



LCHS COURSE GUIDE
2024-2025

What do I need to graduate?



Graduation Requirements

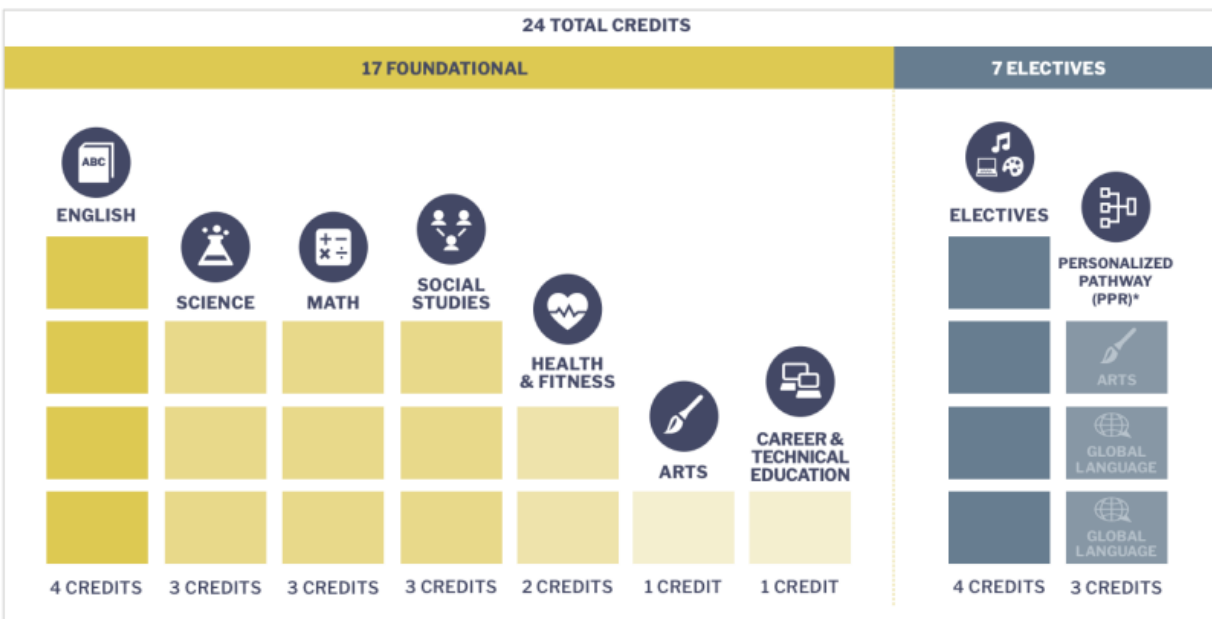
All Washington public school students must meet the following non-credit, credit, and graduation pathway requirements to graduate and enroll in a two-year or four-year college or technical school, enlist in the U.S. Military, or career training.

Non-Credit:

High School & Beyond Plan - A tool to guide students through high school and plan for their future. Plans are personalized and designed in <https://login.xello.world> to help students set, visualize, and work to achieve goals.

Washington State History – Usually met in middle school. If not, there is an online course option or a student may qualify for a waiver based on individual circumstances.

Minimum Credit Requirements for High School:



* Personalized Pathway Requirements (PPR) are electives in any subject that align with the student's interests and their High School and Beyond Plan. The arts and world language credits can be replaced with other electives, based on the student's plan.

**The 3rd credit of science and the 3rd credit of math are chosen by the student based on the student's interest and High School and Beyond Plan, and approved by the parent or guardian, or if the parent or guardian is unavailable or does not indicate a preference, the school counselor or principal (WAC 180-51-068).

Graduation Pathways: Class of 2024 and Beyond

- Smarter Balanced HS Assessment or WA-AIM (ELA and/or math)
- Dual Credit - Earn College Credit in ELA and/or math through a dual credit course
- AP Courses or Exams - For both ELA and math, earn a 3 or higher on certain Advanced Placement (AP) exams
- SAT/ACT - Meet or exceed the graduation scores in the math and ELA portions
- Bridge to College Course - Pass a ELA and/or math Bridge to College course
- Performance-based Pathway – customizable student-centered goals focus
- ASVAB Score - Meet standard on the ASVAB (Armed Services Vocational Aptitude Battery)
- CTE Sequence - Complete sequence of CTE courses

Graduation Requirement Expectations

Students, in consultation with their parents and school counselor, are responsible for knowing and completing graduation requirements. Questions concerning requirements may be directed to the school counselor.

Other important information for scheduling



Class changes

Student-initiated class changes will be confined to a period of five days after the beginning of each semester. A detailed process involving the signature of the parent, the teacher to be dropped, and the teacher to be added, as well as the principal and counselor's approval must be followed. Students who drop or withdraw from a class after the twelfth day that it is in session will be subject to a failing grade in that class.

Report cards and progress reports

Students and parents may access grades through Skyward. Please contact the high school office at 360-263-1700 for your login information. End of semester report cards are found in the student's Portfolio tab.

Scheduling considerations for students in Performing Arts

Students seeking to participate in band, choir, or drama all four years of high school may decide to access on-line courses to create credit capacity. Please see a counselor for details.

Academic Acceleration

La Center School District will automatically enroll any student who demonstrates potential on multiple measures in the next most rigorous level of advanced courses or program that aligns with the student's high school and beyond plan goals. The district will automatically enroll students who meet or exceed the state standard on the eighth grade or high school English language arts or mathematics statewide student assessment in the next most rigorous level of advanced courses or program offered by the high school. Students who successfully complete an advanced course are then enrolled in the next most rigorous level of advanced course that aligns with the student's high school and beyond plan. Students may opt out of the academic acceleration policy and enroll in an alternative course or program that aligns with the student's high school and beyond plan goals. Please contact your school counselor for additional information (LCSD Policy 2195 and RCW 28A.320.195).



Advanced Placement (AP) Program

The mission of the La Center School District is to create a supportive learning environment that encourages each student to reach their fullest potential. Taking Advanced Placement (AP) classes offers you an opportunity to enter a world of knowledge and a learning environment that you might not otherwise experience in high school. By taking AP exams, you have the opportunity to earn credit or advanced standing at most of the nation's colleges and universities.

The greatest benefits of AP are the experience of improving your writing skills and sharpening your problem-solving techniques; developing the study habits necessary for tackling rigorous coursework; assuming the responsibility of reasoning, analyzing, and understanding for yourself; and studying subjects in greater depth and detail.

All students are encouraged to consider enrollment in one or more AP courses during their high school careers. Advanced Placement courses are college-level courses offered in high school. AP courses include frequent homework and involve extensive reading.

AP Incentive Policy

If a student has all assignments turned in for the entire semester, both semesters, and they have a 73% (C) or higher grade, and they pass the College Board AP Test in May with a 3 or a 4; their grade will be raised one letter grade BOTH semesters (or for whichever semester they qualify if they do not qualify both semesters).

If they pass the test with a 5 their grade will be raised two letter grades both semesters.

In both cases the grade would not exceed a 4.0 or A.

If a student takes the AP test, it will count in their AP class as having taken the second semester final, and they will be excused from taking a second semester final exam in their AP class. If a

student chooses not to take the AP test, they will be given a final test second semester of equal rigor to the College Board exam that counts toward their class grade at 30% of the class grade.

Students in AP courses may earn college credit or advanced placement if they perform well on rigorous national AP tests.

Weighted Grades and Rank in AP Program

For official transcript records (the transcript sent to employers, colleges and universities as requested by the student), all courses will be calculated on a 4.0 scale to determine overall Grade Point Average (GPA). For class rank purposes only, students who enroll in Advanced Placement (AP) will have their grades calculated on a 5.0 scale (rather than the 4.0 scale) to determine GPA. The last official class rank for senior year will be computed after 1st semester grades are posted to the transcript. Some colleges and universities use class rank as a factor in admissions decisions, in addition to overall GPA, courses taken, community exploration, extra-curricular activities, etc.

University admission requirements

Acceptance into most 4-year universities requires two or more years of a World Language. Additionally they require math of Algebra II or higher level along with a senior year quantitative math or science course. Please see your counselor if you have any questions.



Course pathways and course descriptions

Career & Technical Education



Business Education

Introduction to Business

Open to Grades: 9 - 12

Length of Course: Semester

Grad. Requirement:

CTE/Occupational or Elective

Prerequisite: None

Goals/Skill Developed: This class looks at 11 different majors of business: The Economy, Owning and Operating a Business, Groups Affecting Business, Marketing to the Consumer, Human Resources, Managing Financial and Technological Resources, Career Planning in a Global Economy, Buying Goods and Services, Credit, Money Management, and Risk Management (Insurance). All of these areas will be covered in depth throughout the semester.

Microsoft Office Suite

Open to Grades: 9 - 12

Length of Course: Semester

Grad. Requirement:

CTE/Occupational or Elective

Prerequisite: None

Goals/Skills Developed: This course provides an overview of Microsoft applications including Windows, the Office Suite: Word, PowerPoint, Excel, Access, Outlook, Project, and Publisher. Students will have the opportunity to earn

multiple Microsoft Office Specialist Industry Certifications.

Financial Literacy 1-2

Open to Grades: 11-12

Length of Course: Full Year

(Must take for full year to earn Math credit)

Grad Requirement: Math 3A/3B, CTE

Prerequisite: Algebra 1A/1B,

Geometry 1A/1B

Goals/Skills Developed:

Check out what to expect after high school! Improve your survival skills for living on your own. Learn how to deal with money and credit, find an apartment, become an educated consumer, select a car, explore job options and higher learning, career research, employability skills, practice how to get a job, advertising and media, banking, debt and bankruptcy. Develop better decision-making skills, and develop skills for being successful after high school.

Accounting

Open to Grades: 9 - 12

Length of Course: Full Year

Grad. Requirement:

CTE/Occupational or Elective

Prerequisite: None

Goals/Skills Developed:

Want to learn to manage money? Whether it's your own personal finances or you

are intrigued about owning your own business, this class will prepare you to "be in the know" with your cash! You will learn basic accounting principles for a business including the complete accounting cycle with end-of-period statements, bank reconciliation, payrolls, and petty cash. Upon completion, you will be able to demonstrate an understanding of accounting principles and apply those skills to a business organization and a job skill EVERY organization needs!

Career Choices

Open to Grades: 11-12

Length of Course: Semester

Grad Requirement: CTE

Prerequisite: None

Goals/Skills Developed:

Learn how you can choose a career and prepare for life after high school now. Gain skills to obtain employment, be successful on the job, and plan for further education or training after high school. You will also learn about legal, financial, health and safety issues related to employment. Student leadership development will be integrated into class activities. You must be at least 16 years old to enroll in this class.

Skilled Trades and Manufacturing

Wood/Metal Trades I

Open to Grades: 9 - 12

Length of Course: Semester

Grad. Requirement:

CTE/Occupational or Elective

Prerequisite: None

Goals/Skills Developed: An exploratory course that generally exposes individuals to precision production careers and skills. Includes instruction in basic welding, machining, woods, and safety standards.

Wood/Metal Trades II

Open to Grades: 9 - 12

Length of Course: Semester

Grad. Requirement:

CTE/Occupational or Elective

Prerequisite: Wood/Metal Trades I

Goals/Skills Developed: This course follows Wood/Metal Trades I and expands upon the skills of welding, machining, and woods. Students will further explore careers in these skill areas.

Small Engines

Open to Grades: 9 - 12

Length of course: Semester

Grad. Requirement:

CTE/Occupational or Elective

Prerequisite: None

Goals/Skills Developed:

If you like to work on engines, this is the class for you. Students will gain skills by studying and having practical hands-on experience. Small engine

repair is a course that will introduce many types of internal combustion engines. Students will develop skills and knowledge by being able to correctly identify, disassemble, inspect, repair and operate a two or four stroke engine. General maintenance and tune-up of the auto engine will also be covered along with alternative fuels and how they relate to the operation of the internal combustion engine.

Automotive Technology

Open to Grades: 9 - 12

Length of Course: Semester

Grad. Requirement:

CTE/Occupational or Elective

Prerequisite: Successful

completion of Small Engines

Goals/Skills Developed: This course provides students with an introduction to the automotive field. Students will learn how to take care of cars and trucks, about the basic components of a motor vehicle, its operation, and the service required to sustain it safely. Safety and appropriate tool usage is stressed. Students will troubleshoot and problem-solve while working on various cars during this course. Topics will include basic automotive maintenance and repair, brakes, steering and suspension, engine performance, electrical systems, fuel systems, alternative fuels and drive train. Maintenance and

repair of today's complex automobile systems requires highly skilled and trained technicians. Students who complete this class will have a head start on gainful employment in the automotive industry.

Worksite Learning

Open to Grades: 11 – 12

Length of Course: Full year

Graduation Requirement:

CTE/Occupational or Elective

Prerequisites: Teacher

Approval

Goals/Skills Developed:

Work-site Learning provides a learning experience with an employer that is related to Business Education or Industrial Arts Courses. Basically, if you're utilizing skills you've learned in Business Education or Industrial Arts on the job, and the employer has been approved for work-site learning, you can earn high school credits AND get paid to work! Upon completion, you should be able to evaluate career selection, demonstrate employability skills, and satisfactorily perform work-related competencies. Work-site learning MUST be approved by Mr. Leedom for enrollment!



Family and Consumer Sciences

Baking and Cooking Basics

Open to Grades: 9-12

Length of Course: Semester

Grad Requirement: CTE

Prerequisite: None

Goals/Skills Developed:

Do you want to learn how to cook beyond opening a box? Learn how to do it yourself with your friends, work in teams to learn about baking, meal preparation, and nutrition. Make quick breads and yeast breads, pastries, eggs, soup, salads and meat and poultry. This course provides a background for careers in food preparation and nutrition.

Nutrition and Wellness

Open to Grades: 10-12

Length of Course: Semester

Grad Requirements:

Health/PE, CTE, Elective

Prerequisite: Health

Goals/skills Developed:

The Nutrition and Wellness course focuses on the role of foods and nutrition in human health and wellness. Areas of study include demonstration of nutrition and wellness practices that enhance individual and family well being across the life span. Concepts covered in this course relate to the following: Influence of different dietary needs, intolerances and allergies. Nutritional needs for different individuals, acquiring, handling and food

safety. Impact of science and technology on the foods we eat. Nutrition for different physical activity levels and goals.

Computer Technology

Computer Science & Programming

Open to Grades: 9 - 12

Length of Course: Semester

Graduation Requirement:

Occupational or Elective

Prerequisite: None

Goal/Skills Developed:

This is an introductory course, no experience is required. Students who have never coded, students with no gaming experience, and students with some tech background are all welcome. This class will teach you the basics and will point you towards more training at community colleges to get certified and then employed. In this class, persistence, creativity, collaboration, and communication are emphasized. The course explores topics and projects such as designing apps, AI, digital privacy and security, and societal impacts of computing.

AP Computer Science Principles

Open to Grades: 11 & 12

Length of Course: Full Year

Graduation Requirement:

Elective or 3rd Year Math

Prerequisite: None

Goal/Skills Developed:

AP Computer Science

Principles is an introductory

college-level computing

course that introduces

students to the breadth of

the field of computer

science. Students learn to

design and evaluate

solutions and to apply

computer science to solve

problems through the

development of algorithms

and programs. They

incorporate abstraction into

programs and use data to

discover new knowledge.

Students also explain how

computing innovations and

computing systems—

including the internet—work,

explore their potential

impacts, and contribute to a

computing culture that is

collaborative and ethical. An

AP exam is offered at the

end of the school year that

may allow students to earn

college credit.

3D Design & Printing

Open to Grades: 9 - 12

Length of Course: Semester

Graduation Requirement:

Occupational or Elective

Prerequisite: None

Goals/Skills Developed:

This is an introductory course, no experience is required. In this course students will learn how to be makers. Students will use 3D modeling programs to create and print their own designs and 3D objects. Each project will introduce students to a new skill or propose a design challenge for students to solve.

Core Plus Construction



Introduction to Construction A/B – Core +
Open to Grades: 9 - 12
Length of Course: Year
Graduation Requirement: CTE

Prerequisite: None

Goals/Skills Developed:

Students will learn how to work with a variety of machines and processes found in the construction trades including wall framing, electrical, drywall, hand tools, blue printing, finish carpentry, roof framing, plumbing, estimations, green construction, and weatherization. Students will learn how to use tools and power machines to produce a finished product. Safety is emphasized throughout every aspect of this course, and all students will demonstrate the ability to work on the shop equipment safely. Teamwork is a vital skill in any workplace and the majority of shop time will be spent working with others. The work ethic and skills learned in this class will be valuable for any career you choose to pursue in the future.

Construction 101 A/B – Core +
Open to Grades: 10-12
Length of Course: Full Year
Graduation Requirement: CTE

Prerequisite: None

Goals/Skills Developed:

In Construction 101, safety is emphasized throughout every aspect of this course, and all students will demonstrate the ability to work on the shop equipment safely. Students will continue to build their skills including wall framing, electrical, drywall, hand tools, blue printing, finish carpentry, roof framing, plumbing, estimations, green construction, and weatherization towards various projects. Students will also begin to work in teams to complete larger projects such as sheds and other projects. Students will continue to explore the variety of careers available in the skilled trades.

Construction 201 A/B - Core +
Open to Grades: 11-12
Length of Course: Full Year
Graduation Requirement: CTE

Grad Requirement: Math 3A/3B, CTE

Prerequisite: Algebra 1A/1B, Geometry 1A/1B, Construction 101

Goals/Skills Developed:

In Construction 201, safety is emphasized throughout every aspect of this course, and all students will demonstrate the ability to work on the shop equipment safely. Students will continue to build their skills including wall framing, electrical, drywall, hand tools, blue printing, finish carpentry, roof framing, plumbing, estimations, green construction, and weatherization towards various projects. Students will work to build a Tiny Home as a capstone project of the Core + Construction program. Students will continue to explore the variety of careers available in the skilled trades.



Environmental Studies



Environmental Studies

Open to Grades: 9-12

Length of Course: Full year

Grad. Requirement: 3.0 credits > 1.0 English (9-12), 1.0 CTE-Natural Resources (counts for occupational or elective), -and- 1.0 Science-Environmental Science [Seniors can opt to take it for CWP rather than science credit.] *See

counselors/registrar/Ms. Morris for clarification

Prerequisite: None

Goals/Skills Developed:

Goal setting, plan creation, problem solving and plan implementation, writing, research, critical thinking, mentoring younger learners, budgeting and cost analysis, community outreach, leadership, and teamwork.

Description: ESC is a 3-hour block with activities in the classroom, around LCHS and K-5 and 6-8 Campuses and in the greater La Center community

Why you should take this course:

Looking for an opportunity to learn outdoors on projects that benefit the environment and our community? Interested in STEM? The Environmental Studies Class might be the class for you. ESC is a different way to learn and earn a credit at LCHS. We design, plan, and maintain the ESC garden; conduct water quality tests along Brezee Creek, mentor younger students, and do salmon restoration projects too. We investigate clean

energies, and work with experts in the field of natural resources and engineering. We read, we write, we research, we explore, and we work indoors and out to better the world around us. ESC is three classes in one and counts for three credits per semester. Have questions? Talk to Ms. Morris.

***Note:** Environmental Studies may be taken for 1 or more years.

Environmental Studies

2.0

Open to Grades: 11-12

Length of Course: Full year

Grad. Requirement: 2.0 credits > any combination of 1.0 CTE (counts for occupational or elective) 1.0 English (11-12), and/or 1.0 Science- Environmental Science [Seniors can opt to take it for CWP rather than science credit.]

Prerequisite: None

Goals/Skills Developed:

Goal setting, plan creation, problem solving and plan implementation, evaluating public policies and practices, writing, research, critical thinking, mentoring younger learners, budgeting and cost analysis, community outreach, leadership, and teamwork.

Description: ESC is a 2-hour block with activities in the classroom, around our campus, and in the La Center community in general.

Why you should take this course:

If you: enjoy

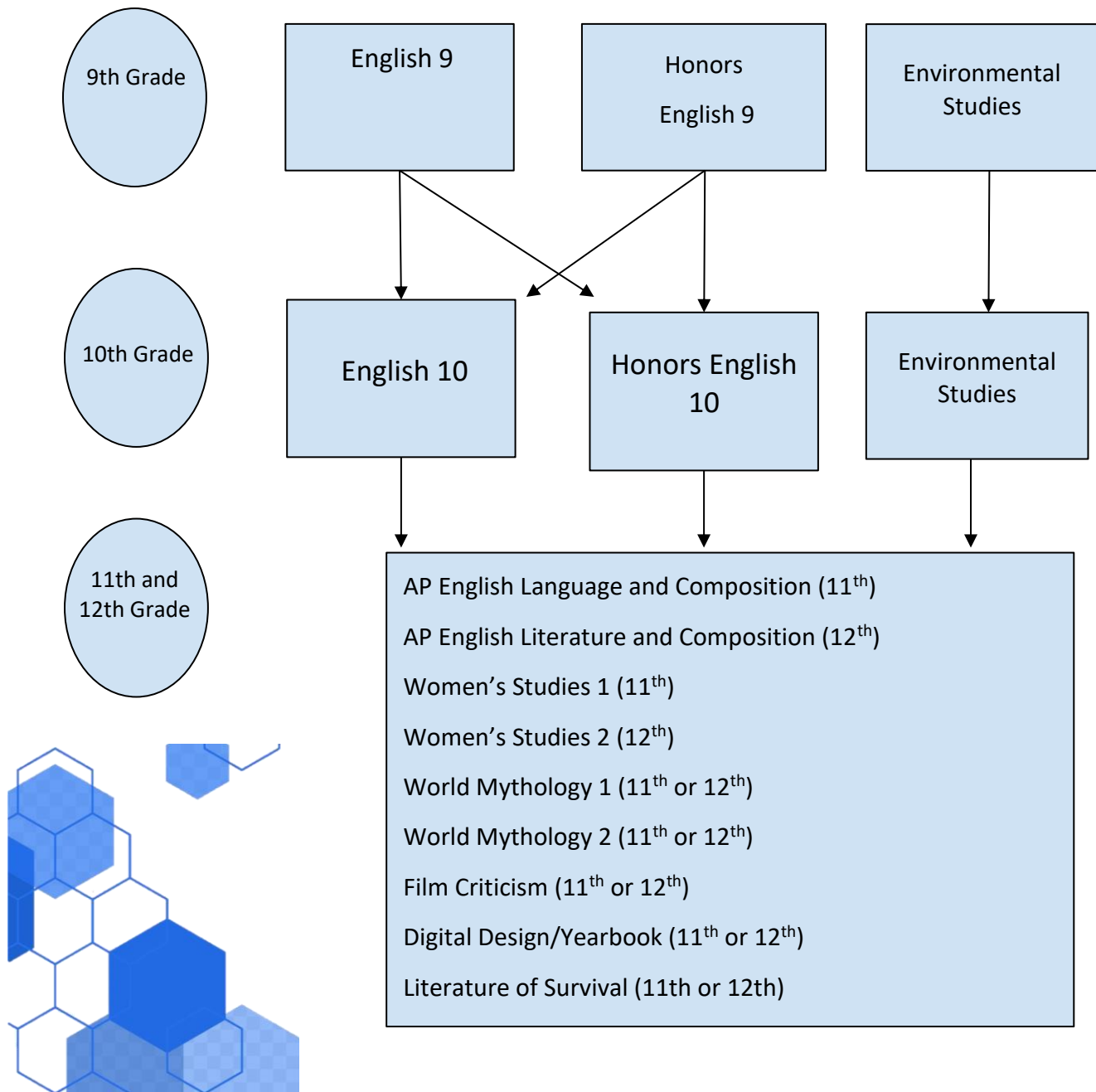
interactive projects and hands-on activities, enjoy being outdoors and working in a garden or along a creek, think about pursuing job or career in the natural resources/ environmental sciences or teaching field, believe in a more integrated approach to learning,, prefer a direct connection between learning and the real-world and/or want to make a positive impact upon your school and in the greater La Center community might be for you. ES 2.0 will also explore careers in STEM and the natural sciences.

***Note:** Environmental Studies 2.0 may be taken for 1 or more years.



English Course Pathways at La Center High School

The following flow chart outlines the English course options at each grade level. These options include a grade level English, an accelerated/honors pathway, and an Advanced Placement class option starting Junior year. Students need 4 years of English credits to graduate from high school.



English Language Arts



Ninth Grade English

Open to Grades: 9

Length of Course: Full Year

Graduation Requirement: English

Prerequisite: None

Goals/Skills Developed:

9th grade English is a required course of all ninth graders (unless otherwise stated on an IEP). Students will acquire skills in the areas of: literary analysis, short stories, poetry, drama, novels, myth and legend, composition, vocabulary, studying, spelling, short story writing, thinking, nonfiction, reading, test-taking, writing research papers, letter writing, public speaking, and listening.

Assignments: Worksheets, quizzes, exams, composition, speeches, group projects.

Honors Ninth Grade English

Open to Grades: 9

Length of Course: Full Year

Graduation Requirement: English

Goals/Skills Developed:

This course is strongly recommended for college-bound students who wish to expand their knowledge of literature and further develop their communication skills through literary analysis, discussion, and presentation. Although the curriculum will be essentially the same as that used for all ninth grade English classes, the depth and breadth of

accompanying assignments and projects will be more independent as well as a project related to each. Independent reading (including summer reading) is also a part of the class.

Tenth Grade English

Open to Grades: 10

Length of Course: Full Year

Graduation Requirement: English

Prerequisite: 9th Grade English

Goals/Skills Developed:

In 10th grade English, which is required of all sophomores (unless otherwise stated on an IEP), students will further refine the skills acquired in Ninth Grade English. In addition, students will expand their skills in critical thinking and further develop a variety of writing modes. Assignments: Worksheets, quizzes, exams, compositions, speeches, questions, presentations and projects.

Honors Tenth Grade English

Open to grade: 10

Length of Course: Full Year

Graduation Requirement: English

Goals/Skills Developed:

This course is strongly recommended for college bound students who wish to expand their knowledge of literature and further develop their communication

skills through literary analysis, discussion, and presentation. Although the curriculum will be essentially the same as that used for all tenth grade English classes, the depth and breadth of accompanying assignments and projects will be more demanding. Students will be expected to read literary works independently (including summer reading) and to complete a project related to each.

Environmental Studies

Open to Grades: 9-12

Length of Course: Full year

Grad. Requirement: 3.0 credits > 1.0 English (9-12), 1.0 CTE-Natural Resources (counts for occupational or elective), -and- 1.0 Science-Environmental Science [Seniors can opt to take it for CWP rather than science credit.] *See

counselors/registrar/Ms. Morris for clarification

Prerequisite: None

Goals/Skills Developed:

Goal setting, plan creation, problem solving and plan implementation, writing, research, critical thinking, mentoring younger learners, budgeting and cost analysis, community outreach, leadership, and teamwork.

Description: ESC is a 3-hour block with activities in the classroom, around LCHS and K-5 and 6-8 Campuses and in the greater La Center community

Why you should take this course: Looking for an opportunity to learn outdoors on projects that benefit the environment and our community? Interested in STEM? The Environmental Studies Class might be the class for you. ESC is a different way to learn and earn a credit at LCHS. We design, plan, and maintain the ESC garden; conduct water quality tests along Brezee Creek, mentor younger students, and do salmon restoration projects too. We investigate clean energies, and work with experts in the field of natural resources and engineering. We read, we write, we research, we explore, and we work indoors and out to better the world around us. ESC is three classes in one and counts for three credits per semester. Have questions? Talk to Ms. Morris.

***Note:** Environmental Studies may be taken for 1 or more years.

AP English Language & Composition

Open to Grades: 11 - 12
Length of Course: Full year
Graduation Requirement: English or Elective
Prerequisite: None
Goals/Skills Developed: AP English Language & Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical

situation, claims and evidence, reasoning and organization, and style. An AP exam is offered at the end of the school year that may allow students to earn college credit.

AP English Literature & Composition

Open to Grades: 11 & 12
Length of Course: Full year
Graduation Requirement: English or Elective
Prerequisite: None
Goals/Skills Developed: AP English Literature & Composition is a challenging course that will focus on close reading of Western literature and on writing. Students will read a good many novels, short stories, essays, and plays and they will study poetry extensively. In addition, students will respond to the writing assignments. Independent reading (including summer reading) is also a part of the class. An AP exam is offered at the end of the school year that may allow students to earn college credit.

Women's Studies 1

Open to Grades: 11 - 12
Length of Course: Full year
Graduation Requirement: English, US History or Elective
Prerequisite: None
Goals/Skills Developed: Women's Studies 1 is a class designed to look at the historical aspect of women's rights from 1700 - present. It

will also examine women's issues of today such as equal pay, glass ceiling, cycle of violence, as well as many other topics. This class is designed to enhance student's understanding of the world outside of what they know.

Women's Studies 2

Open to Grades: 12
Length of Course: Full year
Graduation Requirement: English, CWP or Elective
Prerequisite: Seniors who have completed Women's Studies 1. Goals/Skills Developed: Women's Studies 2 looks at current issues through the eyes of women. Newspapers, magazines, poetry, novels and guest speakers will allow students to understand the current national and international roles and struggles of women. This class will also undertake a service project to give back to the community as well as follow all other guidelines required by CWP classes.

Film Criticism

Open to Grades: 11 - 12
Length of Course: Full year
Graduation Requirement: English or Elective
Prerequisite: 9th and 10th Grade English
Goals/Skills Developed: Students will broaden their appreciation of the American cinema through an in-depth study of its development from the late 19th century

through the 1990s. Along the way, students will learn about the art of filmmaking and the major developments in the American cinema. Attendance is a key element in this course because of the nature of the work. Assignments: Quizzes, reading guides, group presentations, exams, creative projects and essays.

Digital

Design/Yearbook

Open to Grades: 11 - 12

Length of Course: Full Year

Graduation Requirement:

English Elective or

Occupational Credit

Cost: You will need to provide your own

transportation to school events and local businesses, and you must have an ASB card.

Prerequisites: Mr. Zylstra's permission. Strong writing skills are very important.

Also, you are required to attend the spring yearbook meeting and complete the summer yearbook project.

Goals/Skills Developed:

You will be designing, writing, and taking photos for the La Center High School yearbook. You will also sell and design business advertisements for the yearbook. It is really important for students to be able to set goals and work independently. You will be graded on your contribution to the class and your ability to do quality work in a timely manner.



Literature of Survival

Open to Grades: 11 - 12

Length of Course: Semester or full year

Graduation Requirement:

English or Elective

Prerequisite: 9th Gr English & 10th Gr English

Goals/Skills

Developed: Students will be reading, discussing, and writing about a variety of classic and contemporary novels based on a theme of adventure and survival. The assignments in this course will take the form of weekly journaling as well as several larger assignments. Authors will include Frank, Krakauer, Remarque, Ambrose, L'Amour, Shackleton, and others. In addition this traditional English class will be combined with experiential experiences via our school's challenge course.

Assignments: This will take the form of quizzes, exams, papers, and in-door and out-door projects.

World Myth 1 – Introduction to Mythology

Open to Grades: 11 - 12

Length of Course: Semester

Grad. Requirement: English or Elective

Prerequisite: 9th and 10th grade English

Goals/Skills Developed: In this course, we will begin by asking and exploring answers to the question: What is a myth? Then, using Greek and Roman mythology as a

basis for exploration, we will look at the overall categories and topics of myth (cosmogony, creation, flood, apocalypse, hero, trickster, pantheons) as well as make connections between myth and culture. Students will also create their own imaginary worlds and use the categories of myth to write their own myths about this world. Finally, we will study the myths from North America, ancient Egypt, and Northern European (Norse.)

World Myth 2 – Myths Around the World

Open to Grades: 11 - 12

Length of Course: Semester

Grad. Requirement: English or Elective

Prerequisite: 9th and 10th grade English

Goals/Skills Developed: This course will build on the basic concepts of mythology learned in World Myth 1, which will be applied to myths from many cultures that we will study from around the world. These cultures include Asian, Indian, Oceanic, African, Islamic, Mesopotamian, Babylonian, Mesoamerican, South American, and Celtic. Students will also have an opportunity to conduct analytical research and create a presentation on a modern myth, tall tale or folktale of their choosing.

Environmental Studies

2.0

Open to Grades: 11-12

Length of Course: Full year

Grad. Requirement: 2.0

credits > any combination of 1.0 CTE (counts for occupational or elective) 1.0 English (11-12), and/or 1.0 Science- Environmental Science[Seniors can opt to take it for CWP rather than science credit.] *See counselors/registrar/Ms. Morris for clarification

Prerequisite: None

Goals/Skills Developed:

Goal setting, plan creation, problem solving and plan implementation, evaluating public policies and practices, writing, research, critical thinking, mentoring younger learners, budgeting and cost analysis, community outreach, leadership, and teamwork.

Description: ESC is a 2-hour block with activities in the classroom, around our campus, and in the La Center community in general.

Why you should take this course:

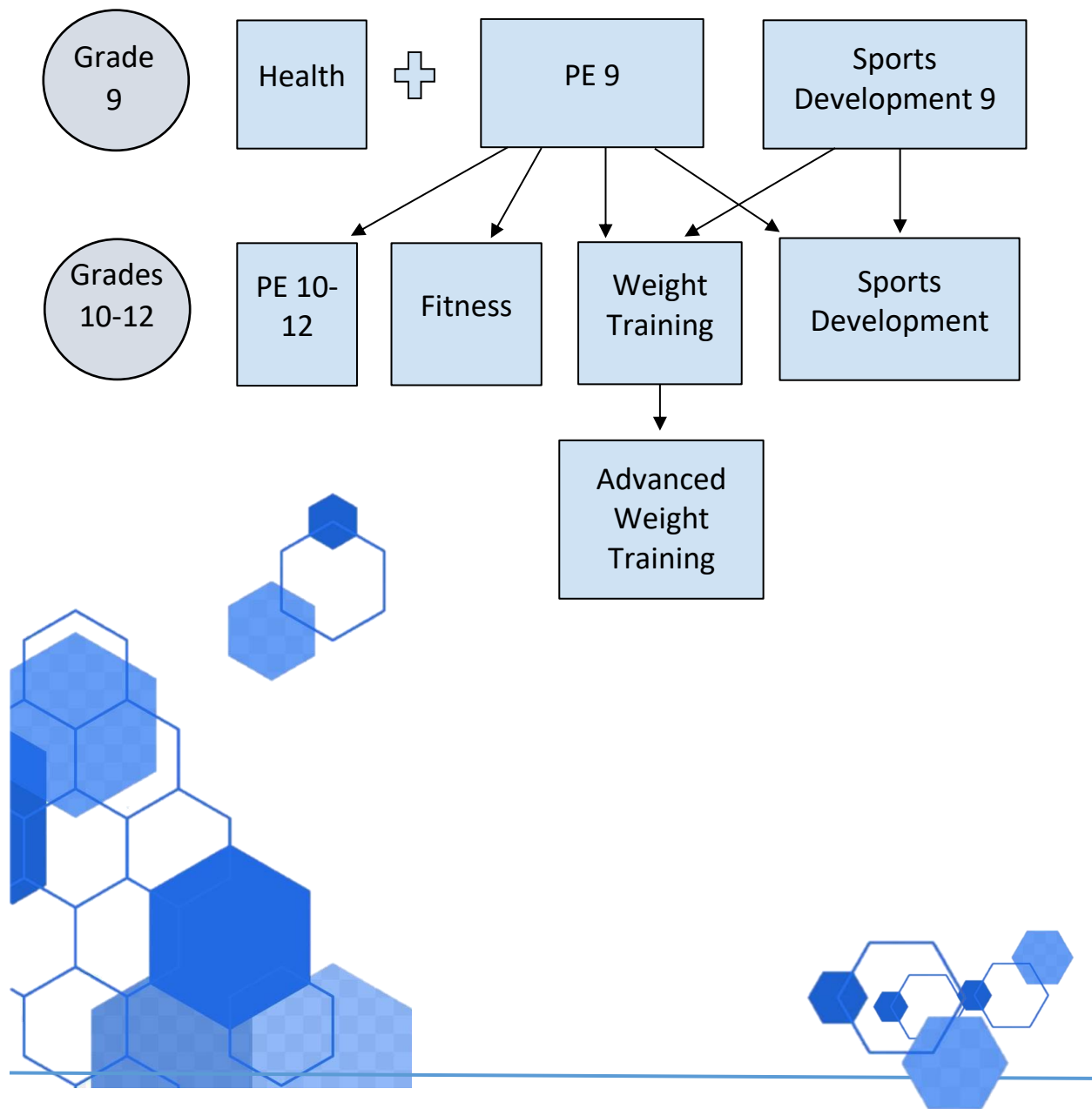
If you: enjoy interactive projects and hands-on activities, enjoy being outdoors and working in a garden or along a creek, think about pursuing job or career in the natural resources/ environmental sciences or teaching field, believe in a more integrated approach to learning,, prefer a direct connection between learning and the real-world and/or want to make a positive impact upon your school and in the greater La Center community might be for you. ES 2.0 will also explore careers in STEM and the natural sciences.

***Note:** Environmental Studies 2.0 may be taken for 1 or more years.



Health and PE Course Pathways at La Center High School

The following flow chart outlines the Health and PE course options at La Center High School. Although not a requirement, it is strongly recommended that students take health and PE their 9th grade year. For PE, students can choose from General PE 9 or Sports Development 9. For grades 10-12 students have a variety of personalized options. Students need a .5 credit of Health and 1.5 credits of PE for a total of 2 years to graduate from high school.



Health & Physical Education

Health

Open to Grades: 9 – 12

Course Length: Semester

Graduation Requirement:

Health

Prerequisite: None

Goals/Skills Developed:

Health is designed to provide students with accurate information about how to stay healthy and/or improve their health. The topics will relate to physical, mental and social well-being.

Physical Education 9

Open to Grade: 9

Course Length:

Semester/Full Year

Graduation Requirement:

P.E.

Prerequisite: None

Goals/Skills Developed: This

course will provide a variety of activities, games, goal setting, skills, and sports.

Grading is based on a point system with emphasis on participation, attendance, sportsmanship, and professionalism. Students are required to dress down daily to earn a passing grade. This class is an introduction to physical education for all 9th grade students.

Some activities will include:

- Components of fitness
- Games

Sport specific skills and activities

Physical Education 10-12

Open to Grades: 10 - 12

Course Length:

Semester/Full Year

Graduation Requirement:

P.E.

Prerequisite: None

Goals/Skills Developed: This

course will provide a variety of activities, games, goal setting, skills, and sports.

Grading is based on a point system with emphasis on participation, attendance, sportsmanship, and professionalism. Students are required to dress down daily to earn a passing grade.

This class is for anyone looking to enjoy a variety of physical activities, games, and sport specific skills and activities.

Some activities will include:

- Components of fitness
- Games
- Sport specific skills and activities

Sports Development 9

Open to Grades: 09 - 12

Course Length: Full Year

Graduation Requirement:

P.E./Elective

Prerequisites: None

Course Description:

This is a class geared towards preparing students to learn the techniques, fundamentals, and safe practices in functional and dynamic strength training. Speed, jump, agility, and quickness training will also be provided. This class will strive to make you a better overall athlete. Competitive

Athletes are encouraged to take this course to best prepare themselves for their sport.

Sports Development

Open to Grades: 09 - 12

Course Length: Full Year

Graduation Requirement:

P.E./Elective

Prerequisites: Sports

Development 9 or

teacher/coach

recommendation

Course Description:

This is an advanced class in functional and dynamic strength training. Speed, jump, agility, and quickness training will also be provided.

This class will strive to make you a better overall athlete.

Competitive Athletes are encouraged to take this course to best prepare themselves for their sport.

Fitness

Open to Grades: 10 - 12

Course Length:

Semester/Full Year

Graduation Requirement:

P.E./Elective

Prerequisite: None

Goals/Skills Developed:

Personal fitness will incorporate goal setting, lean muscle toning, endurance, flexibility, strength and speed training using a variety of activities and movements for all ability groups.

Personal fitness is for students who are looking to explore a variety of activities and ways to become more active through everyday movement forms and development of healthy living habits. This course will

look at the whole person and include activities related to exercise, stress management and healthy living habits. Activities for this course include:

- Aerobic / anaerobic activities
- Toning
- Stress Management Activities
- Circuit training
- Zumba and Dance

Weight Training

Open to Grades: 10 - 12

Course Length:

Semester/Full Year

Graduation Requirement:

P.E./Elective

Prerequisite: None

Goals/Skills Developed:

Weight training is an intense activity that involves lifting weights, goal setting, and perseverance. A combination of weight lifting, agility, and speed drills will be used to challenge students to work

towards their optimal potential. Proper technique, safety, and goal setting will also be major components to student success in this class. This class would be a good fit for anyone participating in a sport or wanting to build muscle, strength and change body composition.

Advanced Weight Training

Open to Grades: 10 - 12

Course Length: Semester

Graduation Requirement:

P.E./Elective

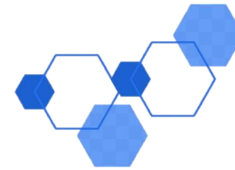
Prerequisites: None, 9th

graders need pre-approval.

Goal/Skills Developed: This class is for serious weight lifters only. There is nothing casual about this class.

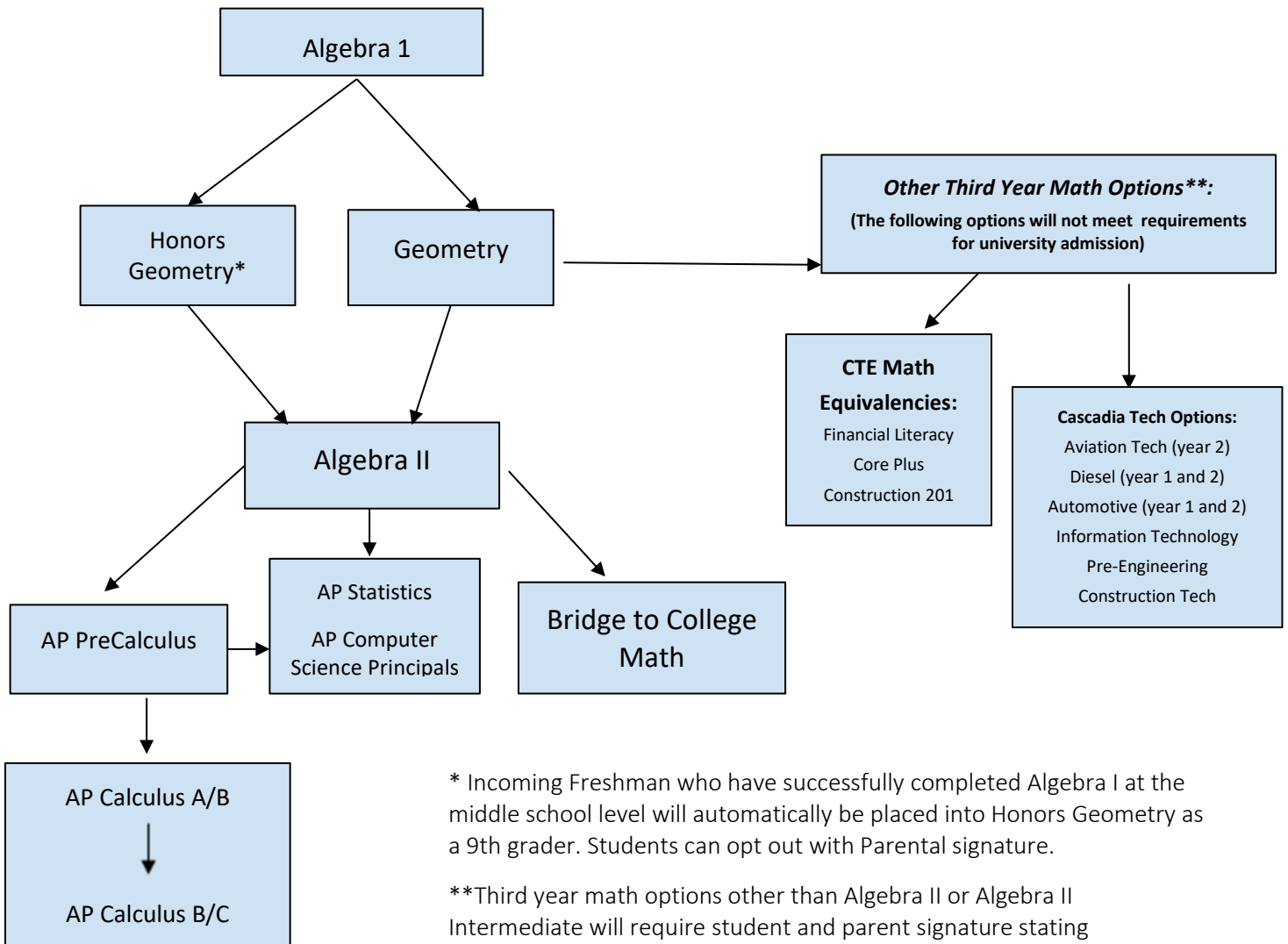
Workouts will vary from powerlifting to P90x type workouts to speed training work. The workouts will be intense and hard. Only sign up for this class if you are

serious about getting, bigger faster, stronger, and more fit.



Math Course Pathways at La Center High School

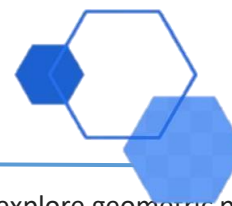
The following flow chart outlines the math course options at La Center High School. A student's starting point is based on the math course they enter into La Center HS with from middle school, the math courses are sequential. From a student's entry point, they can move through a grade level or accelerated/honors pathway with available Advanced Placement class options starting after they complete Algebra II. Students need 3 years of math credits to graduate from high school.



* Incoming Freshman who have successfully completed Algebra I at the middle school level will automatically be placed into Honors Geometry as a 9th grader. Students can opt out with Parental signature.

**Third year math options other than Algebra II or Algebra II Intermediate will require student and parent signature stating understanding course does not meet university admission requirement.

Note: Students Math Course choices will involve teacher and counselor recommendations to assist the decision



Algebra I

Open to Grades: 9 - 12

Length of Course: Full Year

Graduation Requirement: Math

Prerequisite: None

Goals/Skills Developed:

This course introduces students to the basic elements of Algebra. Students are provided with a “consumable” textbook that will provide opportunities for exploration in connection with direct instruction. There are links to online video tutorials as an additional resource.

Topics covered in this course will include:

Equations, Inequalities, Functions, Linear Functions, Systems of Equations and Inequalities, Exponents and Polynomials, Factoring Polynomials, Quadratic Functions and Equations, Exponential Functions and Data Analysis.

Geometry

Open to Grades: 9-11

Length of Course: Full year

Graduation Requirement: Math

Prerequisite: Successful completion of Algebra I

Goals/Skills Developed:

Students will learn to recognize and work with geometric concepts in a variety of contexts, using inductive and deductive reasoning and techniques of Euclidean geometry. Students will explore geometric proofs, triangle relationships, transformations, right

triangle trigonometry, circles, parallel and perpendicular lines, polygons, and three-dimensional figures. Students are provided with a “consumable” textbook that will provide opportunities for exploration in connection with direct instruction. There are links to online video tutorials as an additional resource.

Topics covered in this course will include:

Foundations for Geometry, Geometric Reasoning, Parallel and Perpendicular Lines, Triangle Congruence, Properties and Attributes of Triangles, Polygons and Quadrilaterals, Similarity, Right Triangles and Trigonometry, Extending Transformational Geometry, Extending Perimeter, Circumference and Area, Spatial Reasoning and Probability.

Honors Geometry

Open to Grades: 9 - 11

Length of Course: Full year

Graduation Requirement: Math

Prerequisite: Successful completion of Algebra I

Goals/Skills Developed:

Students will learn to recognize and work with geometric concepts in a variety of contexts, using inductive and deductive reasoning and techniques of Euclidean geometry. Students will

explore geometric proofs, triangle relationships, transformations, right triangle trigonometry, circles, parallel and perpendicular lines, polygons, and three-dimensional figures. Students are provided with a “consumable” textbook that will provide opportunities for exploration in connection with direct instruction. There are links to online video tutorials as an additional resource.

Topics covered in this course will include:

Foundations for Geometry, Geometric Reasoning, Parallel and Perpendicular Lines, Triangle Congruence, Properties and Attributes of Triangles, Polygons and Quadrilaterals, Similarity, Right Triangles and Trigonometry, Extending Transformational Geometry, Extending Perimeter, Circumference and Area, Spatial Reasoning and Probability.

Algebra II

Open to Grades: 10 - 12

Length of Course: Full year

Graduation Requirement: Math

Prerequisite: Successful completion of Geometry

Goals/Skills Developed:

This course expands upon the student's prior understanding of Algebra. Students are provided with a "consumable" textbook that will provide opportunities for exploration in connection with direct instruction. There are links to online video tutorials as an additional resource.

Topics covered in this course will include:

Foundations for Functions, Quadratic Functions, Polynomial Functions, Exponential and Logarithmic Functions, Rational and Radical Functions, Properties and Attributes of Functions, Probability, Data Analysis and Statistics, Sequences and Series, Trigonometric Functions, Trigonometric Graphs and Identities and Conic Sections.

AP Pre-Calculus

Open to Grades: 11 - 12

Length of Course: Full year

Grad. Requirements: Math

Prerequisites: Successful completion of Algebra II

Goal/Skills Developed:

This course builds upon all previous courses so that students will be prepared to meet the demands of AP Calculus. Topics covered in this course will include: Relations, functions, linear functions, polynomial functions, rational functions,

trigonometric functions, exponential functions, logarithmic functions, inverses of functions, trigonometric identities, polar coordinates, complex numbers, limits, and an introduction to calculus. An AP exam is offered at the end of the school year that may allow students to earn college credit.

AP Calculus

Open to Grades: 11 - 12

Length of Course: Full Year

Graduation Requirement: Math

Math

Prerequisite: Successful completion of AP Pre-Calculus

Goals / Skills Developed:

This is a college level course in differential and integral calculus, equivalent to one semester of calculus at most universities.

Topics include a review of functions, an introduction to limits and continuity, derivatives and their applications, integrals and their applications, anti-derivatives and the Fundamental Theorem of Calculus, and an introduction to differential equations using slope fields. There is an emphasis on conceptual understanding and working with functions represented graphically, numerically, analytically and verbally. The TI-83 graphing calculator is used extensively in this course. An AP exam is offered at the end of the school year that may allow students to earn college credit.

AP Statistics

Open to Grades: 11 - 12

Length of Course: Full Year

Graduation Requirement: Math

Prerequisite: Successful completion of Algebra II

Goals / Skills Developed: AP

Statistics is a college-level statistics course. Students will study four areas of statistics. The areas are exploring data, planning studies, anticipating patterns, and statistical inference. Students will be collecting, organizing, and analyzing their own data. This course is especially beneficial to those students planning on majoring in the social sciences, health sciences, business, and education, since a statistics course is usually required in these disciplines. An AP exam is offered at the end of the school year that may allow students to earn college credit.



AP Computer Science Principles

Open to Grades: 9 - 12

Length of Course: Full Year

Graduation Requirement: Math

Math

Prerequisite: None

Goal/Skills Developed:

AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer

science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. An AP exam is offered at the end of the school year that may allow students to earn college credit.

Bridge to College, Math -

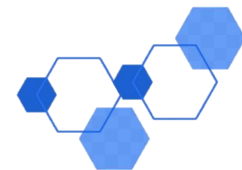
Open to Grades: 12

Length of Course: Full Year

Prerequisites: Seniors who took Algebra 2 and want to pursue additional math coursework and/or did not place well on their Grade 11 SBA testing.

The course curriculum emphasizes modeling with mathematics and the Standards for Mathematical Practice found within Washington K-12 Mathematics Learning Standards (the Common Core State Standards, CCSS-M). Topics include building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. The course is designed to focus on

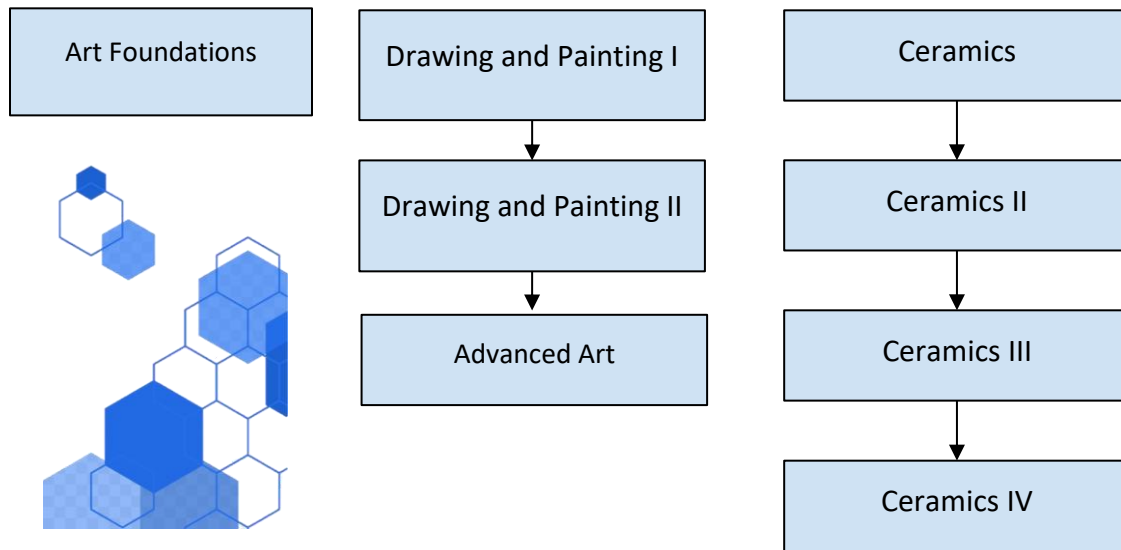
building conceptual understanding, reasoning and mathematical skills and provides students engaging mathematics that builds flexible thinking and a growth mindset. Students who earn a B in the course qualify for placement into Math in Society (MATH 107) or Statistics (MATH 146) at any community college in Washington and at Eastern Washington University. All public baccalaureate institutions recognize Bridge to College Math (BTCM) as a senior-year quantitative course that satisfies one of the College Academic Distribution Requirements (CADRs). Additionally, earning 1.0 credit in BTCM fulfills the Transition Course Graduation Pathway for mathematics.



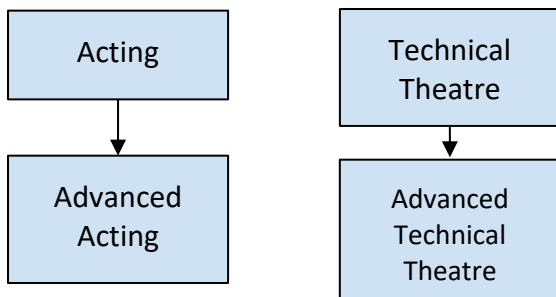
Fine Arts Course Pathways at La Center High School

The following flow chart outlines the Fine Arts course options at La Center High School. A student's starting point would be the courses at the top of the flow chart, unless they have teacher approval. Students can also earn Arts credits in Music by taking Band or Choir courses as outlined in the course guide. Students need 2 years of Fine Arts credits to graduate from high school, however 1 credit may be a Personalized Pathway Requirement.

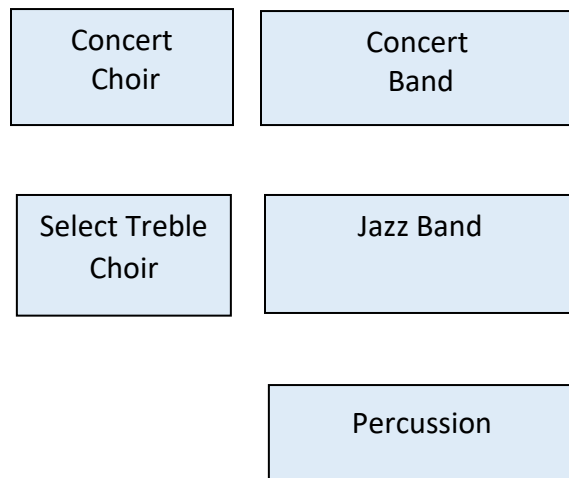
Visual Arts



Theatre



Performing Arts



Performing & Visual Arts



Performing Arts

Choir

Concert Choir

Open to Grades: 9 - 12

Length of Course: Full Year

Graduation Requirement:

Fine Art or Elective

Cost: \$55 - \$65 per year for choir outfit

Prerequisite: None

Goals/Skills Developed: A selected mixed choir open to all grades. Students will study and perform various choral styles including both secular and sacred choral music. Enrolled students will be expected to perform at concerts, community events, and competitions. Students will learn to demonstrate pitch abilities as well as musical reading skills. Music reading skills are not required, but the student must demonstrate an ability to learn music technique.

Select Treble Choir

Open to Grades: 9 - 12

Length of Course: Full Year during zero period

Graduation Requirement:

Fine Art or Elective

Cost: \$55 - \$65 per year for choir outfit

Prerequisites: By audition only

Goals/Skills Developed:

Membership for this select choir is based on a successful audition. Select Choir members are expected to exhibit strong vocal

techniques, music reading skills and performance practices. This choir performs advanced level literature from a variety of styles and genres of choral literature.

Band

Concert Band

Open to Grades: 9 - 12

Length of Course: Full Year

Graduation Requirement:

Fine Art or Elective

Cost: \$10.00 covers uniform cleaning for the school year.

Prerequisite: Students must demonstrate an entrance proficiency skill of Level III.

Goals/Skills Developed:

Concert Band members participate in a wide variety of activities including evening concerts, entertainment at athletic events, large group festivals and more. All members are automatically members of the pep band. Basic music skills developed (sight-reading, intonation, rhythm, listening, etc.) will be refined and perfected. Assignments: Performances both during school and outside of the regular school day including concerts, assemblies, community events, and festivals are required. Excellent attendance, preparation, sectionals, participation in class, and playing tests are required.

Jazz Band

Open to Grades: 9 - 12

Length of Course: Full Year during zero period

Graduation Requirement:

Fine Art or Elective

Prerequisite: Teacher approval

Goals/Skills Developed: The jazz band plays various types of music including swing, blues, Latin and rock. Improvisation is an important form of soloing for this group and is one of the skills which will be taught. Typical instrumentation includes: 5 trumpets, 4 trombones, 2 alto saxes, 2 tenor saxes, 1 baritone sax, 1 drummer, 1 bass, 1 guitar, and 1 piano. Assignments: Performances both during school and outside of the regular school day including concerts, assemblies, community events, and festivals. Excellent attendance, written work, participation in class, and playing tests are required.

Percussion

Open to Grades: 9 - 12

Length of Course: Semester

Graduation Requirement:

Fine Art or Elective

Prerequisite: None

Cost: \$10

Goals/Skills Developed: This class will make up the Select Drum Line for the Concert Band and the Bucket Ensemble. The Drum Line members will perform with the Pep Band at most home games and selected playoff games, as well as competitions and festivals outside of school. This class will cover how to play all concert percussion and drumline instruments as well as drum set. This class is open to all ability levels though prior experience in Drumming, Concert Band, or other music classes is recommended.

Theatre

Acting

Open to Grades: 9 - 12

Length of Course: Full Year

Graduation Requirement:

Fine Art or Elective

Prerequisite: None

Goals/Skills Developed:

Acting is a progressive course that will last two semesters. This course is designed for students who want to study theatre with an emphasis on acting. The course will provide training in reading, analyzing, and performing scenes and short plays from a variety of works by playwrights. The course will

also provide experiences in stage movement, vocal dexterity, emotional and imaginative expression. No audition required.

Advanced Acting

Open to Grades: 10 - 12

Length of Course: Full Year

Graduation Requirement:

Fine Art or Elective

Prerequisite: Audition

Required

Goals/Skills Developed:

Advanced Acting is a progressive course that will last two semesters. This course is designed for students who want an intensive theatre course with an emphasis on acting. Significant after school involvement will be required. Freshmen will be considered on recommendation from their middle school drama teacher only.

Technical Theatre

Open to Grades: 9 -12

Length of Course: Full Year

Graduation Requirement:

Fine Art or Elective

Prerequisite: Teacher

Approval

Goals/Skills Developed:

Membership in Technical Theatre requires an application and teacher approval. Students will work in the four major theatre disciplines: Scenic, Costume, Lighting and Sound. They will gain practical experience in both the design and execution of those practices as well as the overall production process. Students must be able to work independently and will be required to demonstrate a

high level of responsibility, safe building practices and the ability to follow complex instructions. Technical Theatre requires significant after school involvement.

Advanced Technical Theatre

Open to Grades: 10-12

Length of Course: Full Year

Graduation Requirement:

Fine Art or Elective

Prerequisite: Teacher

Approval

Goals/Skills Developed:

Membership in Advanced Technical Theatre requires an application and teacher approval. Students will continue to gain mastery in the four major theatre disciplines: Scenic, Costume, Lighting, and Sound. Advanced students will be expected to lead their peers by organizing tasks and workloads, teaching and explaining complex processes, and communicating effectively. Advanced students are expected to run the technical elements of all theatre productions. Significant after-school involvement is required.

Visual Arts

Ceramics

Ceramics I

Open to Grades: 9 - 12

Length of Course: Semester

Graduation Requirements:

Fine Art or Elective

Prerequisite: None

Cost: \$10

Goals/Skills Developed:

Students enrolled in this course engage in a series of assignments designed to explore various aspects of working with clay. Students will learn design and planning concepts specific to this media. Students are expected to attend classroom demonstrations and to participate actively in classroom discussions and critique sessions. Ceramic instruction will include hand building, slab construction, sculptural fabrication, and introduction to kiln firing and glazing techniques.

Ceramics II

Open to Grades: 9 - 12

Length of Course: Semester

Graduation Requirement:

Fine Art or Elective

Prerequisite: Ceramics I

Cost: \$10

Goals/Skills Developed:

Students will engage in a deeper exploration, building upon skills learned in Ceramics I. Students will increase skills in design and planning concepts specific to this media. Students are expected to attend

classroom demonstrations and to participate actively in classroom discussions and critique sessions. Ceramic instruction will include hand building, slab construction, sculptural fabrication and kiln firing and glazing techniques.

Ceramics III

Open to Grades: 10 - 12

Length of Course: Semester

Graduation Requirement:

Fine Art or Elective

Prerequisite: Ceramics II

Cost: \$10

Goals/Skills Developed:

Students will more deeply build upon skills learned in their first year of ceramics courses. Students are expected to attend class and participate actively. Student work will be primarily self-driven as students will have a mix of assigned tasks to advance specific skills and studio work that is developed and designed entirely by the artist. This course requires self-discipline and artistic drive.

Ceramics IV

Open to Grades: 10-12

Length of Course: Semester

Graduation Requirement:

Fine Art/Elective

Prerequisite: Ceramics III, C or better

Cost: \$10

Goals/Skills Developed:

Students will continue improving skills gained in Ceramics III. Students are expected to attend class and participate actively. Student work will be primarily self-driven, as students will have a mix of assigned tasks to advance specific skills and

studio work that is developed and designed entirely by the artist. This course requires self-discipline and artistic drive.

Drawing & Painting

Drawing & Painting I

Open to Grades: 9 - 12

Length of Course: Semester

Graduation Requirement:

Fine Art or Elective

Prerequisite: None

Cost: \$10

Goals/Skills Developed:

This course will explore the fundamentals of drawing and painting as a means of personal expression. Students will develop drawing and painting techniques and become fluent in the language of line, shape, value, space, and color; and understand the element and principles of art and design. Students will be exposed to the history of art, contemporary art, and learn to critically examine the visual world. Students will produce works using a variety of techniques and mediums: scratchboard, pen and ink, charcoal, dry pastel, oil pastel, watercolor, and acrylic paint.



Drawing & Painting II

Open to Grades: 9 - 12

Length of Course: Semester

Graduation Requirement:

Fine Art or Elective

Prerequisite: Drawing and Painting I or Art Foundations

Cost: \$10

Goals/Skills Developed:

This course will continue exploring the fundamentals of drawing and painting with an emphasis on perfecting drawing and painting techniques. Students will be exposed to the history of art, contemporary art, and learn to critically examine the visual world. Students will produce works using a variety of techniques and mediums: scratchboard, pen and ink, charcoal, dry pastel, oil pastel, watercolor, and acrylic paint.

Art Foundations

Open to Grades: 9 - 12

Length of Course: Semester

Graduation Requirement:

Fine Art or Elective

Prerequisite: None

Cost: \$10 per semester

Goals/Skills Developed:

This class explores the foundations of art and design. Various mediums will be used including pencil, colored pencils, ink, oil pastels, acrylic paint and watercolor paint. Students will learn perspective, shading and human figure drawing among other concepts. In addition to the class fee, students will be expected to provide some art supplies for this class.

ADVANCED ART

Open to Grades: 10 - 12 (9th graders considered with pre-approval)

Length of course: Semester

Graduation Requirement:

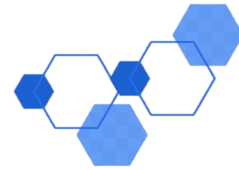
Fine Art or Elective

Prerequisite: minimum 1 full year of prior Art classes or pre-approval required

Cost: \$10.00 per semester

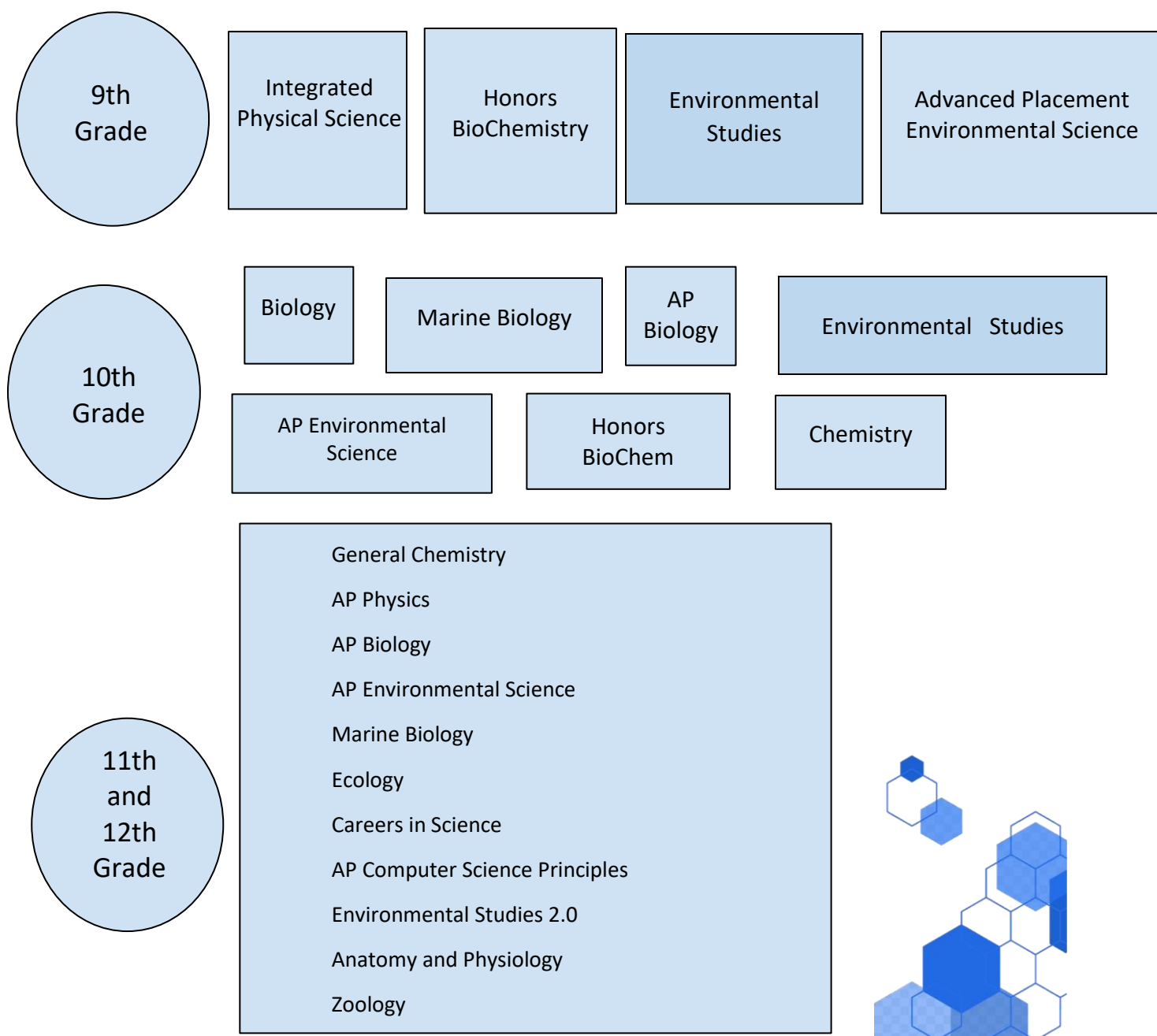
Goals/Skills Developed:

Students will be introduced to a variety of advanced art making techniques and materials that build upon skills they have learned in entry-level art classes. Many projects will be complex, self-guided, an open-ended, allowing students to explore techniques more deeply in a studio environment. Students will develop their own ideas and have opportunity to focus on mediums and subject matter of their choice and build a portfolio. In addition to the class fee, students may be expected to provide some art supplies and materials for this class.



Science Course Pathways at La Center High School

The following flow chart outlines the science course options at each grade level. These options include a grade level science, an accelerated/honors pathway, and an Advanced Placement class option at each grade level. Students need 3 years of science credits to graduate from high school with 2 years being a lab science.





Integrated Physical Science

Open to Grades: 9

Length of Course: Full Year

Graduation Requirement:

Lab Science

Prerequisite: None

Goals/Skills Developed: This course is for all 9th grade students and satisfies one year of laboratory science which is required for graduation. Students will apply the study of forces, motion, energy, waves and their interactions to the earth, solar system and universe. Modeling and engineering design will be utilized in order to explore possible solutions to complex, real-world problems.

Honors Biochemistry

Open to Grades: 9 – 10

Length of Course: Full Year

Grad. Requirement: Lab

Science

Prerequisites: None

Goals/Skills Developed: Honors Biochemistry is a year-long laboratory science class that will prepare you for advanced science coursework. Biological and Chemistry Concepts will be taught utilizing both chemistry and biological principles and applications.

AP Environmental Science

Open to Grades: 9 - 12

Length of Course: Full Year

Graduation Requirement:

Lab Science, CTE

Prerequisite: None

Goals/Skills Developed: This laboratory course provides an understanding of living things and the complex interrelationships between humans and the ecosystem. Classroom activities will focus on developing the skills and abilities needed to work with complex systems and to design models of these systems.

Topic areas will include: sustainability, population ecology, human populations, land and soil, energy resources, environmental quality.

An AP exam is offered at the end of the school year that may allow students to earn college credit.

Environmental Studies

Open to Grades: 9 - 12

Length of Course: Full year

Grad. Requirement: 3.0 credits > 1.0 English (9-12), 1.0 CTE-Natural Resources (counts for occupational or elective), -and- 1.0 Science-Environmental Science [Seniors can opt to take it for CWP rather than science credit.] *See

counselors/registrar/Ms. Morris for clarification

Prerequisite: None

Goals/Skills Developed:

Goal setting, plan creation,

problem solving and plan implementation, writing, research, critical thinking, mentoring younger learners, budgeting and cost analysis, community outreach, leadership, and teamwork.

Description: ESC is a 3-hour block with activities in the classroom, around LCHS and K-5 and 6-8 Campuses and in the greater La Center community

Why you should take this

course: Looking for an opportunity to learn outdoors on projects that benefit the environment and our community? Interested in STEM? The Environmental Studies Class might be the class for you. ESC is a different way to learn and earn a credit at LCHS. We design, plan, and maintain the ESC garden; conduct water quality tests along Brezee Creek, mentor younger students, and do salmon restoration projects too. We investigate clean energies, and work with experts in the field of natural resources and engineering. We read, we write, we research, we explore, and we work indoors and out to better the world around us. ESC is three classes in one and counts for three credits per semester. Have questions? Talk to Ms. Morris.

***Note:** Environmental Studies may be taken for 1 or more

Biology

Open to Grades: 10 - 12

Length of Course: Full Year

Requirement: Lab Science

Prerequisite: None

Goals/Skills Developed: This introductory life science course develops a conceptual understanding of the unifying principles of biology: ecology, evolution, continuity, development, homeostasis, energy, matter and organization. Students will develop proficiency in applying a scientific problem-solving approach while building reading comprehension and vocabulary. Various lab activities will be used to illustrate concepts.

Chemistry

Open to Grades: 10 - 12

Length of Course: Full Year

Graduation Requirement:

Lab Science

Prerequisite: None

Goals/Skills Developed: This is a comprehensive high school chemistry class which incorporates the study of the periodic table, including patterns, properties, bonding, and energy; reactions, including electron states, electrical forces, bond energy, effects of temperature change, increased products, and conservation of energy and mass; and molecular chemistry, including fusion, fission, and radioactive decay. Additional scientific explorations in the second semester will include gas laws, thermodynamics, acid/base chemistry,

stoichiometry, and organic structures. This course will also highlight an understanding of the practical connections and applications of chemistry to everyday life.

AP Biology

Open to Grades: 10 - 12

Length of Course: Full Year

Graduation Requirements:

Lab Science, CTE

Prerequisite: 2.0 credits of high school science

Goals/Skills Developed:

The AP Biology course will provide many opportunities to develop a conceptual framework for biology through the application of the knowledge that is gained through hands-on and critical thinking activities. AP Biology will give students a chance to share and reflect on many of the modern discoveries that provide us with a greater understanding of the world in which we live. AP Biology is a college-level course in which students will be held to high expectations. An AP exam is offered at the end of the school year that may allow students to earn college credit.

The course is structured around four big ideas:

- Big Idea 1: The process of evolution drives the diversity and unity of life.
- Big Idea 2: Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis.
- Big Idea 3: Living systems store, retrieve, transmit

and respond to information essential to life processes.

- Big Idea 4: Biological systems interact, and these systems and their interactions possess

Marine Biology

Open to Grades: 10 - 12

Length of Course: Full Year

Graduation Requirements:

Lab Science

Prerequisite: None

Goals/Skills Developed: This course is for students who are interested in developing an understanding of the basic concepts of Marine Biology. It is intended for students at all levels who are motivated to learn more about the oceans of the world and the organisms that live in them. The course is designed to include the study of the marine organisms of our own coastal area as well as others around the world. Laboratory activities will be an integral part of the course.

The major areas of study will include:

The World's Oceans, Chemical and Physical Factors, Marine Plants, Marine Invertebrates/Vertebrates, Marine Ecology and Biomes.



Careers in Science

Open to Grades: 11 - 12

Length of Course: Semester

Graduation Requirement:

Science or Occupational

Prerequisite: Biology

Goals/Skills Developed: This course will cover careers science has to offer involving guest speakers, fieldwork, research, and a focus on women in science. This class will offer hands on field research experience in a variety of science careers. We will simulate careers by exploring the details of science jobs. We will venture on field studies, field trips and invite guest speakers to discuss the details of their fields of study.

Some of the careers we will explore will be:

Wildlife Biologist, Fisheries Biologist, Aeronautical Engineer, Animal Behaviorist, Natural Resource Scientist, Forensic Scientist, and Botanist.

Zoology

Open to Grades: 11 - 12

Length of Course: Semester

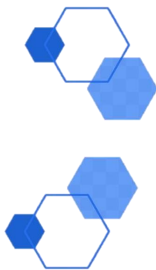
Graduation Requirement:

Lab Science

Prerequisite: 2.0 credits of high school science

Goals/Skills Developed:

This course will survey the biology and classification of invertebrate and vertebrate animals. Comparative physiology, development, behavioral and anatomical studies will be emphasized. Lab work will involve dissection.



AP Physics

Open to Grades: 11 - 12

Length of Course: Full Year

Graduation Requirement:

Lab Science

Prerequisite: Completion of Algebra II or teacher recommendation

Goals/Skills Developed:

AP Physics 1 is an algebra-based course in general physics. Topics presented closely follow those outlined by the College Board. Six big ideas constitute the fundamental principles and theories of general physics. These big ideas are intended to have students think about physics as interconnected concepts rather than non-related topics. Students have the opportunity to think about these topics by participating in inquiry-based activities. They will spend less in a traditional formula-based learning environment and more time developing critical thinking and reasoning skills. An AP exam is offered at the end of the school year that may allow students to earn college credit.

- Big Idea 1: Objects and systems have properties such as mass and change. Systems may have internal structure.
- Big Idea 2: Fields existing in space can be used to explain interactions.
- Big Idea 3: The interactions of an object with other objects can be described by forces.
- Big Idea 4: The interactions between systems can result in changes in those systems

- Big Idea 5: Changes that occur as a result of interactions are constrained by conservation laws.
- Big Idea 6: Waves can transfer energy and momentum from one location to another without
- the permanent transfer of mass and serve as a
- mathematical model for the description of other
- phenomena.

Ecology

Open to Grades: 11 - 12

Length of Course: Full Year

Graduation Requirement: Science

Prerequisite: Biology

Goals/Skills Developed:

In this class we will dive further into the study of how our natural world is connected and the impacts of human actions both positive and negative. This class will look at the following subjects from both a local (Pacific Northwest) and global perspective, life in an ecosystem, energy acquisition and usage, waste management (including recycling), different types of land management, food supply, and city development. Each unit will have a focus on career pathways and job requirements for that area of study. This class will have field trips to locations that will expand our knowledge and understanding of local ecological issues. This is a project and research based course that will require students to work in groups and independently.

Participation in group discussions and group projects will be essential to your success in this class. Why you should take this course: This course is a great option if you are curious about why there are so many different ways to manage resources. If you have ever questioned, “why does the Pacific Northwest use hydropower, but the East Coast doesn’t” or “why can’t we recycle all plastics”, then this is a great class for you. If you are interested in entering the fields of Environment Sciences, Ecology, Land Management, or you just want to explore careers involving natural resources, then this would be a great class for you! If you just need a balanced science course and are unsure of what you want to do when you get older, this class would be a great introduction to topics you might not know about.

Anatomy & Physiology

Open to Grades: 11 - 12

Length of Course: Full Year

Grad. Requirement: Lab

Science, Elective, or CTE

Prerequisite: 2.0 credits of high school science with a C or better

Goals/Skills Developed: This is a two-semester course in which anatomy and physiology is studied with an emphasis on structure and functions of systems. A comprehensive, introductory overview of human anatomy and physiology includes: basic fundamental concepts of cell biology, tissues and organs making up the

integumentary, skeletal, muscular, and nervous, endocrine, cardiovascular, lymphatic and immune, respiratory, digestive, urinary, and reproductive systems. Students will need to be able to access information from college-level reading material and participate in all dissections.

Environmental Studies

2.0

Open to Grades: 11-12

Length of Course: Full year

Grad. Requirement: 2.0 credits > any combination of 1.0 CTE (counts for occupational or elective) 1.0 English (11-12), and/or 1.0 Science- Environmental Science *See

counselors/registrar/Ms. Morris for clarification

Prerequisite: None

Goals/Skills Developed:

Goal setting, plan creation, problem solving and plan implementation, evaluating public policies and practices, writing, research, critical thinking, mentoring younger learners, budgeting and cost analysis, community outreach, leadership, and teamwork.

Description: ESC is a 2-hour block with activities in the classroom, around our campus, and in the La Center community in general.

Why you should take this

course: If you: enjoy interactive projects and hands-on activities, enjoy being outdoors and working in a garden or along a creek, think about pursuing job or career in the natural resources/ environmental sciences or teaching field, believe in a more integrated

approach to learning,, prefer a direct connection between learning and the real-world and/or want to make a positive impact upon your school and in the greater La Center community might be for you. ES 2.0 will also explore careers in STEM and the natural sciences.

***Note:** Environmental Studies 2.0 may be taken for 1 or more years.

AP Computer Science Principles

Open to Grades: 9 - 12

Length of Course: Full Year

Graduation Requirement:

Math, CTE, Science

Prerequisite: None

Goal/Skills Developed:

AP Computer Science

Principles is an introductory

college-level computing

course that introduces

students to the breadth of

the field of computer

science. Students learn to

design and evaluate

solutions and to apply

computer science to solve

problems through the

development of algorithms

and programs. They

incorporate abstraction into

programs and use data to

discover new knowledge.

Students also explain how

computing innovations and

computing systems—

including the internet—work,

explore their potential

impacts, and contribute to a

computing culture that is

collaborative and ethical. An

AP exam is offered at the

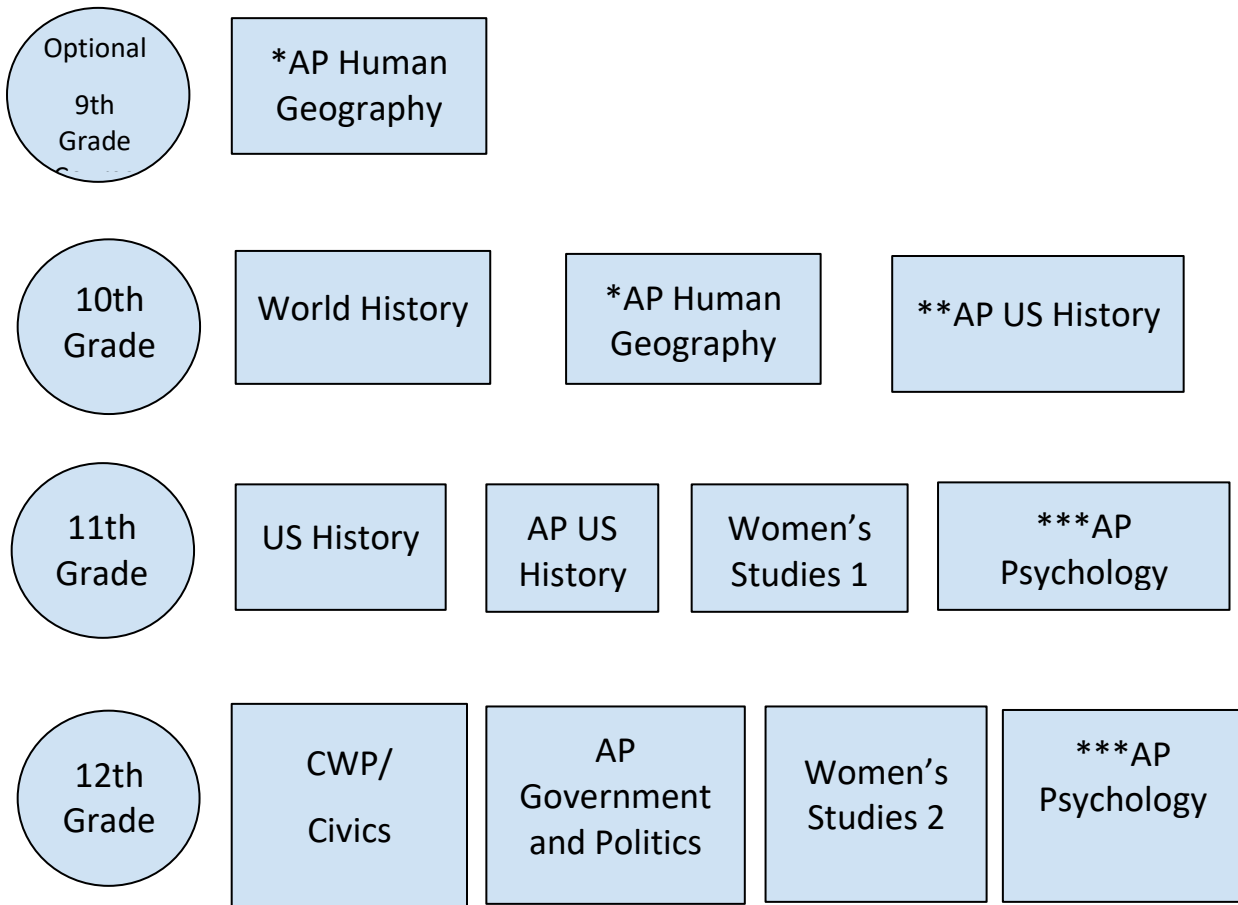
end of the school year that

may allow students to earn

college credit.

Social Studies Course Pathways at La Center High School

The following flow chart outlines the Social Studies course options at each grade level. Students need 3 years of Social Studies credits to graduate from high school. Social Studies is not a requirement as a 9th grader, however there is an optional Social Studies elective Advanced Placement Option. Then starting in 10th grade, all students have the option for a grade level or Advanced Placement course option. All students will be required to take .5 credits of Civics and .5 credits of CWP, Women’s Studies 2, or AP Government and Politics to meet Social Studies Graduation Requirements.



Social Studies Electives:

*AP Human Geography can be taken as a Social Studies Elective grades 9-12

**AP US History can be taken by students in 10th grade that took AP Human Geography in 9th grade

***AP Psychology can be taken as a Social Studies Elective, but does not qualify as a Social Studies graduation requirement



Social Studies



AP Human Geography

Open to Grades: 9 - 12

Length of Course: Full Year

Graduation Requirement: Social Studies

Prerequisite: None

Goals/Skills Developed:

AP Human Geography is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students will apply the methods and tools of geographers by employing spatial concepts and landscape analysis to examine human social organization and its environmental and geopolitical consequences. Students also learn about the methods and tools geographers use in their science and practice to more completely understand the complexities of: population and migration; cultural patterns and processes; political organization of space; agriculture and rural land use; industrialization and economic development; cities and urban land use. An AP exam is offered at the end of the school year that may allow students to earn college credit.

United States History

Open to Grades: 11

Length of Course: Full Year

Graduation Requirement: Required Social Studies

Prerequisite: None

Goals/Skills Developed:

US History investigates America's colorful and rich past. Students will understand the fundamental principles of American politics and economics. This fundamental study will enable students to understand their role in American society. Students will have a greater appreciation and understanding of America's past in order to become informed citizens. This history class will focus on 20th century United States history, with a concentration on World War II and Vietnam.

AP US Government & Politics

Open to Grades: 11 - 12

Length of Course: Full year

Graduation Requirement: Civics or CWP or Elective

Prerequisite: Instructor permission.

Goals/Skills Developed:

AP Government and Politics

is a college-level course that explores the political theory and everyday practice that direct the daily operation of the U.S. government and shapes our public policies. It will also provide the students with an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and analysis of specific examples. An AP exam is offered at the end of the school year that may allow students to earn college credit.

World History

Open to Grades: 10

Length of Course: Year

Graduation Requirement:

Social Studies Elective

Prerequisite: None

Goals/Skills Developed:

These main components are covered in World History: Comparative Religion explores the three western monotheistic faiths of Judaism, Christianity, and Islam as well as the eastern faiths of Hinduism and Buddhism. Students will analyze the role religion has played throughout human history and into contemporary world issues. European Imperialism and its political, economic, and cultural dimensions from the 1840s through the 1960s will be explored in another section.

People and Planet – Where things are located impact human societies, international trade and relations, as well as other lifeforms on our planet. This section looks at how people live around the world and how location and natural resources shape their culture, history and present way of life.

AP Psychology

Open to Grades: 11-12

Graduation Requirement:

Social Studies Elective

Credit: 1.0

Length: Full Year

Prerequisite(s): None

Cost: AP exam fee (help with cost may be available).

Goals/Skills Developed:

This course introduces the study of behavior and mental processes. to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology.

Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. Students considering AP courses should be prepared for a rigorous learning experience. Students who take the AP test have the opportunity to earn college credit.

AP United States

History

Open to Grades: 10-11

Length of Course: Full Year

Graduation Requirement:

Social Studies

Prerequisite: None

Goals/Skills Developed:

The AP U.S. History course focuses on the development of historical thinking skills (chronological reasoning, contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and the development of students abilities to think conceptually about U.S. history from approximately 1491 to the present. Seven themes of equal importance — American and National Identity; Migration and Settlement; Politics and Power; Work, Exchange, and Technology; America in the World; Geography and the Environment; provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. An AP exam is offered at the end of the school year that may allow students to earn college credit.

Women's Studies 1

Open to Grades: 11 - 12

Length of Course: Full year

Graduation Requirements:

English, US History or Elective

Prerequisite: None

Goals/Skills Developed:

Women's Studies 1 is a class designed to look at the historical aspect of women's rights from 1700 - present. It will also examine women's issues of today such as equal pay, glass ceiling, cycle of violence, as well as many other topics. This class is designed to enhance student's understanding of the world outside of what they know.

Women's Studies 2

Open to Grades: 12

Length of Course: Full year

Graduation Requirements:

English, CWP or Elective

Prerequisite: Seniors who have completed Women's Studies 1.

Goals/Skills Developed:

Women's Studies 2 looks at current issues through the eyes of women. Newspapers, magazines, poetry, novels and guest speakers will allow students to understand the current national and international roles and struggles of women. This class will also undertake a service project to give back to the community as well as follow all other guidelines required by CWP classes.

CWP (Contemporary World Problems) /

Civics

Open to Grades: 12

Length of Course: Full Year

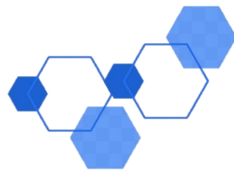
Graduation Requirement:

Required Social Studies

Prerequisite: Senior Standing

Goals/Skills Developed:

This course will be divided into two areas of focus. The first focus will be to study domestic issues facing the United States. The second part will examine international issues affecting the U.S. and the global community. An emphasis will be placed on the skills of communication, analysis, evaluation, and problem solving. Awareness of current events is mandatory. The course will also examine important concepts including historical and philosophical foundations of our country's ideas about constitutional government, the creation of the Constitution, the Bill of Rights, the expansion of rights, and how the branches of government are organized to complete the Civics graduation requirement.



World Language & ASL



American Sign Language (ASL I)

Open to Grades: 9-12

Length of Course: Full Year

Grad. Requirement: World Language or Elective

Prerequisite: None

Goals/Skills Developed:

This course is designed to provide students with the basic skills needed to communicate with Deaf people. Students will develop receptive and expressive skills in fingerspelling, acquire signs related to a variety of topics, and be introduced to ASL grammar and syntax. By actively participating in interactive, often 'voice-off' classroom activities, students will gain an understanding of communicating in this visual-gestural language at the novice level. Students will explore aspects of Deaf culture.

Assignments: Daily assignments, homework, ongoing review, quizzes, tests, projects, and interactive activities.

American Sign Language (ASL II)

Open to Grades: 10-12

Length of Course: Full Year

Graduation Requirement: World Language or Elective

Prerequisite: ASL I

Goals/Skills Developed:

Students will build upon their prior levels of proficiency in this visual-gestural language, as they increase their receptive and expressive skills in fingerspelling, topical signs and knowledge of ASL grammar and syntax. Classroom environment will often be 'voice-off'. Students will participate in signed interactions, designed to prepare them to interact with Deaf people in a variety of school, work and social settings. Students will continue exploring aspects of Deaf culture, as they advance on their path to proficiency.

Assignments: Daily assignments, homework, ongoing review, quizzes, tests, projects, and interactive activities.

German

German I

Open to Grades: 9 - 12

Length of Course: Full year

Graduation Requirement:

World Language

Prerequisite: None

Goals/Skills Developed:

In German I students will learn introductory German grammar, vocabulary, and pronunciation. Conversation will be a huge part of the class, helping to continually reinforce new German vocabulary and concepts. We will also touch on German, Swiss, and Austrian culture.

German II

Open to Grades: 10 - 12

Length of Course: Full year

Graduation Requirement:

World Language

Prerequisite: Completion of German 1

Goals/Skills Developed:

In German II students will be acquiring the German language primarily through reading, writing, and storytelling. Students will enrich their vocabulary with the most commonly used words in the German language. They will gain a clearer understanding of German grammar as we tackle more intricate grammatical features. Students will also be responsible for creating German conversations and skits to show mastery of the vocabulary.

Spanish

Spanish I

Open to Grades: 9 - 12

Length of Course: Full year

Graduation Requirement:

World Language

Prerequisite: None

Goals/Skills Developed:

By actively participating in comprehensible input-based classroom activities, students will learn to listen and read with understanding, write and speak Spanish at the novice level. Students will be introduced to various aspects of Hispanic cultures to increase their awareness of other viewpoints.

Assignments: Daily assignments, ongoing review, quizzes, oral discussion, projects and exams.

Spanish II

Open to Grades: 10 - 12

Length of Course: Full year

Graduation Requirement:

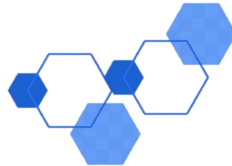
World Language

Prerequisite: Successful

completion of Spanish I

Goals/Skills Developed:

By actively participating in comprehensible input-based classroom activities, students will build upon and refine their listening, reading, writing and speaking abilities in Spanish. Students will be introduced to various aspects of Hispanic cultures to increase their awareness of other viewpoints, as they advance on their path toward proficiency.



Spanish III

Open to Grades: 11 - 12

Length of Course: Full year

Graduation Requirement:

World Language

Prerequisite: Successful

completion of Spanish I &

Spanish II

Goals/Skills Developed:

By actively participating in comprehensible input-based classroom activities, students will continue to build upon and refine their listening, reading, writing and speaking abilities in Spanish. Students will continue to explore various aspects of Hispanic cultures to increase their awareness of other viewpoints. More emphasis will be placed on independent learning, as students interact with texts of increasing complexity while advancing on their path toward proficiency.

Additional Elective Courses



Digital

Design/Yearbook

Open to Grades: 11 - 12
(Limit of 15 students)

Length of Course: Full Year

Graduation Requirement:
English Elective

Cost: You will need to provide your own transportation to school events and local businesses, and you must have an ASB card.

Prerequisites: Mr. Zylstra's permission. Strong writing skills are very important.

Also, you are required to attend the spring yearbook meeting and complete the summer yearbook project.

Goals/Skills Developed:

You will be designing, writing, and taking photos for the La Center High School yearbook. You will also sell and design business advertisements for the yearbook. It is really important for students to be able to set goals and work independently. You will be graded on your contribution to the class and your ability to do quality work in a timely manner.

Community Service Electives

Introduction to Leadership/ASB

Open to Grades: 9

Length of Course: Semester
Graduation Requirement:

Elective

Prerequisite: None

Goals/Skills Developed:

This course begins to develop the positive character and leadership potential of every student to lead with integrity while serving their school and community by focusing on the values of tolerance, kindness, and respect. The class is primarily experiential-learning based and emphasizes the importance of communication, character, personal growth, building strong relationships, and fostering community engagement.

Leadership/ASB

Open to Grades: 10 & 12

Length of Course: Full Year
Graduation Requirement:

Elective

Prerequisite: None

Goals/Skills Developed:

This course is strongly recommended for students who want to improve their verbal communication, teamwork skills, time management skills and organizational skills. It is a year long course in which all members of ASB must

attend. Leadership is open for any student wishing to improve the environment of LCHS through activities, school spirit, and school participation. Students must also be willing to challenge themselves and others mentally and be willing to assume leadership positions.

Office Assistant

Open to Grades: 11 & 12

Length of Course: Semester
Graduation Requirement:

Elective

Prerequisite: None

Goals/Skills Developed:

Basic office skills such as filing, using the telephone, mail procedures, etc., are developed. Office Assistants will use high speed copy machines and must have the ability to input information using Office and Excel programs as needed. Learning to work with others is also stressed. Good attendance is important.

Library Assistant

Open to Grades: 11 & 12

Length of Course: Semester
Graduation Requirement:

Elective

Prerequisite: None

Goals/Skills Developed:

Learn the skills unique to working in a library environment. Additional skills covering office equipment and an understanding of the Internet will provide opportunities for future endeavors. Patron service

will assist students in any future working environment.

Teacher's Aide (HS, MS, ES)

Open to Grades: 11 & 12

Length of Course: Semester

Graduation Requirement: Elective

Prerequisite: Demonstrate responsibility, student success skills, flexibility and patience.

Goals/Skills Developed:

Teacher's aides assist with a variety of tasks to help teachers with their classroom needs. Aides may be asked to prepare bulletin boards, request photocopies, put away materials, deliver items, organize filing, or many other duties. Aides must be self-starters, follow directions carefully, and work independently. They must maintain a high level of confidentiality. If you are interested in a position as an aide begin the process by getting an aide request form from a counselor.

Student Services Aide

Open to Grades: 11 & 12

Length of Course: Semester

Graduation Requirement: Elective

Prerequisite: Demonstrate responsibility, student success skills, flexibility and patience.

Goals/Skills Developed:

Student Services aides assist with a variety of tasks to help the counselors. Aides may be asked to prepare bulletin boards, deliver items, help in the preparation of school wide activities, or many other duties. Aides must

maintain a high level of confidentiality. They must be self-starters, follow directions carefully, and work independently. If you are interested in a position as an aide begin the process by getting an aide request form from a counselor.

Focus Mentor

Open to Grades: 11 & 12

Length of Course: Semester

Graduation Requirement: Elective

Prerequisite: Demonstrate responsibility, student success skills, flexibility and patience. Must have teacher approval.

Goals/Skills Developed:

Mentors work with students in the Focus classes. They help students with homework, classwork, organizing binders, cleaning lockers, logging into Skyward and setting goals. Mentors will work with students individually, and in small groups in the classroom under the teacher's guidance.

