



Siuslaw High School

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♦ Motivating and preparing all students to reach their greatest potential. ♦

Course Description Guide 2021-2022

The goal of this guide is to offer students and parents a brief description of all required and elective course offerings available at Siuslaw High School during the 2021-2022 school year.

Remember that in classes where enrollment must be limited, preference will be given to upperclassmen and/or those students who forecasted for the course during the previous year's forecasting period. Be sure to forecast for all the classes you'd like to take. Be aware of all prerequisite courses required in order to forecast for specific classes. Also, be advised that some courses are restricted to certain grade levels.

Please contact a counselor with any questions

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2021-2022 Diploma Requirements

Diploma	Honors	Standard	Modified
English Language Arts	4.0 + qualifying LA course	4.0	3.0
Mathematics	3.0 + qualifying MA course	3.0	2.0
Science	3.0 + qualifying SC course	3.0	2.0
Social Studies	3.0 + qualifying SS course	3.0	2.0
Physical Education	1.0	1.0	1.0
Health	1.0	1.0	1.0
Fine & Technical Arts	2.5 + qualifying FA course	2.5	1.0
Career Development	0.5	0.5	X
Electives	6.0 + qualifying EL course	6.0	12.0
Totals	27.0 or more credits 4.0 + advanced classes in 4 of the 6 subject areas 3.5 + GPA	24.0	24.0
State Testing	Math, Reading, Writing	Math, Reading, Writing	N/A

ALL REQUIREMENTS MUST BE COMPLETED ON TIME IN ORDER TO PARTICIPATE IN GRADUATION CEREMONIES.

P-articipation R-espect I-ntegrity D-edication E-xcellence



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Course Selection Responsibilities

Student and Parent

The responsibility for course selections rests with students and their parents/guardians. It is the responsibility of the student to identify a goal to graduate, and select courses that will help them move in that direction.

Teacher

Teachers may have insights that can prove valuable in helping a student plan a realistic

and workable program. Teachers have a responsibility to share their insights.

Counselor

It is the responsibility of the counselor to help the students plan a program that satisfies the graduation requirements of the school district. Counselors should also recommend to the student a program, or course of action, that is consistent with the information known about the student. Counselors help students with academic

and personal challenges, and assist students with recommendations, improving test results, and building future student plans.

Administrator

Administrators have the responsibility and discretion to review, adjust and change classes as needed based on changing graduation requirements.



Registration

Students are asked to complete the “course request sheet” early in the spring for the following year. Based upon student requests, a master schedule is created. Every attempt is made to satisfy the requests of students. However, students may see that they have been scheduled into alternate courses. This may happen if certain courses are scheduled at the same time, creating conflicts. **If there is insufficient registration in a course, that course may not be offered.** Class selection is dependent upon grade level, recommendation and availability. Elective choices increase as the student advances through the grade levels.

Schedule Changes

Students are expected to complete any course, core or elective, in which they are enrolled. Schedule changes will only be made during the first week of each semester. Schedule changes will only be made for students who are missing a class, for students who are placed in the wrong level of class, or for those who need a course to graduate. Schedules will not be changed for teacher preference, because students did not receive a course they desired, or because they are in an elective course they do not like. Students must fill out the appropriate schedule change forms and submit them to Counseling Services. Submitting this form does not guarantee that the course will be changed. Students are required to attend their current courses until notified.

Dropping a Course With/Without Penalty

Dropping a Class BEFORE the Cut-Off Date

Students may drop and/or add classes prior to the cut-off date through their counselors. An add/drop form is needed with appropriate signatures. In these instances, the form must be completed in order to

change these specific courses. Counselors will give consideration to each request. A completed request form does not guarantee a schedule change. Factors such as class size, availability of classes and/or appropriate placement supersede the request. Students need to continue with their current schedule until they receive notification of a new one.

Dropping a Class AFTER the Cut-Off Date

Students who drop a class after **two weeks** will receive an **F** on their transcript. The grade of F will be placed on their transcript at the end of the semester and will be averaged into the student’s grade point average. The final semester grade will list the class and indicate the failing grade.

General Information

Extended Semester

Extended semester contracts are offered for extenuating circumstances and are at teacher’s discretion. Students who receive an extended semester contract may have up to four weeks to complete their work to earn necessary credit for the semester. If a student fails to complete the contract within the given time period, the grade will remain an “F” on the transcript. **Failing grades count against athletic/activity eligibility.**

Acellus/Edgenuity Online: Credit Recovery

Siuslaw High School offers some online courses. These courses are offered for credit recovery. If there are extenuating circumstances, these courses may be taken in place of an offered course (i.e. conflicting course offerings and a student needs a course to graduate). These courses count towards athletic/activity eligibility and a semester course must be completed in full to count towards eligibility.

Pass/No Pass

Some elective courses offer a student to receive a Pass/No Pass instead of a letter grade. Taking a pass/no pass is not recommended for 4-year college bound

students. Pass/No Pass classes do not affect GPA.

Transcripts

Requests for transcripts are made in the counseling office or online at: <https://goo.gl/forms/UzF0LV5aoaqA6faj2>. Students will be provided with official or unofficial transcripts free of charge. Please allow 48 hours for processing.

Early Graduation

Students who wish to graduate from Siuslaw High School in less than four years must request a waiver of the 12th year of compulsory education through the administration. To request this waiver, a letter written by the student and confirmed by the parent must be submitted before the beginning of the students’ junior year. Students wishing to graduate early must meet school district requirements of 24 credits and must be able to fit all remaining credits into their regular class schedule. Acellus/Edgenuity courses are not intended for early graduation.

Algebra I/Geometry for Middle School Students

Middle school students wishing to take high school math credit may choose to take a letter grade or a pass/no pass option. A pass/no pass must be declared within the first five days of the course. Once a student has a mark on their transcript, it cannot be altered or removed for any reason. Four year college bound students are advised to take a letter grade. There is a contract signed prior to taking high school courses detailing this that must be returned before enrolling.

Credit by Examination

Students who can demonstrate competence in a course without having enrolled in the course may earn credit by exam for that course. Students will receive Pass/Fail grades if they successfully complete the exam at 80% or higher. Credit for the course will be noted on the transcript, and the course will count toward graduation requirements, both in total credits and required course enrollment. Rules and procedures for credit by examination may



be found on the SHS website or in the student handbook.

Credit by Proficiency

A key feature of the diploma will be wider use of proficiency, ensuring demonstrated proficiency, ensuring demonstrated proficiency, and all students will have more opportunities to choose to earn credit based on state content standards. In addition, students will be expected to acquire a minimum set of essential skills that will be needed to succeed in the workforce. These skills will be infused throughout the curriculum and applied in a variety of settings, which can be found on the SHS website or in the student handbook.

Siuslaw West Alternative School

Siuslaw West, our district’s alternative school program is an online education program. In order to be considered for this program, students must apply, meet, and sustain the criteria for enrollment. SW students must keep a pace to be on track to graduate and if they do not, a placement change may be in effect to find a better fit for that individual student. If they do not meet this requirement they will return to the regular SHS schedule or look at another avenue for completion. Attendance at SW is also mandatory to remain in the program. If a student accumulates 5 missed days without a legitimate accepted reason for being absent (see Oregon law, attendance section) they and their guardian will be required to meet with an administrator. Information is available through the counseling staff. Other alternative placements are available when deemed in the best educational needs of the student toward graduation requirements.

On Campus Alternative School

On Campus Alternative School is a small cohort option offered at Siuslaw High School. In order to be considered for this program, students must apply, meet, and sustain the criteria for enrollment. On Campus Alternative School students must keep a pace to be on track to graduate. If students do not, a placement change may be

in effect. This section is accomplished through independent study for self-motivated students in the four core curricula areas. Attendance at SW is also mandatory to remain in the program. If a student accumulates 5 missed days without a legitimate accepted reason for being absent (see Oregon law, attendance section) they will be required to meet with a guardian with an administrator. Information is available through the counseling staff.

Grading, GPA & Class Credit

Letter Grades

- A = Mastery of Subject**
- B = Excellent Quality of Work**
- C = Base Level of Learning**
- D = Minimum Requisites Met**
- F = Does not meet minimum requirement**
- P = Passing**
- NP = No Pass**
- NG = No Grade**

Grade Point Average

GPA is determined by adding all grade points earned divided by the number of graded class credits per semester.

- A = 4 points** **D = 1 point**
- B = 3 points** **F = 0 points**
- C = 2 points** **P = N/A**

Class Credit

Class credit is earned by the student at the end of each semester for classes with satisfactory completion of course requirements. Class credit is entered as 0.5 credits per semester, for a total of 1.0 credit for a completed yearlong class.

Honor Roll

Students receiving a GPA of 3.5 or higher and enrolled in a minimum of five classes will be selected for Honor Roll. Honor Roll calculations will commence with the end of each semester.

Honors Diploma Requirements

To encourage our students to stretch their intellectual potential and to honor their

academic accomplishments, Siuslaw High School District offers the SHS Honors Diploma. The Honors Diploma recognizes the student(s) who pursue the challenges of an academically rigorous curriculum. An Honors Diploma is required for Valedictorian and Salutatorian status. To qualify for the SHS Honors Diploma, students must meet all requirements listed below;

1. Attain at least 3 additional credits beyond the required 24, for a total equal (or greater than) 27 credits.
 2. Earn a non-weighted GPA of 3.5 or higher.
 3. Complete one year-long “advanced” class in 4 of the 6 academic focus areas with a B or better in those classes.
- Qualifying classes are;

Language Arts:

AP Literature, College Writing

Math:

College Math (MA 95, MA 111, MA 112, MA 251, MA252)

Science:

AP Chemistry, Advanced Chemistry, Physics, Anatomy & Physiology

Social Studies:

College US History, College Western Civilization

Fine Arts:

Culinary III, Auto Service, AP Art, College Computer Fundamentals, Orientation to Computer Science (including new/updated college level computer classes), 3 yrs Band, 3yrs Choir

Electives:

2 yrs Elected Leadership, 2 yrs Yearbook, AVID Tutor, Office Aide

College Credit Now

The College Now courses are taught in SHS classrooms, and provide students with an opportunity to earn college credit during high school. The class curriculum and the instructors have been approved by community colleges and students may earn credit at no charge after completing the guidelines/standards that meet the college credit requirements. Look for courses with



a CCN listed for classes offering College Credit Now.

**Course Offerings
2020-2021**

**English Language Arts
4 years of English
required for graduation**

English I

**010011, 010012
2 semesters / 1 credit
9th**

Students practice writing, listening, and speaking skills and read various types of fiction and non-fiction. The following areas are covered in the coursework: 1) Composition 2) Grammar and Usage 3) Literature-non-fiction, short story, novel, poetry, drama, and oral communication.

Honors English I

**010015, 010016
2 semesters / 1 credit
9th**

Prerequisite: Department recommendation
Students will review various methods of written and oral communication while studying literature. Composition, vocabulary, and grammar review will be on-going and related to thematic literature units. This class will provide enrichment and pacing for the motivated or talented and gifted student.

English II

**010021, 010022
2 semesters / 1 credit
10th**

The student will practice various methods of written and oral communication while advancing in their study of literature. Emphasis will be placed on preparation for the State Assessments in reading and composition. In addition, 2nd semester will focus on public speaking skills.

Honors English II

**010025, 010026
2 semesters / 1 credit
10th**

Prerequisite: Successful completion of Honors English I or teacher recommendation

Students will study classical literature while preparing for the State Assessments in reading and composition. This class will provide enrichment and pacing for the motivated or talented and gifted students.

English III

**010031, 010032
2 semesters / 1 credit
11th**

Students will continue developing the writing skills presented in English I and II. Poetry, short story, novel, drama and mythology will be the units of study in literature. The focus will be primarily on American literature.

***Advanced Placement
Literature and Composition**

**010061, 010062
2 semesters / 1 credit
11-12th**

Prerequisite: Successful completion of Honors English I or II or teacher approval.
This course is open to any junior or senior who would like a very rigorous English class in order to prepare for college. Students will be required to take the Advanced Placement Exam in May. The fee is \$86 which the student must pay. AP Credit is accepted by more than 3,600 colleges & universities in the world. All of the colleges in the Oregon University System & all of the private colleges in Oregon accept the credits. The course is designed to engage students in the careful reading & critical analysis of imaginative literature. Students will read works from several genres & periods from the 16th century to the 21st century. The writing will focus on the critical analysis of literature & will include expository, analytical, & argumentative essays. **Summer reading & writing are required for this course.**

English I, II and III (or their equivalencies) are required courses. The following English elective courses qualify for the last compulsory English credit. You will only receive English credit 1 time for passing 1 of these courses, otherwise they will be recorded as elective credit.

English Language Arts Electives

English Forensics

**011523, 011524
2 semesters / 1 credit
9-12th**

Also known as Speech and Debate, this course is designed to improve students' speaking skills. Students will be required to develop and present speeches and arguments in class, and there will be non-mandatory opportunities to compete in tournaments on weekends. There are many forms of speaking that students may practice, including: debate forms, dramatic/humorous interpretation, poetry reading, original orations, etc.

Banned Books

**010651
1 semester/ 0.5 credit
11-12th**

Banned Books is a class driven by reading and writing about a range of controversial texts that have been challenged or banned at some point in time. We will pay particular attention to the social and cultural values forwarded and challenged by the course texts: In short, what exactly is being "kept" from children and/or adults when particular texts are challenged or banned within school districts? Readings will come from a variety of genres and cultures; writing will also be a key part of students' work.

Creative Writing

**011041
1 semester/ 0.5 credit
11-12th**



This course is designed to aid students in creative self-expression through writing. Students will read & discuss articles on the craft of writing. Students will study advanced writers, both classic & contemporary. Students will write daily, keep a journal, & participate in readings of personal work both in class & publicly. 1st quarter, students will read & evaluate the effectiveness of fiction of varying styles. They will write & workshop short stories. 2nd quarter, students will learn poetic vocabulary & read/interpret poems of varying styles. Students will write & workshop each other's poetry to complete a final portfolio.

Myths & Legends

010611

**1 semester/ 0.5 credit
11-12th**

Students will examine myths and fables from ancient Middle Eastern, Greco-Roman, Asian and Norse civilizations. They will explore the connection of these myths to European legends and modern fantasy fiction.

Tolkien's Middle Earth

010601

**1 semester/ 0.5 credit
11-12th**

Students will explore J.R.R. Tolkien's Middle Earth. This class will expand on the stories from the myth and legend course, showing how Tolkien adopted ideas from mythologies as a basis for the world and history he created. Students will study *The Silmarillion*, *The Hobbit*, and the *Lord of the Rings*, Tolkien's major works.

English Cinema Studies

051687, 051688

**1 or 2 semesters / 0.5 or 1 credit
9-12th**

This is a semester-long introduction into the art of Filmmaking in today's digital age. We will analyze symbolism, subtext and filmmaking in general and the art of telling a story through video. In addition, we will examine different types of filmmaking including documentary, animation and film history. Students will write, film and edit

their own video product by the end of the semester.

Intro to Theatre Arts

050513

**1 or 2 semesters / 0.5 or 1 credit
9-12th**

This course is an introduction to the ultimate collaborative art form that is theatre. Students will commence, on a fundamental level, the study of acting, stage movement, theater history, theater terminology, playwriting/script & character analysis, character development, costume & makeup, improvisation and pantomime. Visual art, music, and dance—which complete the collaborative framework of theatre, are studied in respect to their roles as 'characters' in any theatrical/film presentation, and students will apply skills and knowledge gained to making decisions about these co-media and their use in student projects. Students will perform in front of others as well as in class film projects, breaking down the art of storytelling via literary analysis, adaptation, live theatre, and fully-realized camera work. Introduction to technical theatre/film production, involving the principles of lighting, set design/construction, screenplay structure, storyboarding, camera angles, special effects/editing software, and basic protocol on stage and film sets, will be a central focus of this course. We will, at times—work on full play productions. **Students unable, or unwilling, to perform, memorize, or spend extensive time on projects outside of the classroom should not take this class.**

History of Musical Theater

050591

**1 semester/ 0.5 credit
10-12th**

The focus of Musical Theatre History is to examine and understand the different components that are vital to all musicals. The history of musical theatre from the recorded beginnings of music and drama in Italy (c.1600) through the American musical comedies of Rodgers & Hart (c.1940) to the musicals we have today. Genres explored will include opera,

operetta, burlesque, pantomime, vaudeville, tin pan alley, the minstrel show, revue, and musical comedy. Major figures discussed will include composers, lyricists (including librettists/book-writers), producers, directors, choreographers, performers, and conductors. The literature will be explored through the reading the scripts and the watching and examination of musicals on film.

Modern Shakespeare

010601

**1 semester/ 0.5 credit
10-12th**

The focus of Modern Shakespeare is to analyze and examine different Shakespeare plays and their modern takes that have been made, films to tv shows to musicals. In this class, not only will you read and watch Shakespeare plays, but you will be asked to choose a play that hasn't been made modern yet and create your own modern version of it. As well as, construct an essay on the differences and similarities of the plays and their modern versions we use in class.

*College Writing

115, 121, 122

011021, 011022, 011051

**3 semesters / 1.0 credit
12th**

**CN WR115, 122 ,123, 12 Coll. credits
Prerequisite: Completion of English III/AP Lit. and/or teacher approval**

WR 115: This course is designed to introduce students to the conventions of college writing. As Lane's course catalog puts it, WR 115 emphasizes the writing process of pre-drafting, composing, revising, and editing to help students express ideas clearly in logical and meaningful essays. WR 115 also helps students develop analytical skills so that they can become better critical thinkers, readers, and writers. Assignments and class discussions affirm the relevance of writing skill to students' academic, occupational, public, and/or personal lives. Because this course serves as an introduction to college writing, skills essential for success in WR 121 will be introduced in WR 115. The course also



fulfills some programs' writing requirements at Lane CC.

WR 121: This course introduces students to the conventions of academic writing in a variety of modalities and genres. It emphasizes defining and developing a significant topic and using principles of clear thinking to support an assertive or argumentative thesis. Students will learn to consider subject matter, audience, purpose, and point-of-view in the planning of their papers, demonstrating proficiency through how they organize, develop and word their compositions. Students will also analyze and evaluate other writers' compositions to sharpen their critical abilities as readers and writers. Finally, the course provides instruction in source analysis, documentation, metacognition, and beginning research methods. It may be offered through distance learning.

WR 122: While continuing the work of WR 121, WR 122 focuses on persuasion and argument supported by external research. This includes the processes of finding and evaluating sources, citing, documenting, and integrating source material into the student's own text, using argument as a means of inquiry as well as persuasion. Both subjects—argument and research—are presented in the context of critical reading and the writing of academic source materials.

College Prep English

010045, 010046
2 semesters / 1 credit
12th

This course is designed for seniors who are planning to go to college but do not want to take the College Writing course offered to seniors. The focus of the course is on: 1) Achieving post-secondary mastery of language and communication skills, specifically literacy and writing, through analyses of a variety of literature fiction and non-fiction texts; 2) Examining societal issues from philosophical perspectives utilizing a fundamental understanding of philosophy. Along with these essential skills, students will develop critical thinking and analysis skills to engage with

the complexities encountered within these texts. Communication will be emphasized through individual assignments and group work. Students will need to actively participate in group readings, group discussions, and individual writing assignments to learn from materials presented in class. Text selection is designed to promote learning about our world and the human condition.

Writing Composition/Support

019924
1 or 2 semesters / 0.5 or 1 credit
12th

Prerequisite: Unsuccessful passing of the state assessment writing and/or reading

This course focuses on writing proficiency development designed to assist students in acquiring the skills necessary to produce two passing work samples in writing in order to pass the state requirements for graduating.

Mathematics
3 credits of Math
required for graduation
(Algebra I and above)

Students wishing to attend a four year school institution need to complete Algebra II for general admission for select majors.

8th graders who complete math at Siuslaw High School have the option of a P/NP Grade or a Letter Grade on their transcript.

General Math

020021, 020022
2 semesters / 1 Elective credit
9-12th

Prerequisite: Teacher placement

This course prepares students to be able to take the next sequence of math coursework, Algebra 1 Part 1. This course does not meet state standards for graduating & is counted as an elective. This course is elective credit.

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Algebra I Part 1

020531, 020532
2 semesters / 1 credit
9-12th

The purpose of this class is to give the student a sound mathematics foundation

and to have the ability to state arithmetic problems in symbolic form and to recognize relationships between these symbols. Some of the topics covered include solving and graphing simple linear and quadratic equations, graphing linear equations, factoring polynomials, and solving word problems algebraically. Students will review and use basic math skill operations involving fractions, integers, and decimals.

Algebra I

020521, 020522
2 semesters / 1 credit
9-12th

This course focuses on the following common core topics: Modeling real word problems with math in a symbolic and or graphic way. A focus will be on equations and systems of equations of: linear, quadratic, exponential and absolute value. Additional focus will be on the rule of exponents and manipulating rational expressions. Work sample development and remedial topics are spiraled in throughout the course. Additional topics will be introduced as time allows. Algebra topics are of practical importance in life.

Geometry

020721, 022011
2 semesters / 1 credit
10-12th

Prerequisite: Successful completion of Algebra I

This course covers plane geometry, including concepts related to segments, rays, lines, angles and properties of angles formed by parallel and perpendicular lines. This course also explores transformations in the coordinate plane and the concepts of similarity and congruence. Right triangle geometry, including the Pythagorean Theorem, special right triangle relationships and basic trigonometry are also taught. Other topics taught are circles, including arc length and sector area, volume and basic constructions. Geometry contains concepts which are of practical importance in engineering, science, art, and many other topics. During the second semester of Geometry, basic theoretical and



experimental probability will be taught as well as an introduction to statistics, including basic statistical measures and data analysis.

***Algebra II**

020561, 020562

2 semesters / 1 credit

10-12th

CN MA 95 Inter. Alg., 5 credits

Prerequisite: Successful completion of geometry.

MTH 095 is a 5 credit course completed through a full year of our Algebra 2 course. Topics include equations, function notation, polynomials, coordinate graphing, rational equations, radical equations, exponents, quadratic functions, introduction to exponential and logarithmic functions, inequalities, and problem solving methods. This course provides a foundation for Geometry (Math 97), Introduction to Contemporary Mathematics (Math 105), College Algebra (Math 111), or Fundamentals of Elementary Mathematics 1 (Math 211) or Fundamentals of Elementary Mathematics 3 (Math 213).

Beyond Algebra I and Geometry

020551, 020552

2 semesters / 1 credit

12th only

Prerequisite: successful completion of Algebra I, Geometry & teacher recommendation.

This course will cover many Algebra II topics beginning with review topics and then moving into conic sections, quadratic equations and exponential equations. The other focus of the class will be the applications of mathematics in both personal and business settings: financial planning, income, banking, taxes, insurance, investing and purchasing a home (mortgage). Various math skills such as proportions, probability, data analysis, exponential functions, linear systems, and use of formulas will be applied.

***College Algebra**

021105

1 semester / 0.5 credit

10-12th

CN Math 111, 5 credits

Prerequisite: Successful completion of Algebra II and teacher approval.

This course will focus on many pre-calculus topics including functions (polynomial, rational, exponential, logarithmic), transformations, matrix algebra, inverse functions, complex numbers, and sequences and series. There will be a focus on notation, limits, and modeling data to interpret and make predictions.

***Trigonometry**

021036

1 semester / 0.5 credit

10-12th

CN Math 112, 5 credits

Prerequisite: Successful completion of College Algebra and teacher approval.

Trigonometry prepares students for eventual work in calculus and includes the following topics: trigonometric and circular functions; their inverses and graphs; degree and radian measures; relations among the parts of a triangle; trigonometric identities and equations; applying Law of Sines and Law of Cosines; work with polar notation and complex numbers; vector notations; conic sections; and parametric equations. An emphasis of this course will be applying skills learned to solving real world word problems.

***Differential Calculus**

021215

1 semester / 0.5 credit

11-12th

CN Math 251, 5 credits

Prerequisite: Successful completion of Trigonometry and teacher approval.

This course focuses on the development of the derivative from the perspective of rates of change, slopes of tangent lines, and numerical and graphical limits of difference quotients. The limit of the difference quotient is used as a basis for formulating analytical methods that include the power, product, and quotient rules. The chain rule and the technique of implicit differentiation are developed. Procedures for differentiating polynomial, exponential, logarithmic, and trigonometric functions are

formulated. Analytical, graphical, and numerical methods are used to support one another in developing the course material.

***Integral Calculus**

021216

1 semester / 0.5 credit

11-12th

CN Math 252, 5 credits

Prerequisite: Successful completion Differential Calculus and teacher approval.

This is a second-term calculus course covering definite and indefinite integrals. Specific topics covered include conceptual development of the definite integral, properties of the definite integral, the Fundamental Theorem of Calculus, constructing antiderivatives, techniques of indefinite integration, approximating definite integrals, and applications. Analytical, graphical, and numerical methods support one another in developing the course material.

Mathematics Proficiency

Development

029941, 029942

2 semesters / 0.5 Elective credit

12th

Prerequisite: Unsuccessful passing of the state assessment math test.

This course is specifically focused on reviewing math concepts and knowledge required to pass the state math assessment and or two essential math work samples from two different math strands. The teacher will use data from the groups past OAKS tests, Smarter Balanced Assessments and past teacher input to determine which topics will be covered and at what rate of pacing. The goal of this course is successful passing of the Smarter Balanced Assessment or two passing essential math work samples, thus meeting the graduation requirements now in place. This course is **elective credit**.

**Science
3 credits of Science
required for graduation**



Integrated Science

032011, 032012

2 semesters / 1 credit

9th

This course is the prerequisite for Biology. The course objectives are to understand basic science and develop laboratory skills, reasoning skills, and communication skills in the context of science. This is a lab-based, hands-on course that will focus on physical and chemical properties of matter, force, motion, energy, earth, space, and life science.

Biology

030511, 030512

2 semesters / 1 credit

9th-10th

Prerequisite: Successful completion of Integrated Science or teacher recommendation

Students will study living things and their relationship with the environment. This is a lab-based course where students learn to use methods employed by scientists: observation, experimentation, data collection, interpretation and analysis of data, and drawing conclusions. Students will learn how to study the world around them, apply problem-solving skills and make connections between biological concepts and their own lives using NGSS and STEAM concepts to enhance problem solving and career readiness skills.

Environmental Science

030031

1 semester / 0.5 credit

11-12th

The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and preventing them.

Basic Chemistry

031017

1 semester / 0.5 credit

11-12th

Prerequisite: Completion of Grade 9 Integrated Science and Grade 10 Biology. Successful completion of Algebra I.

A one semester course examining the composition of matter and the physical and chemical changes it undergoes. Students use science process skills to study the fundamental structure of atoms, the way atoms combine to form compounds, and the interactions between matter and energy. Each concept is introduced with short periods of direct instruction, followed by reinforcing laboratory work. Only basic mathematics skills, through Algebra I is required.

Field Sampling Techniques

1 Semester / 0.5 credit

11-12th

Prerequisite: Passing grade in Bio. or Chem.

This course is designed to give students the opportunity to explore different field sampling techniques including but not limited to: Bird Identification, Habitat assessment, and Stream Ecology. Students will gain experience entering data, data analysis; and how to present data to the public so they understand what they are looking at. This class is designed to go outside in all types of weather so dress accordingly. Do not wear shorts and a tee shirt if it is cold and raining outside.

Marine Biology

030051

1 semester / 0.5 credit

11-12th

This course challenges students to think about our relationship with the world's oceans. Students investigate the impact of climate change on local ecosystems, bring awareness to the local community about plastic pollution, and investigate ocean acidification. Students will use field trip outings to observe marine ecosystems while studying the marine organisms that make coastal beaches unique.

*Advanced Chemistry

031011, 031012

2 semesters / 1 credit

10-12th

CN CH104, 5 credits

Prerequisite: Completion of Grade 9 Integrated Science, Biology, and completion or concurrent enrollment in Algebra II.

Advanced Chemistry is a two semester course that explores the topics of atomic structure, properties of the elements, chemical bonding, types of chemical reactions, stoichiometry, the gas laws, and thermodynamics. The course is structured in a college preparatory format with a strong laboratory component.

*Advanced Placement Biology

2 semesters / 1 credit

11-12th

Prerequisite: Completion of Basic or Advanced Chemistry and completion of Algebra I

Advanced Placement (AP) Biology is a two semester college-level general biology course. This course is organized around eight topics. These include the chemistry of life, cell structure and function, cellular energetics, cell communication and the cell cycle, heredity, gene expression and regulation, natural selection, and ecology. 25% of instructional time will be spent in hands-on laboratory work. Students will learn how to design experiments and collect, analyse, and present data. Students who pass the AP Biology Exam in May with a score of 3 or better typically receive college credit at most colleges and universities in the US.

AP Chemistry

031061, 031062

2 semesters / 1 credit

11-12th

Prerequisite: Completion of Basic or Advanced Chemistry and completion or concurrent enrollment in Algebra II

Advanced Placement (AP) Chemistry is a two semester college-level general



chemistry course. This course will reinforce the chemical principles learned in Advanced Chemistry including atomic structure, the properties of the elements, chemical bonding, types of chemical reactions, stoichiometry, the gas laws and thermodynamics. This course will also explore the topics of thermochemistry, chemical kinetics and

chemical equilibria in considerable detail. Students will conduct

advanced labs, prepare lab reports, and complete an individual research project. Students who pass the AP Chemistry Exam in May with a score of

3 or better typically receive college credit at most colleges and universities in the US.

Astronomy

1 semester / 0.5 credit

10-12th

Prerequisite: Completion of Algebra

Astronomy is a one semester science elective. The course begins by exploring the evidence that led to the development of the Big Bang Theory for the origin of the universe. The second topic considers the birth, life, and death of stars including the role of stars in the creation of the chemical elements. The third topic studies the planets and moons of our solar system. The course concludes with the search for life in our solar system and beyond.

Biotechnology

1 semesters / 0.5 credit

11-12th

Prerequisite: Completion of Biology and Algebra I

Biotechnology is a one semester laboratory course focussed on the techniques behind the detection and characterization of the Coronavirus and the development of the vaccine to end the pandemic. The skills that students will acquire include the isolation of DNA, DNA analysis using polymerase chain reaction and gel

electrophoresis, the transformation of bacteria via the introduction of new genes, the production and purification of proteins, and detection of biological molecules with an enzyme linked immunoassay.

*Anatomy & Physiology (Health Occupations II)

030531,030532

2 semesters / 1 credit

11-12th

CN HO150, 152, 6 credits

Prerequisite: Successful completion of Medical Terminology or Office Procedures.

(Must have reliable transportation)

Successful completion of Medical Office Procedures/Medical Terminology is preferred. This year- long course articulates with the LCC classes offered as Health Occupations 150 and 152. Students taking this course will receive credit at LCC for these courses if they meet the college standards. During this class, students will evaluate human body systems incorporating both intense anatomy and physiology in addition to medical technology labs and dissections.

Anatomy & Physiology Intern (Must have reliable transportation)

2 semesters / 1 credit

141981, 141982

The Health Science Careers internship based course is integrated within the regular school day as an extension of applied Anatomy & Physiology. This course is for students interested in hands-on experience working in the healthcare industry with Internship location options and are allocated on a first come, first served basis. Strict requirements must be completed in order to obtain the opportunity to job shadow (especially at the hospital) and your own transportation is required. In addition to work hours, some classroom assignments, such as keeping a weekly journal about their experiences, are required. Students will be required to complete a portfolio assignment with

presentation to finalize their internship credit.

BASIC HEALTHCARE CAREER PATHWAYS CERTIFICATE

HO 100- MEDICAL TERMINOLOGY

HO 110- MEDICAL OFFICE

HO 150-HUMAN BODY SYSTEMS 1

HO 152- HUMAN BODY SYSTEMS 2

WR 115- INTRO TO ACADEMIC WRITING

MTH 052- MATH FOR PHYSICAL SCIENCE OR HIGHER

BT 120- BUSINESS, CIS 101- COMPUTER FUNDAMENTALS,

CS120- CONCEPTS OF COMPUTING/INFO PROCESSING

Once completed, students must apply through LCC for a certificate. Students are able to receive certificates and walk at LCC graduation.

Engineering Applications

210021

2 semesters/1 credit

10-12th

Prerequisite: Successful completion of Integrated Science or teacher approval

This course is for students interested in hands-on design and problem solving. The major focus of the introduction to engineering course is to introduce students to the invention process, research and analysis, teamwork, communication methods associated with solving real world problems. This course allows students the opportunity to develop skills and understanding of main concepts through activity, project and problem based team learning. The course culminates with students constructing underwater remotely operated vehicles (ROVs) and entering those ROVs into a regional competition.

Social Studies

3 credits of Social Studies required for graduation



World Studies

040511, 040512

2 semesters / 1 credit

10th

Students in World Studies will explore the world through a regional approach that includes units in the United States/Canada, Latin America, Europe, Russia, North Africa/Southwest Asia/Central Asia, Africa-South of the Sahara, South Asia, East Asia, Southeast Asia, & Australia/Oceania. Emphasis will be placed on physical & cultural geography, history, economic & political systems, & current issues.

*College Western Civilization

040631, 040632, 040633

2 semesters / 1.5 credits

Western Civ is a dual high school/college credit course

It is a freshman college course, enabling you to earn up to 12 transferable college credits for free. Dual credit means that by taking and passing this course, you will not be required to earn credits in the high school World Studies course. This course can also serve as an advanced elective social science class that qualifies for the honors diploma. Western Civilization covers history from ancient Egypt/Greece up to present day, including ancient Rome, the Middle Ages, the Renaissance, the French Revolution, Nazism, the Holocaust, and the Cold War.

U.S. History

041031, 041032

2 semesters / 1 credit

11th

Students in U.S. History will explore units on America's past and American culture including issues related to present day modern America. We will study those events that have shaped our culture, government, economy, & national identity.

*College U.S. History

041015, 041016, 041017

2 semesters / 1.5 credits

11-12th

CN HST201, 202, 203, 12 credits

College US History is a dual high school/college credit course

This course is a U.S. History social science course that provides dual high school & college credit through the Lane Community College program. Dual credit means that by taking and passing this course, you will not be required to earn credits in the high school US History course. The student may earn up to 12 college quarter hours of transferable college credit. The course is a sophomore college class & the work level reflects this. Course material covers American history from the nations beginning to present day.

U.S. Government

041511

1 semester / 0.5 credit

12th

The areas of governmental foundations and structure, constitutional government, civil rights and protections for citizens, the electoral process, the determining of public policy, state and local governments, and the role of America in the world community are all issues, which will be discussed in the course.

Economics

042011

1 semester / 0.5 credit

12th

This course focuses on two ideals that combine to make America unique: the economic system and the government system. It is designed to help students manage and understand the financial and social responsibilities for individuals and families living in our society. The course is also designed to discuss current economic issues.

Physical Education
1 credit required for graduation

9th Grade P.E.

080010

1 semester / 0.5 credit

9th-12th

This course is designed to provide instruction in physical education in a coeducational atmosphere. Boys and girls will have the opportunity to learn

cooperation and sportsmanship, in both the individual and team sport aspect. Daily exercises include: stretching, pushups, sit-ups, and various conditioning techniques. Instruction for skill development in games and activities are selected, such as: volleyball, basketball, softball, soccer, pickleball, badminton, speedball, crab ball, hockey, track, indoor softball, etc. All freshmen are required to take this course.

P.E. Elective

080050

1 or 2 semesters / 0.5 or 1 credit

10-12th

Prerequisite: Completion of PE 1

Lifetime Fitness includes a variety of activities, mostly individually based. Once a week will consist of a group exercise (Yoga) moving from beginners to intermediate. The other days of the week include sports/activities that can potentially be done over a lifetime. Circuit training & personal fitness will also be a focus. Students will be given the opportunity to plan & lead the class as a part of the coursework.

Strength Training

080091, 080092

1 or 2 semester/ 0.5 or 1 credit

10-12th

Prerequisite: Completion of PE1 (teacher approval for gr. 9)

This course will build upon basic techniques and concepts of strength training. We will also reinforce technique, safety and principles. More advanced technical lifts will be introduced and refined to help expand students' knowledge on weight training. And, we will continue the development of the student's training program to further advance their physical-self.

Walking to Life Fitness (This class does not require dressing down)

1 Semester/ 0.5 credit

10th-12th

Walking for Fitness is designed to stress the importance of cardiovascular, muscular, and mental fitness development for maintaining



a healthy lifestyle. The course will help students acquire the knowledge, skills, and attitudes necessary for physical fitness through participation in a carefully monitored walking program. It is highly suggested that students wear good shoes for walking (no sandals, flips, etc.)

Team Sports

1 Semester/ 0.5 credit

10th-12th

This course is designed to teach kids different team sports while enhancing personal and social behaviors. The course is also designed to elicit opportunities to advance individual skill levels in different team sports. They will also be guided through a program that will improve their personal fitness level. Suggestion of games but not limited to:

Volleyball, ultimate frisbee, lacrosse, basketball, dodgeball, Flag football, Tennis, Badminton, Soccer

Aerobics

1 Semester/ 0.5 credit

10th-12th

This course is designed to motivate and teach students about aerobic movement as a method of achieving personal health and fitness. Students will be given the opportunity to learn various forms of aerobic exercises such as walking, running, step and dance. The class will also demonstrate the significance and importance of personal safety while training and exercising. Physical activity is critical to the development and maintenance of good health. Our goal is to inspire you to have the knowledge, skills, and confidence to become lifetime participants and advocates of physical fitness.

Recreational Sports

1 Semester/ 0.5 credit

10th-12th

Through the participation in several sports, students will gain the knowledge necessary to become an educated participant and spectator. The involvement in specific sports will provide an atmosphere that is enjoyable to the participants, promotes cooperation among peers and develop an appreciation for the degree of fitness necessary to participate. The following sports are included in the course
Recreational Sports: Tennis, Badminton, Volleyball, Golf, Basketball, Ultimate Frisbee/Football, Soccer and other games.

Health
1 credit required for graduation

Health I

080511

1 semester / 0.5 credit

9th

Health is designed to inform students about wellness, fitness, nutrition, stress, tobacco, alcohol, illegal drugs, sexuality, and other topics that will enable them to make informed health related decisions. The class will allow students opportunities to motivate themselves and others to a longer and healthier life through lifestyle choices.

Health II

080518

1 semester/ 0.5 credit

11th

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The course may also include brief studies of environmental health, personal development, and/or community resources.

Fine & Technical Arts Electives
2.5 credits required for graduation

Culinary Arts

***Intro to Culinary Arts & Hospitality**
160561

1 semester / 0.5 credit

9-12th

CN HRTM105, 3 credits

This is a lab oriented class. Most weeks we will be cooking and sampling our creations, which means good attendance is essential. The primary goals are for the students to gain confidence in the kitchen setting, learn basic cooking principles & knowledge of the hospitality industry. While working on these goals we will focus on techniques of food preparation, equipment knowledge, vocabulary, food related careers, & the kitchen environment. Students will demonstrate skill with cooking appliances & utensils, knife performance, safety & sanitation practices, & working with others. \$15.00 class fee

***International & American Regional Cuisine (CA II)**

160563, 160564

2 semesters / 1 credit

10-12th

Prerequisite: Successful completion of Intro to Culinary Arts & Hospitality.

This is an intermediate course in food preparation. Areas of study will include American Regional Cuisine, International Cuisine, and intermediate baking. In this class we will learn about the history and travel of cuisine and what events took place to shape the diverse cuisine we have today. Good attendance is required and a \$15.00 class fee per semester.

***Advanced Culinary Arts & Hospitality (CA III)**

160565, 160566

4 semesters / 2 credit (dual period)

11-12th

CN HRTM 106/CA 163A , 3 credits

Prerequisite: Successful completion of International & American Regional Cuisine and teacher approval..

This class will take you one step further into the artisan fields of Culinary Arts. Class will focus on cake baking and assembly, sausage making and charcuterie,



whole animal butchery, sushi making, production baking and school catering. Successful completion of International & American Regional Cuisine with a “C” or higher is required to take this class and instructor approval. Good attendance is required and a \$15.00 class fee per semester.

Art

Creative Art I

051551

1 semester / 0.5 credits
9-12th

Prerequisite: Lab fee of \$10.00 per semester is required.

This course is a beginning course in two-dimensional design. Emphasis is on fundamental visual elements, concepts, and theories that are basic to drawing, painting, graphic design and other media.

Creative Art II

051552

1 semester / 0.5 credits
9-12th

CN ART115, 3 credits

Prerequisite: Successful completion of Creative Arts I. Lab fee of \$10.00 per semester is required.

This course is an intermediate course in two-dimensional design. Emphasis is on fundamental visual elements & principles, concepts, & theories that are basic to drawing, painting, graphic design & media.

Intro to Pottery

051591, 051592

1 semester / 0.5 credits
9-12th

Prerequisite: \$10 lab fee per semester is required.

Students will be introduced to the materials, methods, and techniques of pottery design and construction. Emphasis on basic hand building skills, simple glaze application and an understanding of fundamental pottery vocabulary and pottery processes.

Intermediate Pottery

051593

2 semesters / 1 credit
10-12th

CN ART250, 3 credits

Prerequisite: Successful completion of Intro to Pottery. Lab fee of \$10 per semester is required.

Students will have the opportunity to continue using the hand building methods introduced in Pottery I. Working on the potter's wheel will be introduced. Students will learn about pottery/ceramics as they relate to past and present cultures. Students will learn the vocabulary necessary to talk about ceramic pieces. Studio safety, alternative glazing and firing techniques will be covered. Students who have successfully completed Intermediate Pottery in the past will be given alternative assignments to further their knowledge and advance their skills.

Advanced Pottery

051599

2 semesters / 1 credit
11-12th

Prerequisite: Successful completion of Intermediate Pottery. Instructor Approval. Lab Fee of \$10.00/semester is required.

Adv. Pottery allows students with prior qualifying experience in Pottery to initiate individual projects with teacher approval. This class will also enable the student to explore further some specific interest, method, project, or technique. Upon completion of the class, the student should demonstrate an increased capability in the chosen method or technique.

*AP Art Studio-2D

051721 ,051722

2 semesters / 1 credit
12th

Prerequisite: Completion of Creative Art I & II & teacher approval.

The advanced placement program in studio art 2D is a performance based visual exam. Each student develops & submits a portfolio that serves as a direct demonstration of achievement. The term 2D design is used very broadly; a wide range of work can fit into this portfolio. The

unifying idea of the portfolio is that the student focuses on making decisions about how to use the principles & elements of art to create works of art that convey meaning. In some cases, the meaning of the work may involve messages on a literal level. However, meaning is just as likely to take the form of abstract or purely visual coherence. The work may be highly technological, or it may be created with the simplest means.

Band

Symphonic Band

051021, 051022

2 semesters / 1 credit
9-12th

Prerequisite: 1 or more years of playing experience, middle school band experience, or teacher approval

This class is performance based with an emphasis on excellence & quality through the study of sheet music. This band is only open to students sufficiently prepared to perform this standard of music. There will be a heavy emphasis on the development of technical skills and individual improvement leading to various honor group opportunities. This band will play all styles of music. It will present several concerts and participate in the OSAA District/League band festival, and OSAA solo/ensemble festival. Students will have the opportunity to perform at football and basketball games, The Rhododendron Festival Parade, and band invitational.

Jazz Band

051051

2 semesters / 1 credit
9-12th

Prerequisite: Teacher approval

Jazz Band explores techniques applicable to jazz & pop styles of ensemble playing, ranging from the early forms of blues & jazz

to Big Band classics & present day rock improvisation. Emphasis will be on individual improvement & instrumental exploration. Students will learn the fundamentals of improvisation & have opportunities to use it in performance. Jazz



Band performs at concerts & state festivals. Jazz Band performs at community functions & events. Instrumentation includes alto, tenor & baritone saxophones, trumpets, trombones, piano, guitar, bass, & drum set. Symphonic Band is required to participate unless a student plays a non-band instrument (e.g. piano, bass, & guitar)

committed to developing vocal music skills to the highest degree. Repertoire is broad, challenging, and demanding, as is the performing schedule and competitive expectation. Performance opportunities abound. Members are selected through a process of audition, and must maintain exemplary academic and behavioral standing to remain in the group.

This class is for the student who wants to learn and be a part of the CNC world. In this class students will learn the V Carve 2D CAD (Computer Aided Drawing) drawing system, the CAM (Computer Aided manufacturing) system, and finally the CNC (Computerized Numerical Control) system by using the latest, greatest CNC machine-Laser-4th axis rotator- and different types of materials.

Choir

Viking Blue Choir

051101, 051102
2 semesters / 1 credit
9-12th

Introductory full-year choir course open to all students who would like to learn to sing. Repertoire includes music from varied periods, genres, & styles. Course requires singing and performing at concerts & in the community. Curriculum includes basic music theory, sight singing, ear training, & development of vocal skills. Qualifies as a prerequisite for Viking Gold.

Viking Gold Choir

051105, 051106
2 semesters / 1 credit
9-12th

Prerequisite: Two semester of Blue Choir or audition & approval of teacher

This intermediate/advanced choir extends the development of singing skills through learning, rehearsing, and performing challenging music of all periods, genres, languages, & styles. The Viking Gold choir performs at concerts, and also represents Siuslaw High School at festivals and other community events. Previous choir experience and sight singing skills are a plus.

Siuslaw Soundwave Choir

051111, 051112
2 semesters / 1 credit
9-12th

Prerequisite: By audition only

Soundwave is a select group of singers brought together to represent the musical best of Siuslaw High School. Students must be passionate about singing/performing, have strong personal standards, be willing collaborators/team members, and be

Woodworking

Woods

170061
2 semesters / 1 credit
9-12th
CCN

This class will be set up for students with limited shop experience. First Semester will include OSHA 10 safety training program certification in basic tools, wood knowledge, and beginning building skills. Semester two is advanced woods where students will experience hands-on learning. Students will build items such as cabinets, furniture, and custom wood projects. This class will prepare students for the more challenging courses they will encounter in their junior and senior years. This course offers students the opportunity to earn dual credit through LCC.

*Construction

170031, 170032
1 semesters / 0.5 credits
10-12th
CCN

Prerequisite: Successful completion of Wood Shop or teacher approval

This sophomore – senior course will begin with OSHA certification, next we learn basic framing, material take off, tools, electrical, and plumbing. This class will prepare students for job opportunities with local contractors as they graduate high school. This course will give students the opportunity to earn dual credit through LCC.

CNC/CAD/CAM

1 Semester / 0.5 credit
10-12th
Prerequisite: Woods

CDL/Truck Driving

2 Semesters / 1 credit
11-12th

This is a brand new program, the first in Oregon. In this class will be driving 18 wheelers....virtually of course. We will use the latest/greatest simulation equipment on the market. Along with the simulated driving we will be studying the federal commercial driving curriculum. This class will prep students to take their CDL exam as they turn 18 years old, and allow them to go directly to work driving an 18 wheeler or delivery truck within the state of Oregon, and nationwide as they turn 21. This class will allow students to earn a top paying salary the minute they graduate.

Secondary Language

Spanish I

240521, 240522
2 semesters / 1 credit
9-12th

Prerequisite: Teacher approval or successful completion of recent English course.

Students will begin to build basic listening, speaking, reading, & writing skills in Spanish while developing a better understanding of the English language. Students will communicate about everyday topics including family, friends, school, food, & free-time activities in the present tense. Students will explore Latin cultural traditions.

Spanish II

240531, 240532
2 semesters / 1 credit
10-12th



Prerequisite: Teacher approval or successful completion of Spanish I with a C or better.

Students will continue to strengthen listening, speaking, reading, & writing skills in Spanish while developing a better understanding of the English language. Students will develop the ability to communicate in the past, future, & conditional tenses. Students will continue to explore Latin cultural traditions.

Mechanics & Metals

Introduction to Mechanics

201031

1 semester / 0.5 credits

9-12th

Intro to Mechanics exposes the student to the various systems of the modern automobile. The use of hand tools & personal safety in the lab & around the automobile is emphasized. The student will learn how an engine works as well as basic maintenance & safety skills needed to keep today's automobile running well. They will also learn how to buy a used car, be able to converse intelligently with a service technician or service writer & in general be comfortable around the automobile & automotive service industry.

Auto Mechanics II

201041, 201402

2 semesters / 1 credit

10-12th

Prerequisite: Completion of Intro to Mechanics

The Auto Mechanics course combines 50% of the student's time on theory of how mechanic's components work & 50% on mechanical components, which are disassembled, tested, adjusted, & then reassembled. Coursework includes exploration of engines, transmissions, differentials, brakes, automotive electrical, computer control systems, & fuel induction systems.

Auto Service

201061, 201062

4 semesters / 2 credits (2 periods)

11-12th

Prerequisite: Successful completion of Auto I, Auto II and have teacher approval. This is a two block course

The Auto Service course spends 70% of the time in the shop working on the mechanical components or automobiles in need of repair. The other 30 % of the student's time is spent on review of operation, adjustment, and problems in repairing mechanical components. A high level of integrity, dedication, and professionalism is required in this course, as students will be working on vehicles belonging to community members.

*Introduction to Metals

130551

1 semester / 0.5 credits

9-12th

This course introduces students to different manufacturing processes. Students will learn the basics of shop safety and how to work safely in a shop. Students will learn the basics of hand tool work, sheet metal work, drill press, lathe and mill operations, foundry work, and automated manufacturing. You will also learn three types of welding; arc, MIG, and oxy-fuel welding; sheet metal fabrication, plasma cutting, blacksmithing and foundry (casting metal). There will be required projects that students will make that they can take home. Students will pay for any extra project materials. College credit available in this class

*Intermediate Metals

130553, 130554

2 semesters / 1.0 credit

10-12th

Prerequisite: Completion of Intro to Metals

In Intermediate Metals, students will improve their skills in MIG and Arc welding, learn TIG welding, Oxy-fuel and plasma cutting, learn how to machine metals on the lathe and mill, and get introduced to CNC Machine operations and programming. Elements of this course can work toward manufacturing credits with Lane Community College.

Advanced Metals

2 Semester / 1 credit

10-12th

Prerequisites: Intermediate Metals and Introduction to Computer Sciences

Advanced Metals is a two semester course where you decide what Metals Disciplines you want to hone your craft and pursue certification. You will design and complete projects that utilize the multiple disciplines required in manufacturing goods needed around the globe. Opportunities are available to partner with students in classes such as Woods, Auto, Computer Sciences, and Business to experience successes that can be achieved through collaboration to produce products the market wants and needs.

Elective Courses

6 credits required for graduation

Social Sciences Electives

Psychology

042541, 042542

2 semesters / 1 credit

11-12th

Students in Psychology will gain the knowledge to answer the question why people do what they do. This course will explore the theories & practice which explain human behavior. Themes & topics will include psychologists' contributions, behaviorism, learning theory, human development, the brain, motivation, emotion, & abnormal psychology.

Sports/Performance Psychology

042551, 042552

1 semester / .5 credits

11-12th

Sports Psychology is an academic social science elective offered at Siuslaw High School. It is an introductory course designed to cover the basics in this subfield of psychology. This course has as its objective a knowledge and understanding of: psychological skills training to improve performance (including visualization, breathing, goal setting, building confidence, and maximizing your ability to achieve peak performance), sport and exercise environments, group processes (including



team dynamics, group cohesion, leadership, and communication), character development and good sporting behavior as it relates to sports psychology. It may be taken as either a semester or year-long course.

Positive Psychology

042553
1 semester/.5 credit
11-12th

Positive Psychology is a fairly new subfield in the arena of Psychology that has far reaching implications on brain development, human interactions, and habitual behavior. This class is designed as an introduction to the field of positive psychology. It will cover the basic science behind positivity, improving one's happiness/well-being, improving one's daily successes in life, and the benefits of mindfulness to heart, body and mind. The course is designed to utilize the various elements of positive psychology to help students achieve a more beneficial, positive, healthy, and successful frame of mind.

History on Film

041491, 041492
1 or 2 Semesters / 0.5 or 1 credit
11-12th

This class uses Hollywood based films and related television programs to discuss a variety of historically related topics. Both world history and U.S. historical events are analyzed in detail as they relate to the perception of the events Hollywood has created with the film and the actual historical events. This course may be taken as either a semester or year-long course. Example films viewed in the class include Tombstone, Gladiator, Band of Brothers, Glory, Kingdom of Heaven, The Patriot, & Braveheart.

Yearbook

111043, 111044
2 semesters / 1 credit
9-12th

Prerequisite: Teacher approval needed
 The yearbook staff is responsible for the creation of the SHS Yearbook each year. Yearbook staff will be required to attend extracurricular activities, document and

report on school athletics, clubs, classes, and any other school related activities. Work outside of class is mandatory. Required skills: ability to interview, solicit for advertisements, typing and computer skills, meet deadlines, and be responsible for expensive camera equipment. Selling ads for yearbook is required to pass the class. Students will be given the specific duties and responsibilities. They will also be expected to meet deadlines and produce work capable of being published as representative of Siuslaw High School.

Student Council/Leadership

Leadership

221011, 221012
2 semesters / 1 credit
9-12th

Prerequisite: Must be an elected Student Council officer or complete an application-teacher approval necessary.

This course offers students the opportunity to learn about student government, develop leadership skills, and apply their knowledge and skills through projects. The class will cover such topics as goal setting, project planning, problem-solving, decision-making, evaluation/reflection techniques, communication skills, group dynamics, and leadership styles. This course will be considered an honors level class and will also include outside service hours as a requirement.

Career Related Electives

Future Success

220030, 220034
2 semesters/ 1 credit
9th

Future Success is a course designed specifically for students transitioning from middle school to a high school environment. The course covers a wide variety of topics that work comprehensively to develop each student holistically and support them as they navigate their first year of high school. The class relies heavily on group discussions, daily work, and summative projects. The first semester focuses primarily on the social-emotional

skills and study skills that students need to be successful in high school and beyond. The second semester focuses on career development skills that they will need as they move into the workforce. During both semesters students will also be given designated study time each week where they can work independently and/or in small groups.

Medical Office Procedures HO I
Medical Terminology HO I

141531, 141541 /
1 or 2 semesters / 0.5 or 1 credit
10-12th
CN HO100

This introductory course is for sophomores, juniors, or seniors who are interested in exploring a career in the health occupations. Students taking this class will be provided with a broad range of subjects that will likely be encountered in the students' future field of study. In class, students will participate in career exploration, study ethical issues associated with health care, and will learn of cultural diversity, medical math, pharmacology, introductory medical terminology, workplace expectations, infection control, vital sign measurement, body measurement skills, principles of nutrition and diet, and global health care systems. Also, students will become certified in CPR and First Aid. Students will be empowered with information that will help them make informed decisions about their potential career paths. LCC College Now courses available for credit will include HO 100 Medical Terminology and HO 110 Medical Office Procedures.

See pg. 19 for Business and Computer POS

***Introduction to Business & Entrepreneurship**

120531
1 semester/ 0.5 credit
CN BA 101, 4 credits
9-12th

This class illustrates how to turn hobbies, skills, and interests into profit-making



ventures. Students will learn the characteristics of the successful entrepreneur and will look at how to set a business up through research, identifying business opportunities and start-up. In addition, students will explore all areas of business including management, accounting, product development, marketing, production and operations management, human resource management, and finance College Concepts of Computing

***Business Web Pages with WordPress**

111551

1 semester/ 0.5 credit

CN BT 150, 4 credits

9-12th

Prerequisite: Teacher approval or successful completion of Introduction to Business & Entrepreneurship

Introduction to business web concepts and website construction. This course will utilize research to help determine best business practices while learning how to use the newest web-based platforms for building a business website. Focus will be on WordPress, Wix, HTML5 and CSS3. The final project will be to develop a website for a local business or non-profit agency.

***College Computer Fundamentals**

100045

1 semester/ .5 credit

CN CIS 101, 4 credits

9th -12th

Note: CIS 101 is also a part of the POS for HOSA, Culinary Arts, Business, Manufacturing and Construction

This course is a hands-on introduction to the personal computer and application software. Students will learn basic computer terminology and the role of computers in society. Students will also perform common tasks with word processing, spreadsheets, presentations, Databases, and Internet software - including email. Specifically, students will learn: basic computer concepts and terminology, windows programs and file management, functions of Internet Explorer/Firefox,

Office Ribbon interface, introductory skills with Microsoft Office 2013, 2016, or 365 applications – MS Word, Excel, PowerPoint, and Access, send/receive email with attachments. How to work the Windows operating system.

Small Business Operations (Siuslaw Print Shop)

111591

1 semesters/ 0.5 credit

9-12th

Prerequisite: Teacher approval or successful completion of Introduction to Business & Entrepreneurship

This class illustrates how to turn hobbies, skills, and interests into profit-making ventures. Students will learn the characteristics of the successful entrepreneur and covers the nuts and bolts of getting a business up, running and successful. Students will help manage and operate a real operational printing business here at Siuslaw High School. We will not only learn how to print stickers, posters, signs, T-shirts, hats, mugs, 3D prints, ornaments, and etc.

***CS 120 - College Concepts of Computing**

10011

1 semester/ .5 credit

CS 120, 4 credits

9th -12th

Prerequisites: Successful completion of ECS

This course provides a wide range of topics in the computer information technology field, including the basics of computer hardware and software, operating systems, word processing, spreadsheets, database management, network and internet communications, security, and the impact of information technology on individuals and society.

Exploring Computer Science

100121, 100122

2 semesters/ 1 credit

9-12th

Exploring Computer Science (ECS) is designed to introduce students to the field of computer science more broadly through

an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. THIS IS NOT A CLASS ABOUT PROGRAMMING. The goal of Exploring Computer Science is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are RELEVANT TO THE LIVES OF TODAY'S STUDENTS. Students will also be introduced to topics such As interface design, WEBSITE DESIGN, GAME DEVELOPMENT, ROBOTICS, limits of computers, and societal and Ethical issues.

***Orientation to Computer Science**

100046

1 semester/ .5 credit

CN CS 160, 4 credits

11th -12th

Prerequisite: Teacher approval or successful completion of Algebra II and ECS

This course provides a broad overview of the major ideas, problems, and goals of computer science. Throughout the semester, we will be exploring the various layers that combine to make a modern computing system, from the way numbers are represented within a computer to how computers interact with each other via networks. We will be looking at the following layers of computing systems: Information Layer (how computers represent the information they work with); Hardware Layer (the physical components of computation); Programming Layer (how people instruct computers to compute); Operating Systems Layer (how a computer helps manage its own resources); Applications Layer (using existing programs to accomplish tasks); and Communications Layer (how computers converse with one another) In addition, we will also be discussing



current events and ethical issues in technology.

***CS 161 – College Computer Programming/Python**

101561

1 semester/ 0.5 credit

CN CS 161, 4 credits

11-12th

Prerequisite: Successful completion of CS160

This course is an introduction to software design, development and testing. It covers basic syntax and semantics of Python, data types, and algorithm and program design. Development tools and object-oriented programming are introduced.

***College Computer Game Design**

102051

1 semester/ .5 credit

CN CIS 125G, 4 credits

9-12th

CS125G is an introductory course in game development focusing on practical exercises in building games using development tools. The course focuses on two main themes: development and design.

1) In the development portion of the course, we will be focusing on the “nuts and bolts” of making games. Using the Game Maker development environment you will learn about basic programming concepts in order to make a series of games, culminating in a final project in which you produce a game of your own design.

2) In the design portion of the course, we will be looking at what makes a good game. Whereas the development portion of the course seeks to answer “How do we make a game?”, the design portion asks “What sort of game should we make?”. As part of this process you will study and analyze existing games as you prepare to create your own game design for your final project.

Topics covered will be: planning and designing games, interface design, level development, event handling, manipulating variables, control structures, debugging techniques, scripting, game genres, and user interface design.

***Mobile Application Development**

102061

1 semester/ .5 credit

CN CIS 125M, 4 credits

9-12th

The second half of this course gives students with no programming background experience with an introduction to mobile application development. Students will use a visual, drag and drop tool to build applications for Android and will be introduced to fundamental programming concepts and skills in the process. The intention of the course is to enable you to design, implement, test and debug simple mobile applications for the Android operating system. Concepts used in this course include event driven programming; event handling; debugging; variables & scope; operators & expressions; functions, parameters & return values; control structures; lists; and software emulation.



Typical Program of Study (POS) Computer Science Path for a Siuslaw Student

Grade	1st Semester	2nd Semester
9th	<u>Exploring Computer Science</u>	
10th	<u>CIS 125A - College Mobile Application Development</u>	<u>CIS 125G – College Computer Game Desi</u>
11th	<u>CS 120 - College Concepts of Computing</u>	<u>BT 150 – College Business Web Pages with WordPress (Optional)</u>
12th	<u>CS 160 – College Orientation to Computer Science</u>	<u>CS 161 – College Computer Programming/Python</u>

Typical Program of Study (POS) Business Path for a Siuslaw Student

Grade	1st Semester	2nd Semester
9th	<u>Introduction to Business (BA 101 after 2021-22 SY)</u>	<u>BA 101 – College Introduction to Business</u>
10th	<u>Introduction to Graphic Design (After 2021-22 SY)</u>	<u>CIS 101 - College Computer Fundamentals</u>
11th	<u>Internet Marketing (After 2021-22 SY)</u>	<u>BT 150 – College Business Web Pages with WordPress</u>
12th	<u>Small Business Operations (Siuslaw Print Shop)</u>	<u>GWE 180 – College General Work Experience</u>

Typical Program of Study (POS) Culinary Arts Path for a Siuslaw Student

Grade	1st Semester	2nd Semester
9th	<u>Intro. to Culinary Arts & Hospitality</u>	<u>Intro to Culinary Arts & Hospitality (if not already taken)</u>
10th	<u>International & American Regional Cuisine</u>	<u>International & American Regional Cuisine</u>
11th	<u>Advanced Culinary Arts & Hospitality</u>	<u>Advanced Culinary Arts & Hospitality</u>
12th	<u>Advanced Culinary Arts & Hospitality</u>	<u>Advanced Culinary Arts & Hospitality</u>



Office Aide

220511, 220512

**1 or 2 semesters / 0.5 or 1 credit
11-12th**

Prerequisite: Administrator Approval, No major discipline issues, 95% Attendance or higher, Minimum 3.0 GPA

This semester elective allows students to gain experience working in a busy office environment. Duties include answering phones and doors, interacting with the public, delivering student messages, operating office equipment and any other duties the office staff and Administration needs assistance with. Students must be organized, self-motivated, outgoing, and able to exude high levels of professionalism and confidentiality. Students also need to be able to work collaboratively with staff and other students. The Office Aide position is the only aide position that qualifies for the Honors Diploma.

Structured Work Experience Co-Op

221533, 221534

**2 semesters / 1 credit
11-12th**

CN Credit Available

Prerequisite: Counselor Approval

Structured work experiences will allow students of Junior or Senior standing to use work/volunteer hours collected outside of the school day, but during the school year, towards elective credit. A maximum of 3 total credits may be attained via structured work experience, with 0.5 credit awarded for every 72 hours submitted. Students submitting hours must be responsible for collecting time and turning in monthly/weekly reports. Pay stubs, signed time slips or electronic receipts are acceptable. Students must be enrolled in 4 or more classes for that semester and a release of information must be signed by the employer. Credit given will be graded on a pass/no pass scale

Academic Support Electives

Emerging Bilinguals

019921, 019922

**2 semesters / 1 credit
9-12th**

Prerequisite: Counselor or teacher approval

The goal of this class is to help students learn English and meet academic standards for grade promotion and graduation. Students receive instruction in small groups, individually, and on computer programs. Instruction will focus on Improving English proficiency in comprehension, speaking, reading, and writing. Students are taught using ODE English proficiency standards and with individual lesson plans. We use state approved curricula and research based methods to instruct and support students including: National Geographic learning-Great Writing, Edge, Reach, SIOP, GLAD, EL Achieve, Moby Max, Rosetta Stone, and Oregon Writing Project activities. We also provide licenses to online programs that students can use at home.

Study Skills

220038

**2 semesters / 1 credit
9-12th**

Prerequisite: Teacher placement only

Study Skills courses prepare students for success in high school. Course topics may vary according to the students involved, but typically include note-taking, and outlining. The course may also include exercises designed to generate organizational skills.

AVID 09

220071, 220072

**2 semesters / 1 credit
9th**

The AVID course is an elective class for students who are college-bound. The AVID curriculum focuses on writing, inquiry, collaboration, organization and reading (WICOR) through the AVID High School curriculum in both teacher and tutor-led activities. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. Note-taking, outlining, writing, speaking, reading, test-taking strategies and self-awareness are stressed. In addition, the course includes college motivational activities and intensive preparation for ACT, SAT I and SAT II.

AVID 10

220073, 220074

**2 semesters / 1 credit
10th**

The AVID course is an elective class for students who are college-bound. The AVID curriculum focuses on writing, inquiry, collaboration, organization and reading (WICOR) through the AVID High School curriculum in both teacher and tutor-led activities. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. Note-taking, outlining, writing, speaking, reading, test-taking strategies and self-awareness are stressed. In addition, the course includes college motivational activities and intensive preparation for ACT, SAT I and SAT II.

AVID 11

220075, 220076

**2 semesters / 1 credit
11th**

The AVID course is an elective class for students who are college-bound. The AVID curriculum focuses on writing, inquiry, collaboration, organization and reading (WICOR) through the AVID High School curriculum in both teacher and tutor-led activities. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. Note-taking, outlining, writing, speaking, reading, test-taking strategies and self-awareness are stressed. In addition, the course includes college motivational activities and intensive preparation for ACT, SAT I and SAT II.

AVID Tutors

220543, 220544

**1 or 2 semesters / 0.5 or 1 credit
11-12th**

Under the general supervision of the Principal and AVID Coordinator and the immediate supervision of the AVID elective teacher, AVID Tutors assist identified students in academic subjects in order to develop habits of mind and higher standards of academic achievement among students which will increase postsecondary educational options upon high school graduation. AVID Tutors are distinguished



from other Tutors and Instructional Aides/Assistants in that AVID Tutors are trained in the use of AVID strategies to enhance academic performance of targeted high school students and serve as role models and mentors.