

Churchill High School - Grade 9

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Pre-Assigned Courses - 9th Grade CHS

English 9 A, B

Area: LA 1.0 Credit

Grade Level: 9

Students will build a strong foundation of English language arts skills to prove proficiency in the Oregon Common Core Curriculum Standards including writing, reading, speaking, listening and language (grammar). Selected works may include: *Romeo and Juliet*, *Mythology (Hamilton)*, *Night*, *The Alchemist*, *Maus*, and others.

Global Geography A, B

Area: SS 1.0 Credit

Grade Level: 9

This class has been designed to help 9th-graders understand social, political, geographic and economic content, which influence events in our world today. Readings and activities include discussions of global cultures and physical geography, world values and beliefs (world faith traditions, political and economic theories), and global explorations, all linking geography with how we live our lives today. Studies will focus on writing, research and analysis skills, along with organization that will provide an important foundation for later courses.

Linear Mathematical Modeling

Area: MA Credit: .5

Grade Level: 9

In this 1-trimester course, students mathematize a variety of “real-world” context with tables, equations, functions, and graphs. A focus on linear relationships provides students opportunity to further develop their understanding of rational numbers, proportional reasoning, and communication of mathematical reasoning, providing a foundation for high school math success. Students who demonstrate proficiency of middle school standards, through multiple measures including state testing, common district assessments, and teacher recommendation, are not required to take this course (see pathways description above). This course is only offered during Trimester 1.

Intermediate Algebra A/B

Area: MA Credit: 1.0

Grade Level: 9-10

Prerequisite: Demonstrated grade level mastery of middle school math standards OR Linear Algebra Math Modeling

In the first trimester of this course, students write linear and exponential functions to model real world context, including systems of equations. Students explore arithmetic and geometric sequences and write mathematical models that fit these patterns. In the second trimester, students learn the basics of quadratic functions. The focus is on comparison of linear, exponential, and quadratic models. Throughout both trimesters, students represent their thinking with tables, graphs, equations, and description of situations. Students demonstrate mastery of standards through exams, work samples, projects, and collaborative mathematical modeling tasks. The final exam of this course sequence includes a work sample that can be banked towards meeting Essential Skills graduation requirements.

Students who already completed Algebra will be assigned Geometry and Probability & Statistics. Please see full Course Catalog for descriptions.

PHYSICAL SCIENCE – Matter*

Area: SC 0.5 Credit

Grade Level: 9

This course teaches the fundamentals of high school chemistry concepts using methods that increase students' familiarity with science and engineering practices. Major topics include atomic structure & properties, the periodic table, molecules & molecular properties, chemical reactions, and fission & fusion. Laboratory skills, scientific inquiry, experimental design, and methods for analysis are developed through hands-on laboratory experiences. Along with "Physical Science-Energy," the course prepares 9th grade students with skills and knowledge for success in all their subsequent high school science classes.

PHYSICAL SCIENCE – Energy*

Area: SC 0.5 Credit

Grade Level: 9

This course teaches the fundamentals of high school physics concepts using methods that increase students' familiarity with science and engineering practices. Major topics include forces & motion, Newton's Laws, energy types, conservation of energy, and transfer of energy. Laboratory skills, scientific inquiry, experimental design, and methods for analysis are developed through hands-on laboratory experiences. Along with "Physical Science-Matter", this course prepares 9th grade students with the skills and knowledge for success in all their subsequent high school science classes.

* The following courses must be completed by trimester 1 of 11th Grade: Physical Science Energy, Physical Science Matter, Biology - Micro, Biology- Macro, Earth & Space Science.

Pre-Assigned Courses - 9th Grade Eugene IHS

GLOBAL GEOGRAPHY A, B, C

Area: SS 1.0 Credit (Full Year) Grade Level: 9

Prerequisite: Must be enrolled in Eugene IHS

Global Geography enriches students' understanding of the voices, history, culture, setting, and current political/environmental issues of people in each region of the world.

GLOBAL LITERATURE A, B, C

Area: LA 1.0 Credit (Full Year) Grade Level: 9

Prerequisite: Must be enrolled in Eugene IHS

This language arts course introduces literature from various regions around the world and focuses on universal issues and themes, cultural foundations, and a discovery of how literature mirrors the human condition. We begin the year reading travel narratives and poetry to examine our own philosophies on travel. The units that follow include works from Australia, Asia, Africa, and Europe. Woven into these units will be the study of writing, critical thinking, vocabulary, grammar, and speaking skills. Because good communication skills – reading, writing, speaking, and listening – are essential for addressing universal issues in a global world, students will also learn how to write a formal essay, develop critical thinking skills through focused discussion, and participate in individual and group presentations. Novels, plays, short stories, articles and poetry will be used as foundations of our units of study.

GLOBAL HEALTH A, B, C

Area: HE 1.0 Credit (Full Year) Grade Level: 9

Prerequisite: Must be enrolled in Eugene IHS

Global Health is a year-long course with a focus on self-empowerment, media literacy, and global activism. We seek to foster an understanding of personal health issues and to encourage reflection on each student's own wellbeing in the broader context of a global education. Focus will be given to self assessment, self management, building analytical skills, strengthening communication skills, setting goals, decision making for personal health, and exploring how to self-advocate and take action in the many areas of health.

Please see Pre-assigned Courses CHS for Math and Science Pre-assigned courses (page 2-3).

Art / Graphic Design

Art 3D “Visual” (Grade 9-12)

- Exploring 3 dimensional form
- Sculpture using chipboard - angular, curved, representational, abstract, acrylic painting techniques, small figurines
- Project based course

Drawing/Painting - Elements CTE (Grade 9-12)

- Survey of basic drawing and painting skills and techniques - 2 dimensional
- Pattern, value, perspective, composition, grid system, color wheel, watercolor, acrylic
- Project based course

Drawing/Painting - Principles CTE (Grade 9-12)

- Survey of basic drawing and painting skills and techniques - 2 dimensional
- Texture, rhythm, color theory, portraits, charcoal, colored pencil, acrylic
- Project based course

Advanced Art “Studio” (Grade 9-12)

- For the serious and motivated advanced artist who wants to build his/her portfolio or continue to art school
- Very independent / self directed
- Materials, disciplines, and projects are individualized depending on the artist's goals

Visual Design CTE/CN - Principles (Grade 9-12) (LCC ART115 - *Basic Design Fundamentals*)

- Survey of the Elements and Principles of Art
- Multiple mediums including ddd
- Line, value, form, harmony, silhouette, India ink, watercolor resist, cheesecloth, portraiture

Business / Technology

Personal Finance CN (Grade 9-12)

- Class emphasis is on personal budgets, real estate ownership, and intelligent use of consumer credit, credit institutions, insurance, personal investing, stocks, bonds, retirement planning, and mutual funds.
- The course is designed to provide an understanding of personal topics and the analytical tools necessary to optimize personal decision making in the subject area.

Intro to Business CN (Grade 9-12)

- This is an introductory business survey course covering basic concepts and language of business.
- Students will gain insight into the operations of business as well as practical experience.

Entrepreneurship (Business - AF053X0) (Grade 9-12)

- This course provides students with the skills necessary to succeed as an entrepreneur.
- Students will learn and develop business skills in an educational environment.

Sports Marketing CN (Grade 9-12)

- Course explores the sports and entertainment marketing industry and its consumer and communication realities.
- This intermediate marketing course introduces students to the sports and entertainment marketing business.

Adv Comp Apps - Cad I-CN (Grade 9-12)

- In this course students use AutoCAD drafting software to create 2D and 3D drawings.

Adv Comp Apps - Cad II-CN (Grade 9-12)

- This course is designed to teach students commands necessary for professional 2D and 3D drawing, design, and drafting using SolidWorks Software.
- Due to the integrated mathematics required for success with CAD, students need to pass Geometry before taking this course.

Digital Media

Design Thinking (Grade 9-12)

- Based on *Stanford d-School* design model
- Students learn visual thinking, visual tools and visual facilitation techniques
- Students will practice solution-oriented problem solving combined with critical and collaborative thinking.

Digital Media Design - A (Grade 9-12)

- Basic to Intermediate video production skills
- Coursework will emphasize the various software elements of Adobe Creative Cloud.

Digital Media Design CN - B (Grade 9-12)

- Intermediate to Advanced video production skills
- Incorporates Adobe Muse (web design) with a focus on creating digital media content for the web

Engineering

Engr Design - A & B (Grade 9-12)

- Learn how to read blueprints and precision measuring.
- The beginning of an engineering pathway goes through the design process.
- In Design B, students learn how to build parts using Inventor software.

Robotics (Grade 9-12)

- Program robots
- Compete on teams to complete challenges
- Emphasis on control and interface

Exploring Computer Science - A & B CTE/CN (Grade 9-12)

- Includes computational practices of algorithm design, problem solving, and programming.

Health

Health 1 (Grade 9-12)

- Replaces Health Education
- Topics include: the health triangle, nutrition, body systems, disease prevention

Health 2 (Grade 9-12)

- Replaces Human Sexuality & Healthy Lifestyles
- Topics include: violence, suicide prevention, and human sexuality.

Music

Symphonic Band - A, B, C (Grade 9-12)

- Woodwind, brass and percussionists welcome
- Multiple performance during the year
- Football Pep band performances required

Jazz Band- Intermediate (Grade 9-12) Instructor approval Required, Full Year Commitment Expected

- Zero period class
- Pep Band performances required
- Any students interested in learning and performing jazz band music.

Jazz Ensemble - A, B, C (Grade 9-12) Audition Required, Full Year Commitment Expected

- Zero period class
- Football Pep Band performances required
- Any musician who has an interest in jazz, jazz theory, and improvisation.

Choir - Treble - A, B, C (Grade 9-12 Soprano/Alto Voices- NO audition required)

- Soprano & Alto Voice Ensemble that sings many different genres and styles, including classical, world music, folk & contemporary styles
- One concert outside of class per term
- Fun, supportive, and dedicated group of singers

Choir - Concert - A, B, C (Grade 9-12 “Bass/Tenor Voices”; Grade 10-12 “Soprano/Alto Voices”, Audition Required, Full Year Commitment Expected)

- Large Mixed Voice Ensemble that sings many different genres and styles, including classical, world music, folk & contemporary styles
- Extra performances and trips outside of school hours
- Fun, supportive, and dedicated group of singers

Music Technology A (Grade 9-12)

- Designed for students who are interested in creating music in the digital world.
- Students do not have to play a musical instrument, but should be interested in creating and producing music using software.
- Recommended Trimester 2 for Music Pathway students interested in the music Technology path.

Music Technology B (Grade 9-12)

- Designed for students who are interested in using music technology to create, edit and produce music using microphones, laptops and other recording equipment.
- This is a continuation of Music Tech A for students interested in capturing live sound and using technology to edit and produce music for themselves and other artists.
- Meets in Churchill’s new recording studio.

Physical Education

General PE (Grade 9-12)

- Students will learn the basics of physical fitness through a variety of activities including; team sports, dual sports, and lifetime activities.

Strength/Conditioning (Grade 9-12)

Students will learn strength and conditioning techniques, weight room etiquette and protocol, and other lifelong training strategies that can help develop a healthy lifestyle

Athletic Conditioning (Grade 9-12)

- Focus is on sport specific pre-season conditioning and instruction. Offered during 0 period.
- **1st trimester (A):** girls and boys basketball, wrestling, and swimming.
- **2nd trimester (B):** softball, baseball, and track.
- **3rd trimester (C):** volleyball, girls and boys soccer, football, and cross country.

World Language

World Language credits are **NOT** needed to graduate from CHS but ...

- they fulfill Fine Arts graduation requirements
- most universities require AT LEAST 2 years of the same language as part of their entrance requirements
- IHS students need 3 years to complete IHS graduation requirements
- ALL World Language students must pass each term with a C or higher to continue on.
- If a student has had previous language instruction or experience with a language, and is unsure which level is best, please check with Alicia Newton-Hamill or Miiko Suzuki for guidance
- Students can request three trimesters of Spanish that are in order. For example: Spanish IA, IB, 2A or Spanish 2A, 2B, 3A or Spanish 2B, 3A, 3B

Spanish I - A, B

Spanish II - A, B

Spanish III CN - A, B

Japanese I - A, B

Japanese II CN - A, B

Japanese III CN - A, B



Eugene International High School

www.ihs.4j.lane.edu

Eugene International High School (Eugene IHS) is an alternative school in international studies for students in grades nine through twelve. Students who graduate from Eugene IHS will have developed greater knowledge of the world and a cultural awareness necessary for international communication and understanding.

Main Facts:

- Over the course of four years students will study aspects of nations around the globe. All students have to take Language Arts and Social Studies to graduate. If you like studying about other countries and cultures you might like Eugene IHS.
- Eugene IHS is a school-within-a-school. Classes are in a 2 period block – morning IHS block is during Periods 1 and 2 OR afternoon IHS block is during Periods 4 and 5 – all year long.
- There are 3 core classes in each grade in Eugene IHS and since it is only during 2 periods you take 2 of the 3 classes each day. The 2 classes for the day rotate on what we call an ABC schedule.
- Eugene IHS is located at South, Sheldon and Churchill, so when you are enrolled in Eugene IHS you are enrolled in our school along with students from those other schools who also have the same teachers and same classes. Most of our teachers spend half of their day teaching at one campus the move to another campus for the other half.
- Eugene IHS students also need to take 3 years of world language - can be 2 years of one and first of another. Entrance to 4-year colleges requires 2 years of the same. If planning on taking an IB test in Spanish or Japanese must reach level 4 of that language.
- You can join Eugene IHS in your 9th, 10th, or 11th grade year if space is available.

Highlights:

- Year-long class structure strengthens sense of community and helps to build life-long friendships
- Courses are fun and interesting as well as college prep
- Opportunity to take IB tests and earn college credit
- Support for ALL students
- Local and global community involvement

Year-long Courses:

9th Grade

Global Literature – read stories/poems/books from around the world – Australia, Asia, Africa, Europe – writing and art assignments

Global Geography – learn about the geography of the world – examine current events relating to geography, map cultural and geographical information on world maps

Global Health – physical, social, and emotional health and well-being both personally and in a global context

10th Grade

Global Literature and the Arts – plays, artwork and presentations related to literature from around the world - Greek Mythology, Europe, Middle East, India China

Global History – examine cause and effect of historical events from around the world – Europe, Middle East, China

Comparative Values and Belief Systems – compare world religions and philosophies

11th Grade

History of the Americas (IB) – explore cultural roots, political-economic-social development, and modern international relations of North and Latin America

Literature of the Americas (IB) – explore cultural roots, political-economic-social development that has shaped the literature of North and Latin America

Comparative Political and Economic Systems (IB) – explore current economic theory and issues and how and how they impact individuals and societies (macro, micro, international trade and development)

Junior Seminar – independent study course that meets about 2 times/month – students work on meeting CAS hour requirements (Creativity, Activity, Service hours) and career-center graduation requirements, and get instruction on their senior research project (called their Extended Essay)

12th Grade

Twentieth Century Global Literature (IB) – study the worldwide changes in literature that originated in the 20th Century – good preparation for college writing

Twentieth Century Global History (IB) – examine pivotal events and case studies from the 20th Century

Theory of Knowledge (IB) – philosophy – how do you know what you know?

Extended Essay (IB) (Tri 1 and 2) - independent study course that meets about 2 times/month – write a 4,000 word original research essay on the topic of your choice (starts in junior year)

CAS (IB) (Tri 3) - independent study course that meets about 2 times/month – students complete 150 hours of CAS - starts in Junior year and completed by April of senior year

Eugene IHS is an IB (International Baccalaureate) World School:

- In order to take an IB test you must be in enrolled in an IB school, meaning you must enroll in Eugene IHS. IB tests can earn you college credit, automatic entry, and/or sophomore standing at many colleges.
- You do not have to take IB tests just because you are in Eugene IHS, but it is an option. By being in Eugene IHS your junior and senior IHS courses will be coded as IB courses on your transcripts which will look good to colleges.
- There are 6 IB tests you can take: IB Language (Spanish or Japanese), IB Physics, IB Pre-Calculus, IB Literature, IB History, IB Economics. You can take an IB test only in the subjects you are interested in and that may earn you college credit similar to AP OR if you take all 6 IB tests you may qualify for the IB Diploma which can earn you more college credit. Typically students take the IB math and economics test in junior year and IB Language, IB Physics, IB Literature and IB History tests in the senior year.
- If planning to take an IB test in Spanish or Japanese must reach level 4 of that language by senior year.
- If planning to take an IB test in math you would need to take IB Pre-Calculus in your junior year.
- If planning to take the IB Physics test you would take IB Physics I junior year and IB Physics 2 senior year.
- IB Literature, History and Economics are part of the Eugene IHS curriculum so by being in Eugene IHS you would be prepared for those tests.

Other Facts:

There's a misconception that students can't do one of the other pathways (Engineering, Health Services, Rachel Carson, etc) and IHS. This is often possible. If you are interested, sign up for the required classes for your grade level and if there is a scheduling issue someone will let you know.

Any student can enroll. You must go through the 4J School Choice Lottery, regardless of attendance area.

For more information and how to enroll see Lynne Given in the Eugene IHS office in 2nd J-Hall.

Contact Info: Eugene IHS office at Churchill: 541-790-5225 or given@4j.lane.edu.

We hope you'll consider joining our Eugene IHS family!