algebraic mathematical issues, including the use of matrices to organize information and solve systems; expressions with rational and negative exponents; modeling with sequences and series,
Algebra 2 A/B Modified
- 1.0 credit /Yearlong – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: Algebra 1/ Algebra 1 M and Geometry/Geometry M and consultation with IEP case manager
- Suggested Lab Fee: None
- Materials Required: Graphing Calculator TI-84+
- Homework: Daily, 30-45 minutes

Algebra 2A and 2B focuses on on specially designed instruction aligned to students’ IEP goals and objectives with modified grading, content and materials from the general education curriculum. See Algebra 2 course description for more information.

Algebra 2 A&B Honors
- 1.0 credit /Yearlong – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: Completion of Algebra 2A
- Suggested Lab Fee: None
- Materials Required: Graphing Calculator TI-84+
- Homework: Daily, 45-60 minutes

The distinction between Algebra 2B and Algebra 2B Honors is the pace at which the course moves, and additional subject matter that will be covered. This course is recommended for students pursuing advanced mathematics.

Pre-Calculus A/B
- 1 credit / 1 year – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: Algebra 1 Geometry, and Algebra
- Suggested Lab Fee: None
- Materials Required: Graphing Calculator TI-84+
- Homework: Daily, 30-45 minutes

This course is a rigorous study of linear, quadratic, exponential, polynomial, logarithmic, and trigonometric functions, focusing on structure, dynamics, and graphing. Other topics studied are polar Coordinates and graphing, conics, linear algebra, and discrete mathematics. Students apply traditional mathematical topics in applied settings. In so doing, they exercise mathematical reasoning and see the connections between topics and other disciplines. While solving real-world problems using appropriate technology, students become empowered to communicate mathematics through group activities, experiments and independent projects.

Pre-Calculus Honors AH/BH
- 1 credit / 1 year – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: Algebra 1 Geometry, and Algebra
- Suggested Lab Fee: None
- Materials Required: Graphing Calculator TI-84+
- Homework: Daily, 45-60 minutes

The distinction between Precalculus and Precalculus Honors is the pace at which the course moves, and additional subject matter that will be covered. This course is recommended for students pursuing advanced mathematics.

AP Calculus AB A/B
- 1 credit / 1 year – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: Grade of B- or higher in both semesters of Precalculus Honors preferred
- Suggested Lab Fee: None
- Materials Required: Graphing Calculator TI-84+
- Homework: Daily, 60+ minutes

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. This course prepares students for the successful completion of the AP Calculus AB exam. Out of class exam preparation is expected.

AP Calculus BC A/B
- 1 credit / 1 year – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: Grade of A- or better in Pre-Calculus Honors or a B- or better in AP Calculus AB
- Suggested Lab Fee: None
- Materials Required: Graphing Calculator TI-84+
- Homework: Daily, 60+ minutes

AP Calculus BC with Advanced Math Topics continues the study of integral calculus from a more symbolic approach. Topics include advanced integration techniques, application of integrals, differential equations, derivatives and integrals involving conic, parametric, and polar equations, the convergence of infinite series including Taylor series, vector-valued functions, and some multi-variable calculus. Out of class exam preparation is expected. Students are expected to take the AP exam, but that exam is not part of the course grade.
Probability & Statistics A/B
- 1 credit / 1 year – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: Algebra 2
- Suggested Lab Fee: None
- Materials Required: Graphing Calculator TI-84+
- Homework: Daily, 30-45 minutes

This course introduces statistical thinking and its relevance in the fields of medicine, social studies, and business. Students will use group discussions and unit projects that emphasize statistical thinking and conceptual understanding. Statistical software and graphing calculators will be used for developing concepts and analyzing data. Students will gather and display data, represent data with numerical summaries, and describe its patterns and trends. They will use sampling methods, observational studies, and experiments to gather data and identify biases. Computations for situations involving probabilities, confidence intervals and hypothesis testing will be conducted, and results interpreted.

AP Statistics A/B
- 1 credit / 1 year – Grade 9,10,11,12
- HMA
- CADR
- Prerequisite: Grade of B- or higher in both semesters of Precalculus preferred
- Suggested Lab Fee: None
- Materials Required: Graphing Calculator TI-84+
- Homework: Daily, 60+ minutes

This course is an introduction to the major concepts and tools for collection, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: (1) exploring data, describing patterns and departures from patterns; (2) sampling and experimentation, planning and conducting a survey; (3) anticipating patterns, exploring random phenomena using probability and simulation; and (4) statistical inference, estimating population parameters and testing hypothesis. Some major assignments include designing and implementing sample surveys, observational studies, and experiments, critical statistical analysis of real-life data. By the end of this course student will have a working knowledge of the ideas and tools of practical statistics and be able to make informed decisions based on data. Students are expected to take the AP exam, but that exam is not part of the course grade.

Calculus 3 A/B
- 1 credit / 1 year – Grade 11,12
- HMA
- CADR
- Prerequisite: Grade of B- or higher in both semesters of BC Calculus
- Suggested Lab Fee: None
- Materials Required: Graphing Calculator TI-84+
- Homework: Daily, 60+ minutes

Prerequisite: AP Calculus BC. This course covers 3D vectors, dot products, cross products, projections, lines, planes, cylinders and quadric surfaces in space, cylindrical and spherical coordinates, vector functions and space curves, derivatives and integrals of vector functions, arc length and curvature, velocity, speed and acceleration, multi variable functions, limits and continuity, including partial derivatives, directional derivatives and gradients, maximizing and minimizing functions in two variables, Lagrange multipliers, tangent planes, differentials.
Science

Graduation requirement: 3.0 credits (6 semesters)

Honors Option: For those students who need an additional challenge beyond SPS Course Standards, we’ve developed a student-directed honors option, focused on deeper and more reflective learning instead of busywork or separate classes. The Honors designation is added to transcripts at the end of the quarter.

Physics A (Honors Option)
- 0.5 Credit / 1 Semester - Grade 9, 10
- HSC
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily, 30-45 minutes

In this course, Physics A: Wave Properties and Technology, students will study Newton’s Law of Gravitation, Coulomb’s Law, the relationship between electric currents and magnetic fields, speed of waves, electromagnetic radiation and its effects on matter, technological devices, Big Bang theory, digital transmission and storage of information. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

Chemistry A (Honors Option)
- 0.5 Credit / 1 Semester - Grade 9, 10
- HSC
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily, 30-45 minutes

In this course, Chemistry A: Origin of the Elements and Material Science, students will study fission, fusion, and radioactive decay, properties of elements, simple chemical reactions, structure of substances and forces between particles, designing materials, life span of the sun, and the way stars produce elements. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

Biology A/B (Honors Option)
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HSC
- CADR
- Prerequisite: Chemistry A, Physics A
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily, 30-45 minutes

In Biology A: Tracing Matter and Energy, students will study the formation of carbon-based molecules, organization of multicellular organisms, homeostasis, mitosis, cellular respiration, aerobic and anaerobic conditions, ecosystems, photosynthesis, impacts of human activity, and energy and mineral resources. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

In Biology B: Tracing Information through Generations, students will study mitosis, transcription and translation, homeostasis, inheritance, genetic variation, population genetics, group behavior and survival, evolution, natural selection, adaptation, Earth’s formation, Earth’s systems and life on Earth, carrying capacity, biodiversity, impacts of human activity. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

Physics B (Honors Option)
- 0.5 Credit / 1 Semester - Grade 9, 10, 11, 12
- HSC
- CADR
- Prerequisite: Chemistry A, Physics A, Biology
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily, 30-45 minutes

In this course, Physics B: Mechanics in the Earth Solar System, students will study energy changes and flow, energy associated with motion and relative position, conversion between forms of energy, formation of continental and ocean-floor features, cycling of matter, Newton’s Second Law of motion, conservation of momentum, collisions, and motion of orbiting objects. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.
Chemistry B (Honors Option)
- 0.5 Credit / 1 Semester - Grade 9, 10, 11, 12
- HSC
- CADR
- Prerequisite: Chemistry A, Physics A, Biology
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily, 30-45 minutes

In this course, Chemistry B: Reactions, Energy, and Environmental Chemistry, students will study energy flow in a chemical reaction, factors affecting reaction rate, conditions affecting production of a reaction, mass conservation, second law of thermodynamics, changes to earth’s systems, effect of energy flow on climate, properties of water, carbon cycling, climate change, and impacts of human activity. Students will refine their science and engineering skills within the context of an engaging storyline to explain a phenomenon.

AP Physics A/B
- 1 Credit / 1 Year - Grade 10, 11, 12
- HSC
- CADR
- Prerequisite: Physics A / Physics B
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: Daily, 30-60 minutes

Prerequisite: completion of a full year of Chemistry (A and B). Designed by the College Board to parallel first-semester college-level courses in algebra-based physics, AP Physics 1 courses focus on Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory circuits. These courses may also include college-level laboratory investigations.

+AP Environmental Science 1/2
- 1 Credit / 1 Year - Grade 10, 11, 12
- HSC, HCT, CSC
- CADR
- Prerequisite: Biology A/B, Physics B Chemistry B
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: Weekly, 30-45 minutes

Prerequisite: completion of a full year of Chemistry (A and B). This course involves the study of a wide variety of sciences, including geology, biology, environmental studies, chemistry, meteorology and geography as well as the study of natural systems, risks associated with these problems, and alternative solutions. Themes include science as a process, energy in ecosystems, Earth Systems, human impacts, societal context, designing solutions. Concurrently with ChemB/PhysB w/ teacher permission.

AP Biology 1/2
- 1 Credit / 1 Year - Grade 10, 11, 12
- HSC
- CADR
- Prerequisite: Completion of Biology and two semesters of Chemistry, with B- or better preferred.
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: Daily, 45-60 minutes

Prerequisite: completion of a full year of Chemistry (A and B). AP Biology is an intensive course designed to be the equivalent of an introductory biology course taken in college. The emphasis is on developing an understanding of biological concepts rather than an accumulation of facts. The student should understand and appreciate the science of biology as a process and a personal experience in scientific inquiry that develops their problem solving and critical thinking skills. This course also prepares the high school student to take the AP exam given in May. The format for this class will be primarily flipped, with students doing initial learning at home through reading and videos and class time spent with activities, labs, and in-depth experiences.

AP Chemistry 1/2
- 1 Credit / 1 Year - Grade 10, 11, 12
- HSC
- CADR
- Prerequisite: Students should have successfully completed a general high school Chemistry course or equivalent class with B- or better preferred
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: Daily, 45-60 minutes

Prerequisite: completion of a full year of Chemistry (A and B). AP Chemistry is a fast-paced, college-level Chemistry course for students interested in acquiring a greater background in chemistry. The course reviews basic concepts and processes and provides greater depth and more extensive laboratory experience in specific topic areas. In addition, students are introduced to organic and biochemistry and use of sophisticated instruments. Students are expected to take the AP exam, but that exam is not part of the course grade.
Bio Tech Genetics 1/2
- 1 Credit /1Year- Grade 10 - 12
- HCT, CSC
- CADR
- Prerequisite: Completion of Algebra I, Biology, Physics B, Chemistry B
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: Daily, 30 minutes
This course focuses on the application of the biological sciences, biochemistry, and genetics to the preparation of new and enhanced agricultural, environmental, clinical, and industrial products, including the commercial exploitation of microbes, plants, and animals. Includes instruction in bioinformatics, gene identification, phylogenetics and comparative genomics, bioinorganic chemistry, immunossaying, DNA sequencing, xenotransplantation, genetic engineering, industrial microbiology, drug and biologic development, enzyme-based production processes, patent law, biotechnology management and marketing, applicable regulations, and biotechnology ethics.
Concurrent with ChemB/PhysB w/ teacher permission.

Marine Science 1/2 (2021-22)
- 0.5 credit per semester (may be taken separately or together. Marine science 1 is NOT a prerequisite for Marine Science 2) – 10, 11, 12
- HSC, CCT
- CADR
- Prerequisite: A full year of Biology and second semesters of both Physics and Chemistry
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: Daily, 30-45 minutes
Marine science I is a study of the physical and biological oceanography. The course will focus on the following topics: Earth geological and biological history, navigation and maps, chemistry of seat water, waves, tides, currents and marine ecosystems.
Marine science II is a study of the physical and biological oceanography. The course will focus on the following topics: Invertebrate phyla, chordates and intertidal ecosystems. Instruction relies heavily on laboratory activities, classroom projects and beach and aquarium visitations.
Both semesters will focus on NGSS standards in Earth and Space, Engineering, Biology, Physics and Chemistry. Learning will be primarily through project and problem-based learning deeper learning projects.
Career & Technical Education

CTE graduation requirement: 1.0 credits (2 semesters)

Business:
Entrepreneurship (Student Store) (2021-22)
- 0.5 Credit / 1 Semester - Grade 10, 11,12
- Meets Career Technical Education graduation requirement
- CADR
- Prerequisite: None
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: As Needed

This class is focused on design theory as implemented by the Stanford D School and the Henry Ford Institute. Utilizing 21st Century skills, students will design products and businesses that meet customer needs and/or address unmet needs in the commercial, social and global economy. Through experimental learning, case studies, business writing assignments and creative thinking exercises, students will develop a disciplined thought process for starting and running their own enterprise and begin the development of a business plan. In addition, students are involved in DECA (Distributive Education Clubs of America) and leadership activities, such as attending professional conferences and community service events.

Introduction to Business (2021-22)
- 0.5 Credit / 1 Semester - Grade 11,12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: $20
- Materials Required: None
- Homework: As Needed

This course focuses on the general study of business, including the processes of interchanging goods and services (buying, selling and producing), business organization, and accounting as used in profit-making and nonprofit public and private institutions and agencies. Topics of study may include world trade, stock market, housing, banks, finance, ethics, management and global business.

Business & Personal Finance (2021-22)
- 0.5 Credit / 1 Semester - Grade 11,12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: $20
- Materials Required: None
- Homework: As Needed

Personal Finance prepares students for life after high school and focuses on important life skills. These skills include balancing a monthly budget, opening a checking and savings account, managing credit and strategies for staying out of debt, understanding our paycheck, paying taxes, renting an apartment, buying a home, purchasing a car and investment options and career exploration.

Marketing 1 (2021-22)
- 0.5 Credit / 1 Semester - Grade 10, 11,12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: As Needed

Marketing offers applied learning as students develop skills which are essential in the business world. This course helps students develop 21st Century skills such as speaking, presenting and critical thinking. Units include economic systems, product development, business simulations, advertising, salesmanship and elementary free enterprise teaching projects. In addition, students are involved in DECA (Distributive Education Clubs of America) and leadership activities such as attending conferences and participating in competitions and community service events.

Marketing 2 (2021-22)
- 0.5 Credit / 1 Semester - Grade 10, 11,12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: As Needed

Marketing 2 is the second of four courses that introduce students to the world of marketing including business and marketing functions, risk management, finance, marketing operations and specialized career development - in the area of the student’s interest. A central focus throughout the course will be the development of soft skills including teamwork, oral communication, written communication, and decision-making. Students can participate in DECA. Prerequisite: Marketing 1 or concurrent enrollment in Marketing 1.
Culinary Arts/Hospitality:

**Baking & Pastry (2021-22)**
- 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: $20
- Materials Required: None
- Homework: As Needed

Want to impress your friends and palate with creative and fun desserts!? Do you love the smell of fresh bread baking? This is a semester introduction to culinary arts that focuses on basic baking and pastry skills. Learn to create and plate gourmet desserts, pastries, breads, and quick breads. Experiment with chocolate and other desserts while building basic math skills like measuring using scales and the metric system. Learn basic safety and sanitation skills while in the kitchen as well as develop food service and marketing skills. You will also be able to explore food photography and journalism through this class as well as participate in community and school catering events.

**Culinary Arts 1A (2021-22)**
- 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: $30 + Food Handler Permit
- Materials Required: None
- Homework: As Needed

Culinary Arts 1A is an in-depth course for students wishing to explore careers in a variety of food service industry fields. Students enrolled in the class learn techniques in a variety of cooking methods. Students practice safety and sanitation procedures, cooking fundamentals, and catering. Students learn to accept leadership responsibility and be part of a team while demonstrating the skills and attitudes that contribute to a productive and safe working environment.

**Exploring Hospitality (2021-22)**
- 0.5 Credit / 1 Semester - Grade 10, 11,12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: $30
- Materials Required: None
- Homework: As Needed

The course is for students who are interested in Hospitality, Tourism and Recreation and includes skills and practices that lead to these valuable and diverse high-demand careers. The course introduces students to a wide variety of interesting careers and professions. Students learn about the sectors of the hospitality and tourism, including transportation, lodging, food and beverage and entertainment and use applied learning, leadership projects in FCCLA, and job shadows to personalize their interests and learning.

**Culinary Arts 1B (2021-22)**
- 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: $30 + Food Handler Permit
- Materials Required: None
- Homework: As Needed

Culinary Arts 1B covers a variety of food preparations, continues nutrition, food and beverage service, safety and production methods in school and outside the program. Industry skills lead to culinary, hospitality, and food service careers.
Media Arts/Computer Science/Engineering

*Human Centered Design (Engineering & Design Development 1)
  - 0.5 Credit / 1 Semester - Grade 9 (Required) 10, 11, 12 (as needed)
  - HCT
  - CADR
  - Prerequisite: None
  - Suggested Lab Fee: $20
  - Materials Required: None
  - Homework: As Needed

This course prepares students to apply art and design principles through a variety of project-based learning experiences. Includes instruction in photography, drawing/painting, printmaking, design thinking, shop tools, computer-aided drafting and manufacturing, and 21st century skills. Students will have the opportunity to work with the tools and technology provided in Lincoln’s Fab Lab.

*Engineering & Design Development 2
  - 0.5 Credit / 1 Semester - Grade 9, 10, 11, 12
  - HCT
  - CADR
  - Prerequisite: Design & Engineering 1
  - Suggested Lab Fee: $20
  - Materials Required: None
  - Homework: As Needed

Prerequisite: Eng & Design Dev 1. This course expands the STEM concepts and knowledge base learned in Design & Engineering 1. The class covers more in-depth and demanding curriculum pathway that can lead students to engineering, computer programming, industrial technology or other related courses and careers. This course is tied to national math and science standards.

+Graphic Design Beginning
  - 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
  - HCT, CFA
  - CADR
  - Prerequisite: None
  - Suggested Lab Fee: None
  - Materials Required: None
  - Homework: As Needed

Graphic Design Beginning is an introductory course that teaches the fundamentals of creatively and effectively communicating through digital images. Employing both traditional and digital tools, students learn graphic design skills, software, and industry standards. This course can be cross credited for Fine.

+Graphic Design Advanced
  - 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
  - HCT, CFA
  - CADR
  - Prerequisite: None
  - Suggested Lab Fee: None
  - Materials Required: None
  - Homework: As Needed

Graphic Design Advanced emphasizes the development of an individual style and creative approach to design. Students are challenged to grow as an independent learner with more complex and open-ended design assignments. Students explore real-world, client-based projects such as Yearbook or promotional materials for the district, school, or class. This course can be cross credited for Fine Arts. This course may be repeated for credit.

+Photography Beginning
  - 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
  - HCT, CFA
  - CADR
  - Prerequisite: None
  - Suggested Lab Fee: $40 (materials and supplies)
  - Materials Required: Access to a personal camera preferred (DSLR cameras are ideal); some classroom cameras available.
  - Homework: Frequent photo shoots completed outside of class

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

+Photography Advanced
  - 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
  - HCT, CFA
  - CADR
  - Prerequisite: Photography Foundations
  - Suggested Lab Fee: $40 (materials and supplies)
  - Materials Required: Access to a personal camera preferred (DSLR cameras are ideal); some classroom cameras available.
  - Homework: Frequent photo shoots completed outside of class

Photography Advanced is designed for students interested in expressing their personal creative vision through photography. Students in this course develop their own ideas through open-ended assignments and explore photography as a potential career pathway. This course can be cross credited for Fine Arts. This course may be repeated for credit.
you are expected to be professional and considerate when preforming your duties. Digital SLR cameras are available for checkout daily. Your work will pay off - colleges recognize the huge commitment that students make when they see this class on transcripts.

**Intro to Programming**
- 0.5 Credit / 1 Semester - Grade 9-12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: $30
- Materials Required: None
- Homework: As Needed

Computer Science provides students with the skills and knowledge to understand the technology they use daily and to extrapolate this knowledge to understand and use emerging technologies. This course is modeled on Level 2 objectives from the Association of Computing Machinery (ACM) K-12 Computer Science Model Curriculum and will emphasize a project-based integrated format of lessons that emphasize a way of problem solving and thinking as a computer scientist. Content areas include human interface interaction; problem solving; and introduction to programming using Python primarily. Students will learn or build on prior knowledge of what programmers and computer scientists do and how technologists think. Students will earn a .5 CTE credit for the course.

**Robotics 1**
- 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: $30
- Materials Required: None
- Homework: As Needed

This course will provide students with hands-on practical knowledge of electronic devices that are controlled by microprocessors, and the skills to make such devices work. Students learn to design and build devices that detect their surroundings, move, make noise, play music, communicate, and respond to remote control. In the process these students become programmers with the C language. Among the skills learned are programming microcomputers, parts identification, reading electronic schematics, circuit breadboarding, circuit board fabrication, drilling, parts insertion, and soldering.
Robotics 2
- 0.5 Credit / 1 Semester - Grade 10, 11, 12
- HCT
- CADR
- Prerequisite: Robotics 1
- Suggested Lab Fee: $30
- Materials Required: None
- Homework: As Needed
This is a continuation of Robotics 1 working on projects. Among the projects are a musical instrument that changes pitch and volume as the hands are moved toward and away from a sensor, a rolling robot that detects and avoids obstacles, a rolling robot that is controlled by an infrared remote. A laser-tag system and various other student chosen projects.

+AP Comp Sci A 1/2
- 1 Credit / 1 Year - Grade 10, 11, 12
- HCT, CSC, CMA
- CADR
- Prerequisite: Algebra 1 recommended
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily 30-60 minutes
The Advanced Placement Program offers an introductory course and exam in computer science. The course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development and is meant to be the equivalent of a first-semester college-level course in computer science. It also includes the study of data structures, design, and abstraction. Students will be able to design and implement solutions to problems by writing, running, and debugging computer programs using the programming language Java. Students are expected to take the AP exam, but that exam is not part of the course grade.

+AP Comp Sci Principles ½ (2021-22)
- 1 Credit / 1 Year - Grade 10, 11, 12
- HCT, CSC, CMA
- CADR
- Prerequisite: Some familiarity with computers.
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily 30-60 minutes
The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. Students develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course fosters student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. Students are expected to take the AP exam, but that exam is not part of the course grade.
Human Development

Intro to Medical Careers
- 0.5 Credit / 1 Semester - Grade 9, 10, 11, 12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

This is a semester long career and technical education course designed as an introductory course in the Health and Medical Pathway. In this course, students will be asked to apply their understanding of social and cultural conditions surrounding equity and access to the health care system in order to explore the promotion and protection of community health. The course focuses on the interrelationships of career exploration and foundation skills necessary for a career in the Healthcare field. Topics include History and Trends of Healthcare, Personal and Professional Qualities of a Healthcare Worker, Legal and Ethical Responsibilities, Emergency Care, Infection Control, Medical Math, Wellness and Nutrition, Client Status and Medical Terminology.

Independent Living (2021-22)
- 0.5 Credit / 1 Semester - Grade 9, 10, 11, 12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

Have you already started getting credit card offers in the mail? Have you wondered how you are going to get a job after school? Come join this course that allows you to explore the tools to live on your own and be successful in "the real world. Learn how to make money from your own money through saving and investing. Explore many other personal finance topics like credit, taxes, stock market, budgeting, and banking. Also included in this course are: cooking on a budget, basic easy meals, housing and interior design issues, clothing care, financial literacy, insurance, internet safety, buying versus renting a home, living with roommates, the college financial process, sustainable housing and leases, using your voice to make a difference, presentation skills, career exploration and preparation, leadership opportunities, auto purchasing and basic maintenance, emergency planning, and much more!

Nutrition & Wellness (2021-22)
- 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
- HCT, CSC
- CADR
- Prerequisite: Health
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

This class is designed for students who have an interest in learning more about how food affects our short and long-term health. You will learn basic nutrition principles, as well as how to meal plan for multiple different body types and people. We will discuss different types of diets and how they work or don't work for all. We will learn how to read food labels properly and how-to grocery shop efficiently for the most nutrient dense foods. We will learn about the GMO’s and Organic Foods, as well as looking at the ethical, environmental and political relationship nutrition has on our world and specifically in the US. This class cannot be repeated for credit.

Psychology (2021-22)
- 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
- HCT, CSS, HSS
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

This course explores the nature of human behavior and attempts to explain why people act the way they do. Psychology is the study of human intellectual, social, and emotional development. Topics to be addressed will include sensory exploration, ethics, states of consciousness, growth and development, learning, intelligence, memory, emotion, personality, social psychology, and disorders. Students explore course material through group activities, projects, educational videos, and selected readings.

AP Psychology 1/2 (2021-22)
- 1 Credit / 1 Year - Grade 10, 11, 12
- HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

The AP Psychology course is designed to introduce students to the systematic and scientific study of behavior and mental processes of humans and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major areas within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students are expected to take the AP exam, but that exam is not part of the course grade.
Health & Physical Education

Health - .5 credits (1 semester)/ PE - 1.5 credits (3 semesters)

**Health**
- 0.5 Credit / 1 Semester - Grade 9 (Requirement), Grades 10, 11, 12
- HHE, HCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

This course provides education on what all students should know and be able to do in a high school career in physical education. This course will include teaching communication skills to protect their health and that of the community.

**Personal Fitness**
- 0.5 Credit / 1 Semester - Grade 9 (Requirement), 10, 11, 12
- HPE
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: Exercise Attire
- Homework: As Needed

This required course will be the starting point for a student's high school career in physical education. This course will include teaching what all students should know and be able to do in physical education.

**Individual Activity (Spin and Yoga)**
- 0.5 Credit / 1 Semester - Grade 10, 11, 12
- HPE
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: Exercise Attire
- Homework: As Needed

This course provides the skills and knowledge to promote lifetime fitness. The predominant focus on will be on Spin & Yoga. Diverse fitness activities may also be covered such as cardio walking/jogging, core work, Pilates, Zumba, step aerobics and other fitness activities.

**Team Sports**
- 0.5 Credit / 1 Semester - Grade 10, 11, 12
- HPE
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: Exercise Attire
- Homework: As Needed

This course presents the opportunity for each student to participate in a variety of team sports. Class emphasis is on developing both fundamental skills and complex skill combinations and strategies. This class builds a connection between skill-related fitness and the goal of improved performance. An ongoing focus is to understand and anticipate how physical activity promotes wellness throughout one's life. Unit examples include soccer, softball, flag football, basketball, volleyball, ultimate frisbee, floor hockey, team handball, Gaelic football and fitness activities.

**Strength & Conditioning**
- 0.5 Credit / 1 Semester - Grade 10, 11, 12
- HPE
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: Exercise Attire
- Homework: As Needed

This course gives students the opportunity to participate and apply principles of strength training through a variety of activities in and out of the weight room. Areas of focus include muscle endurance and strength but also involve work on power, speed, flexibility, cardiorespiratory endurance, speed and agility. Activities include core development, proper lifting techniques & a personalized lifting program.

**Unified PE (2021-22)**
- 0.5 Credit / 1 Semester - Grade 9, 10, 11, 12
- HPE
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: Exercise Attire
- Homework: As Needed

The purpose of this class is to bring all ability levels together in an inclusive learning environment, where the pace and content of the class is respectful to all types of learners. Opportunities for peer support and encouragement for collaboration in team building activities, individual sports, exercises, using adaptive materials, and rhythmic activities. Movement, scaffolding of skills, and positive peer support are constant and critical fitness skills are emphasized simultaneously in a team building activities. Both groups of students learn about each other in a setting where a focus is placed on their strengths. This class will follow the physical education core curriculum and enhance teaching and learning skills for students.
Visual and Performing Arts

Visual & Performing Arts graduation requirement: 2.0 credits
(4 semesters)

Music - Choral:

+Concert Choir
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HFA, CCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: $15
- Materials Required: Theory Book
- Homework: Practice and performance as needed

Students in this year-long course participate in an intermediate to advanced choral performing ensemble that performs quality choral literature from a variety of genres and cultures. Students learn vocal technique and musicianship skills. Students perform in school concerts and regional festivals. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

+Chorale A&B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HFA, CCT
- CADR
- Prerequisite: Audition
- Suggested Lab Fee: $15
- Materials Required: Theory Book
- Homework: Practice and performance as needed

This advanced year-long course is designed to prepare the serious choral student for choral music experiences beyond high school. Chorale is an advanced choral performing ensemble. Students perform quality choral literature from a variety of genres, cultures, and styles, and learn correct vocal technique and musicianship skills. This course is a continuation of the choir sequence. Students perform in school concerts and regional festivals. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit. This course is auditioned and open to students 9-11.

Vocal Jazz (2021-22)
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HFA, CCT
- CADR
- Prerequisite: Audition
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Practice and performance as needed

This advanced course is designed for advanced musicians with an interest in jazz music. Vocal Jazz is a small mixed-voices ensemble for advanced singers and rhythm section. Students learn about various jazz styles and concepts, including improvisation and jazz theory. Students perform in school concerts and regional festivals. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course is auditioned. Students must also be enrolled in concert choir or choral, or by approval of director.
Music - Instrumental:

Concert Band A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HFA
- CADR
- Prerequisite: Previous experience on appropriate instrument
- Suggested Lab Fee: A $40-$50 uniform fee will be required and there is a rental fee for use of school-owned instruments.
- Materials Required: None
- Homework: Practice and performance as needed

This course may be repeated for credit.

Wind Ensemble A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HFA, CCT
- CADR
- Prerequisite: Director’s Permission. Must play one of the Standard woodwinds, brass, or percussion instruments.
- Suggested Lab Fee: A $40-$50 uniform fee will be required and there is a rental fee for use of school-owned instruments.
- Materials Required: None
- Homework: Practice and performance as needed

This course may be repeated for credit.

Percussion Ensemble A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HFA
- CADR
- Prerequisite: Teacher signature and audition in June. Experience in percussion
- Suggested Lab Fee: A $40-$50 uniform fee will be required and there is a rental fee for use of school-owned instruments.
- Materials Required: Drumsticks and mallets as needed
- Homework: Practice and performance as needed
- HFA, CCT

This course may be repeated for credit.

Piano Lab
- 0.5 Credit / 1 Semester - Grade 9, 10, 11, 12
- HFA
- CADR
- Prerequisite: None
- Suggested Lab Fee: $20
- Materials Required: None
- Homework: As needed

This course may be repeated for credit.

Guitar Lab
- 0.5 Credit / 1 Semester - Grade 9, 10, 11, 12
- HFA
- CADR
- Prerequisite: None
- Suggested Lab Fee: $20
- Materials Required: Acoustic Guitar Recommended
- Homework: As needed

This course may be repeated for credit.
Concert Orchestra A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HFA
- CADR
- Prerequisite: Previous experience on a string instrument
- Suggested Lab Fee: $20 coaching fee annually (does not include cost of ensemble field trips)
- Materials Required: None
- Homework: 120 Minutes of weekly practice or private lessons
- HFA, CCT

This year-long performing ensemble is for intermediate to advanced students of String instruments, and may also include Wind, Brass, and Percussion instruments. Orchestra students play a wide variety of music from different cultures and time periods and perform in school concerts and regional festivals. Students develop skills in tone production, phrasing, rhythmic and aural acuity, and the advancement of technical skills. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

Chamber Orchestra A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HFA, CCT
- CADR
- Prerequisite: Teacher signature and audition in June. Experience on a String Instrument
- Suggested Lab Fee: $20 coaching fee annually (does not include cost of ensemble field trips)
- Materials Required: None
- Homework: 120 minutes weekly practice or private lessons
- HFA, CCT

This year-long performing ensemble is for advanced students who play violin, viola, cello, and bass. Orchestra students play a wide variety of music from different cultures and time periods and perform in school concerts and regional festivals. Students develop advanced skills in tone production, phrasing, rhythmic and aural acuity, and the advancement of technical skills such as shifting, vibrato, bow control, and posture. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit. This course is auditioned.

Symphony Orchestra A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HFA, CCT
- CADR
- Prerequisite: Should have previous experience on a wind instrument
- Suggested Lab Fee: $20 coaching fee annually (does not include cost of ensemble field trips)
- Materials Required: None
- Homework: 120 minutes weekly practice or private lessons

This year-long performing ensemble is for advanced students of String, Wind, Brass, and Percussion instruments. Orchestra students play a wide variety of music from different cultures and time periods and perform in school concerts and regional festivals. Students develop advanced skills in tone production, phrasing, rhythmic and aural acuity, and the advancement of technical skills. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit. This course is auditioned. Students must also be enrolled in concert orchestra, or by approval of director.

AP Music Theory A&B (2021-22)
- 1 Credit / 1 Year - Grade 11, 12
- HFA
- CADR
- Prerequisite: Basic music reading skills in at least one clef
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Daily Homework 30 minutes plus AP exam preparation

This advanced music course is intended for students to gain a first-year college level understanding of Western tonal music theory. Students in the first semester develop their understanding of written tonal theory, aural music dictation, sight-singing, and repertoire analysis. Students are strongly encouraged to be concurrently enrolled in a music ensemble or have other musical experience.
Theater:

**Theatre Beginning**
- 0.5 Credit / 1 Semester – Grade 9, 10, 11, 12
- HFA
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As needed

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

**Theatre Intermediate**
- 0.5 Credit / 1 Semester – Grade 9, 10, 11, 12
- HFA
- CADR
- Prerequisite: Theatre 1 – Introduction to Theatre
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As needed

This intermediate course explores the art of creating character and commanding the attention of an audience during performance. The course includes analysis of contemporary and classic scripts, professional blocking and directing, and preparing monologues for auditions. Students will utilize self-direction to collaborate in small groups and an openness to critical feedback and reflection.

**Theatre Advanced**
- 0.5 Credit / 1 Semester – Grade 9, 10, 11, 12
- HFA
- CADR
- Prerequisite: Theatre 2 – Theatre Fundamentals
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As needed

This advanced course expands exposure to contemporary and classic plays, broadens student repertoire of audition material, and explores specialized acting skills. The course may include topics such as advanced acting methods, resume development, movement-based acting techniques, pantomime, mask work, improvisation, stage combat, stage make-up, or creative drama.

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**+Technical Theatre Beginning**
- 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
- HCT, CFA, HFA
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

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

**+Technical Theatre Advanced**
- 0.5 Credit / 1 Semester - Grade 9, 10, 11,12
- HCT, CFA, HFA
- CADR
- Prerequisite: Foundations of Tech Theater
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As Needed

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

Theatre Play Production (Auditions Spring 2021)
- 0.5 Credit / 1 Semester - Grade 10, 11, 12
- HFA, CCT
- CADR
- Prerequisite: Audition
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As needed

This course prepares students to use the skills and techniques of acting and performance in one or more plays produced for a public audience. This course mirrors professional theater standards, culminating with a full-scale production of a play. Students enrolled in the course may also have opportunities to work in areas of theatre production including directing, scenic design and construction, costuming, properties, stage management, promotions and publicity. Students may receive CTE credit after fulfilling all Fine Arts requirements. This will be an auditioned, after-school commitment for credit.

Musical Theatre Production (Auditions Fall 2020)
- 0.5 Credit / 1 Semester - Grade 10, 11, 12
- HFA, CCT
- CADR
- Prerequisite: Audition
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As needed

This course prepares students to synthesize the skills and techniques of acting, singing, dancing and performance into a musical theatre production for a public audience. Throughout this process students develop community by working as an ensemble. This course mirrors professional theater standards, culminating in a full-scale production of a musical. Students may receive CTE credit after fulfilling all Fine Arts requirements. This will be an after-school commitment for credit.
Visual Arts

*Drawing & Painting Beginning
- 0.5 Credit / 1 Semester - Grade 9, 10, 11, 12
- HFA
- CADR
- Prerequisite: None
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: As needed

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

*Drawing & Painting Advanced
- 0.5 Credit / 1 Semester - Grade 9, 10, 11, 12
- HFA
- CADR
- Prerequisite: Drawing/Painting
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: As needed

Drawing and Painting Advanced is intended for students who want to further their knowledge and experience in drawing and painting media. Students in this course will continue to create art and explore the relationship between observation, artistic vision, and composition in an advanced setting. Students will explore media and ideas with more independence and demonstrate responding and reflecting on their own work and that of others. Students will produce a portfolio of work at the end of this course. Students may receive CTE credit after fulfilling all Fine Arts credit requirements. This course may be repeated for credit.

*Ceramics Beginning
- 0.5 Credit / 1 Semester - Grade 9, 10, 11, 12
- HFA
- CADR
- Prerequisite: None
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: As needed

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

*Ceramics Advanced
- 0.5 Credit / 1 Semester - Grade 9, 10, 11, 12
- HFA, CCT
- CADR
- Prerequisite: Ceramics
- Suggested Lab Fee: $40
- Materials Required: None
- Homework: As needed

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

+AP Art and Design A/B
- 1 Credit / 1 Year - Grade 10, 11, 12
- HFA, CCT
- CADR
- Prerequisite: Drawing and Painting ability
- Suggested Lab Fee: $40 per semester (materials and supplies)
- Materials Required: None
- Homework: 6+ Hours /Week

The AP Art and Design course presents an inquiry-based approach to learning about art and design. Students are expected to conduct in-depth and sustained investigation of materials, processes and ideas with a media focus, (Drawing, 2D and 3D art), to help students become inquisitive, thoughtful artists and designers. This course continues for a second semester where students continue to develop their portfolio work in preparation for AP College Board submission. Students further develop their personal voice in the visual arts as they work in their chosen media or focus. Student work is developed for a portfolio that will be submitted to the AP College Board for review and scoring. This course is recommended but not limited to students looking to apply to art colleges after high school. Students may receive CTE credit after fulfilling all Fine Arts credit requirements.
World Language
World Language graduation requirement: 2.0 credits (4 semesters)

*French 1 A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HWL
- CADR
- Prerequisite: None
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 60-120 minutes

This Course allows students to develop basic proficiency in the four skills of communication: listening, speaking, reading, and writing. Content includes vocabulary common to daily needs knowledge and use of formal and informal register, basic grammatical structures, comprehension of familiar topics, development of sensitivity to, and an acceptance of cultural differences. Students are expected to actively participate in class, memorize vocabulary, and practice grammar outside of class.

*French 2 A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of French 1 with C or better or teacher recommendation
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 60-120 minutes

This class allows further development and reinforcement of basic proficiency in the four skills of communication mentioned in Level 1 as they relate to expansion of vocabulary, grammatical structures, guided composition and conversation, and culture studies in the language. Two years toward the two-year college/university admission requirement met upon successful course completion.

*French 3 A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of French 2 with C or better or teacher recommendation
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

Level 3 is an extension and expansion of Level 2 with additional emphasis on conversation and writing. Grammar is reviewed, practiced and reinforced. Students work toward total immersion in the target language.

*French 4 A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of French 3 with C or better or teacher recommendation
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

Advanced foreign language classes give students an opportunity to experience and discuss literature, history, art, and current events. This course will be taught entirely in the target language. Students refine communication skills by using authentic cultural material, films, videos, magazines, and newspapers. Students work toward total immersion in the selected language.

AP French Language & Culture A/B (2021-22)
- 1 Credit / 1 Year - Grade 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of French 4 with B- or better or teacher recommendation
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

The rigor of this course is the equivalent of a third-year college course in advanced composition and conversation. It includes aural/oral skills, reading comprehension of varied materials, grammar and composition. Communication objectives are comprehension of formal and informal language, acquisition of vocabulary, composition of expository passages and ability to express ideas and opinions orally and in writing with accuracy. Students are expected to take the AP exam, but that exam is not part of the course grade.

French Independent Study (Career Applications of Language in French) (2021-22)
- 1 Credit / 1 Year - Grade 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of AP French with B- or better or teacher recommendation
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

This course is intended for students who successfully complete AP course and want to continue studying the language at the advanced level. Main course topics will revolve around career applications of language and how to use chosen language as a career or to advance future careers. Students will also deepen their understanding of the chosen language and culture by exploring advanced readings and participating in extended discussions on advanced topics of interest. They will engage in research to explore selected career topics in depth.
Japanese 1 A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HWL
- CADR
- Prerequisite: None
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 60-120 minutes

This Course allows students to develop basic proficiency in the four skills of communication: listening, speaking, reading, and writing. Content includes vocabulary common to daily needs, knowledge and use of formal and informal register, basic grammatical structures, comprehension of familiar topics, development of, sensitivity to, and an acceptance of cultural differences. Students are expected to actively participate in class, memorize vocabulary, and practice grammar outside of class.

Japanese 2 A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of Japanese 1 with C or better or teacher recommendation
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 60-120 minutes

This class allows further development and reinforcement of basic proficiency in the four skills of communication mentioned in Level 1 as they relate to expansion of vocabulary, grammatical structures, guided composition and conversation, and culture studies in the language. Two years toward the two-year college/university admission requirement met upon successful course completion.

Japanese 3 A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of Japanese 2 with C or better or teacher recommendation
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

Level 3 is an extension and expansion of Level 2 with additional emphasis on conversation and writing. Grammar is reviewed, practiced and reinforced. Students work toward total immersion in the target language.

Japanese 4 A/B
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of Japanese 3 with C or better or teacher recommendation
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

Advanced foreign language classes give students an opportunity to experience and discuss literature, history, art, and current events. This course will be taught entirely in the target language. Students refine communication skills by using authentic cultural material, films, videos, magazines, and newspapers. Students work toward total immersion in the selected language.

*AP Japanese Language & Culture A/B (Japanese 5)
- 1 Credit / 1 Year - Grade 10, 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of Japanese 4 with B- or better or teacher recommendation
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

The rigor of this course is the equivalent of a college course in advanced composition and conversation. It includes aural/oral skills, reading comprehension of varied materials, grammar and composition. Communication objectives are comprehension of formal and informal language, acquisition of vocabulary, composition of expository passages and ability to express ideas and opinions orally and in writing with accuracy. Students are expected to take the AP exam, but that exam is not part of the course grade.

Japanese Independent Study (Career Applications of Language in Japanese) (2021-22)
- 1 Credit / 1 Year - Grade 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of AP Japanese with B- or better or teacher recommendation
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

This course is intended for students who successfully complete AP courses and want to continue studying the language at the advanced level. Main course topics will revolve around career applications of language and how to use chosen language as a career or to advance future careers. Students will also deepen their understanding of the chosen language and culture by exploring advanced readings and participating in extended discussions on advanced topics of interest. They will engage in research to explore selected career topics in depth.
Spanish 1 A/B

- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HWL
- CADR
- Prerequisite: None
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 60-120 minutes

This Course allows students to develop basic proficiency in the four skills of communication: listening, speaking, reading, and writing. Content includes vocabulary common to daily needs, knowledge and use of formal and informal register, basic grammatical structures, comprehension of familiar topics, development of, sensitivity to, and an acceptance of cultural differences. Students are expected to actively participate in class, memorize vocabulary, and practice grammar outside of class.

Spanish 2 A/B

- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of Spanish 1
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 60-120 minutes

This class allows further development and reinforcement of basic proficiency in the four skills of communication mentioned in Level 1 as they relate to expansion of vocabulary, grammatical structures, guided composition and conversation, and culture studies in the language. Two years toward the two-year college/university admission requirement met upon successful course completion.

Spanish 3 A/B

- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of Spanish 2
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

Level 3 is an extension and expansion of Level 2 with additional emphasis on conversation and writing. Grammar is reviewed, practiced and reinforced. Students work toward total immersion in the target language.

Spanish 4 A/B

- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of Spanish 3
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

This class give students an opportunity to experience and discuss literature, history, art, and current in the target language. Students refine communication skills by using authentic cultural material, films, videos, magazines, and newspapers.

AP Spanish Language & Culture A&B (Spanish 5)

- 1 Credit / 1 Year - Grade 10, 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of Spanish 4 with B- or better or teacher recommendation
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

The rigor of this course is the equivalent of a college course in advanced composition and conversation. It includes aural/oral skills, reading comprehension of varied materials, grammar and composition. Communication objectives are comprehension of formal and informal language, acquisition of vocabulary, composition of expository passages and ability to express ideas and opinions orally and in writing with accuracy. Students are expected to take the AP exam, but that exam is not part of the course grade.

AP Spanish Literature A&B (Spanish 6)

- 1 Credit / 1 Year - Grade 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of AP Spanish Language & Culture
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

The basic program exposes students to a wide variety of genres and types of discourse and will enable student to trace the history of Spanish prose from Don Juan Manuel to modern times through some of its most brilliant practitioners including Pablo Neruda, Gabriel Garcia Marquez and Isabel Allende. Through a structured progression of topics students will gain the knowledge and skills that will enable them to think critically and logically while speaking and writing in Spanish. Students are expected to take the AP exam, but that exam is not part of the course grade.
Spanish Independent Study (Career Applications of Language in Spanish) (2021-22)

- 1 Credit / 1 Year - Grade 11, 12
- HWL
- CADR
- Prerequisite: Successful Completion of AP Spanish with B- or better or teacher recommendation
- Suggested Lab Fee: Student workbook fees vary
- Materials Required: Workbook
- Homework: Weekly, 120-180 minutes

This course is intended for students who successfully complete AP course and want to continue studying the language at the advanced level. Main course topics will revolve around career applications of language and how to use chosen language as a career or to advance future careers. Students will also deepen their understanding of the chosen language and culture by exploring advanced readings and participating in extended discussions on advanced topics of interest. They will engage in research to explore selected career topics in depth.
Special Programs

*ELD Adjunct
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- Meets Electives graduation requirement
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As needed
This mixed-grade course is designed to support English Language Learners, who are in mainstream core courses. It is a small, personalized class in which the primary aims are goal setting, prioritization and reflection, all with a view to building stronger learning strategies and habits. Students will have some portion of each week to work on mainstream coursework. In addition to the goal setting and prioritization, day to day activities will range from basic reading and writing skills (such as close reading skills, and narrative and expository writing) to Social Studies skills (such as map skills and current events) to more general skills (such as interviewing techniques, speech and presentation, vocabulary development).

*Focus
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- Meets Electives graduation requirement
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: As needed
The fundamental objective of this course is to improve every student's achievement in all other classes. Practice in this course will seek to arm students with strategies and skills to be successful in the general education curriculum. Needed skills will be taught using differentiated workshops, large group, small group and individualized instruction. Supplementary instruction may be provided by various computer-assisted instructional packages. Additionally, this course provides resources and extended learning to students with Individualized Education Plans (IEPs). Students will receive Specially Designed Instruction (SDI) outlined in their IEPs in reading, math, written expression, behavior, communication and executive functioning skills. Students will be expected to stay fully engaged in SDI lessons, working on current classroom assignments, make-up work, reading, academic planning, and improving study and organizational skills.

Additional Course Choices

Leadership
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HUE, CCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Participation in Activities as Assigned
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 focused not only on developing lasting leadership capacity, but 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.

Advanced Leadership (Project Management)
- 1 Credit / 1 Year - Grade 9, 10, 11, 12
- HUE, CCT
- CADR
- Prerequisite: None
- Suggested Lab Fee: None
- Materials Required: None
- Homework: Participation in Activities as Assigned
This class is an introduction to Project Management in Contemporary Organizations. It includes the role of the project manager characteristics and attributes of successful project managers; and the challenges of managing projects in a multicultural, global environment. The class covers Project Selection Criteria, the project planning systems, work breakdown structure analysis, negotiation and conflict resolution to facilitate planning. The course will cover the process and guidelines for developing a schedule; the construction of Gantt Charts, CPM and PERT methods.