

NESTUCCA
HIGH SCHOOL

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2024-2025

PLANNING YOUR HIGH SCHOOL PROGRAM

This catalog is designed to provide the important information students and parents need to plan schedules for the upcoming year. It includes course descriptions, graduation requirements and information intended to assist with life goals and career decisions.

There are electives students can choose to take. These electives may be used to explore interests as well as gain information in an area they are interested in pursuing. We encourage students to take a variety of courses which will keep their career options open.

Some courses have proven to be particularly useful:

1. Language Arts classes are always helpful. In every avenue you choose to pursue in your future, communication is key.
2. Math and data science courses are important to take in our technical age, and can open up many options in the employment world. Students are required to complete 3 years of math (Algebra 1 and higher) in order to graduate.
3. Science courses also offer many career options. Students are required to complete 3 years of science, including Physical Science, Biology and another year of their choice.
4. Foreign languages provide communication skills valuable in countless situations. Such skills prove to be assets in our competitive job market, and all state public colleges require completion of two years of a second language passed (with a C- or better) as part of their entrance requirements. Students who are already proficient in two languages can waive this requirement.

When selecting classes, seek the advice of parents, counselors and teachers before making final choices; they can help students interpret requirements and match various career and educational possibilities. If post-high school plans include college, pay particular attention to the entrance requirements of the schools in which you are most interested. Most Oregon colleges currently require a 2.75 - 3.25 minimum GPA for admission and entrance into branches of the military require a high school diploma. If a trade is something you are interested in, look at what we offer with the Pre-Apprenticeship program, where you can graduate from high school and go right into an apprenticeship of your choosing. We are always working on new CTE (career and technical education) so if you have a particular interest, ask for information on which classes will help you achieve your goals. Also, because college and military recruiters look at both grades and participation in a variety of extra-curricular activities, students who earn good grades and participate in various extra-curricular activities have more opportunities and options available to them when they complete high school.

Students--plan a *meaningful* and *realistic* high school program. Your strengths, interests and tentative post-high school plans should give you direction in this process. Attempt to neither underestimate yourself nor to select courses beyond your ability. The key is to maintain a balance between courses which are challenging and those in which success comes relatively easy. Most of all, don't hesitate to ask questions of those who can and want to help you.

Each person has a unique set of skills and abilities. Our wish is to assist all students as they grow and expand their knowledge.



Ken Richwine
Principal

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COLLEGE REQUIREMENTS

The Oregon State System of Higher Education has established course requirements for students who will attend state universities. The successful completion of the following high school courses will be required for admittance to a state university in Oregon.

ENGLISH

Four years of high school shall include the study of the English language, literature, speaking, listening and writing, with emphasis on frequent practice in writing expository prose during all four years.

SECOND LANGUAGE

High School and College Credit Options: two years of the same high-school level second language, or

1. C- or higher in the third year of high school-level second language, or
2. Two quarters or semesters of college-level second language with a grade average of C- or better.

MATHEMATICS

Three years of high school mathematics study shall include first-year algebra and two additional years of post-secondary preparatory mathematics selected from geometry, advanced topics in algebra, trigonometry, analytical geometry, finite mathematics, advanced applications, calculus, probability and statistics, data sciences, or courses that integrate topics from two or more of these areas. (One unit is highly recommended in the senior year. Algebra taken prior to ninth grade will be accepted.)

SCIENCE

Three years of high school science courses shall include a year each of physical science and biology and a third year of a science elective such as chemistry, animal science, and forensic science.

SOCIAL STUDIES

Three years of high school social science credits shall include one year of U.S. History, one year of World Geography, a semester of Civics and a semester of Government and Economics.

POST-SECONDARY

Current high school grade point entrance requirements for state universities are as follows:

Oregon State University, 3.00

University of Oregon, 3.00

Portland State University, 2.5

Western Oregon University, 3.00

Southern Oregon University, 2.50

Eastern Oregon University, 2.75

Oregon Institute of Technology, 2.5

Grade point expectations may be changed by the university or institute.

Tillamook Bay Community College has a *First Class Scholar* program in which a senior can apply for and receive two years of free tuition and books at Tillamook Bay Community College. The GPA requirement for this program is 2.50.

GRADING

The grading standards used at NHS are as follows:
Grade Percent

- A** 90% + Superior work & proficiency
- B** 80% + Above-average work & proficiency
- C** 70% + Average work & proficiency
- D** 60% + Below-average work & proficiency
- F** 59% - Unacceptable work & lack of proficiency
- P** 70% + Passing grade in pass/no pass courses (teachers have the discretion to assign a P instead of a letter grade in letter graded classes)
- NP** 69% - No-pass grade in pass/no pass courses
- INC** Incomplete is assigned when course work is not complete.
- NG** No Grade indicates that no credit has been given for the course.
- NY** Does not yet meet proficiency.

HIGH SCHOOL DIPLOMA

THE GOAL

Each student demonstrates the knowledge and skills necessary to transition successfully to their next steps: advanced learning, work and citizenship.

DIPLOMA REQUIREMENTS

CREDIT REQUIREMENTS

	Nestucca Diploma	Oregon Diploma	Modified Diploma
English/Language Arts	4	4	3
Mathematics	3 of Algebra 1 and above*	3	2
Science	3	3	2
Social Sciences	3	3	2
Fitness	1	1	1
Health	1	1	1
Fine and Applied Arts	4	3	1
Career Credit	1	0.5**	0.5
Human Services (Personal Finance)	0.5**	0.5**	
Electives	5.5**/6	5**/6	11.5
Total Credits	26	24	24

* Applied and integrated courses aligned to standards can meet credit requirements.

** New requirement for Class of 2027 and beyond: Career Credit of 0.5, Personal Finance and decreased elective credits.

Nestucca High School students have some great opportunities to earn college credits while attending high school. Two ways of earning college credits while still in high school are described below.

1. Dual Credit Classes

We offer a variety of courses that include the option of earning both high school and college credit at the same time. Our instructors have to meet the qualifications that the colleges require of its instructional staff and have to meet the college's academic standards of course design. Students simply enroll in the courses during the scheduling sessions each year, and the instructors will explain the requirements of earning the college credit and how to be sure they are enrolled in the community college for those credits. Students need to be at least 15 years old or above (unless they are granted special permission by the college) to enroll in the college credit option. See the high school student advocate for more information.

2. Expanded Options Classes

NVSD desires to offer a well-rounded program for its students. To that end, the district may be able to pay for a limited number of courses from alternative sources that are generally not available at the high school. The provisions of this policy are not intended to assist students recovering credits from courses they previously failed. This policy is subject to the following provisions:

- To qualify for payment for approved alternative courses, the student must meet qualifications to be a full-time student for the entire year. Payments for courses are made upon documentation of successful completion of the course with a passing grade of "C" or higher.
- Successful completion of a college course, worth three or more college credits, will be equivalent to .50 high school elective credit.
- Permission to enroll in any college or high school classes must be obtained from the principal and counselor prior to enrollment.
- When deciding whether or not to approve alternative course work, school officials may bring the following factors into consideration: grade level of student; quality of previous academic work; student goals and career planning; NHS course offerings; demonstrated ability of student to work independently; and quality of the course under consideration, and/or accreditation of the institution offering the course.

Nestucca Valley School District (NVSD) will pay all or part of the costs of college courses as follows:

- For full time students, NVSD will pay all the costs for up to eight credits per trimester.
- Any additional classes during the same school year will be at the student's expense.
- If a student withdraws or fails a class, the student will be responsible for the cost of the class as well as any registration fees.
- Generally, NVSD does not pay for classes taken during the summer.

NCCER PRE-APPRENTICESHIP IN CONSTRUCTION COURSE DESCRIPTIONS:

This program, aligned with the National Center for Construction Education and Research (NCCER) standards, will equip you with the essential skills and knowledge required to excel in the construction industry. From safety procedures and blueprint reading to hands-on training in various trades such as carpentry, electrical work, plumbing, and more, you'll receive industry-recognized training from experienced instructors. Whether you're aiming to become a skilled tradesperson or pursue further apprenticeship opportunities, this program will lay a solid foundation for your success.

APR 100 BUILD YOUR FUTURE IN CONSTRUCTION

(3 Credit Hours, 44 Related Training Hours)

Open to Grades 10-12

Through a comprehensive curriculum aligned with National Center for Construction Education and Research (NCCER) standards, students will explore foundational topics essential for success in the construction field. From safety protocols and construction math to blueprint reading and hands-on training in trade-specific skills, Build Your Future prepares individuals for entry-level positions and apprenticeships in carpentry, electrical work, plumbing, HVAC, and more.

Key highlights of the course include:

- **Safety First:** Learn industry-standard safety practices and regulations, including OSHA guidelines, OSHA 10 Certification to ensure a secure work environment for yourself and your colleagues.
- **Construction Fundamentals:** Gain proficiency in basic construction math, blueprint reading, and material identification, laying the groundwork for success in various trades.
- **Hands-On Training:** Develop practical skills through hands-on training in trade-specific tasks, such as framing, electrical wiring, pipefitting, and HVAC installation, under the guidance of experienced instructors.
- **Career Pathways:** Explore different career pathways within the construction industry and receive guidance on apprenticeship opportunities, certifications, and professional development resources.
- **Soft Skills Development:** Enhance essential soft skills, including communication, teamwork, problem-solving, and time management, to excel in the fast-paced and collaborative construction environment.

By completing NCCER Build Your Future, students will be well-prepared to pursue entry-level positions, apprenticeships, or further education and training in the construction field. Join us and build the foundation for a successful and fulfilling career in construction!

APR 140 CORE 1

(3 Credit Hours, 62 Related Training Hours)

Open to 11th and 12th grade

Embark on a journey into the heart of construction safety and fundamentals with our NCCER Core course. In this comprehensive program, you'll focus on mastering the critical elements that form the backbone of a successful career in construction.

Safety is paramount in any construction environment. Through this course, you'll dive deep into safety protocols and regulations, including OSHA standards. You'll learn to identify, assess, and mitigate potential hazards on construction sites, ensuring the well-being of yourself and your colleagues.

Additionally, you'll explore the fundamental skills and knowledge essential for success in construction trades. From construction math and blueprint reading to the proper use of hand and power tools, you'll gain hands-on experience and expert guidance from seasoned professionals.

By the end of NCCER Core: Construction Safety and Fundamentals, you'll possess a solid foundation in safety practices and the fundamental skills necessary to thrive in the dynamic world of construction.

APR 141 CORE 2

(3 Credit Hours, 62 Related Training Hours)

Open to 11th and 12th grade

PREREQUISITE: APR 140

Blueprint reading is a vital skill for any construction professional. Throughout this course, you'll learn to interpret architectural and engineering drawings, understand symbols, dimensions, and specifications, and translate them into actionable construction plans. You'll gain the confidence to navigate blueprints with ease, ensuring accuracy and efficiency on the job site.

Effective communication is key to success in any field. In this course, you'll hone your communication skills, learning how to interact confidently with clients, colleagues, and subcontractors. From verbal communication to written correspondence, you'll develop the ability to convey ideas clearly and professionally, fostering strong relationships and facilitating teamwork.

By the end of NCCER Core: Construction Blueprint Reading and Communication Skills, you'll possess the expertise needed to decipher blueprints with precision and communicate effectively in the fast-paced world of construction.

APR 130: APPLIED MATHEMATICS FOR TRADES

(4 Credit Hours, 40 Related Training Hours)

Open to 11th and 12th grade

PREREQUISITE: APR 141

Throughout this course, you'll explore practical applications of mathematics in real-world trade scenarios. From measurements and conversions to calculations involving area, volume, and angles, you'll learn how to apply mathematical concepts to solve common problems encountered in the trades.

Key topics covered include:

- **Measurement Systems:** Gain proficiency in different measurement systems used in the trades, including standard and metric units, and learn techniques for converting between them accurately.
- **Basic Arithmetic:** Review fundamental arithmetic operations such as addition, subtraction, multiplication, and division, and apply these skills to solve everyday trade-related calculations.
- **Geometry and Trigonometry:** Explore geometric principles such as area, perimeter, volume, and angles, and delve into trigonometric functions to solve problems involving triangles and other geometric shapes.
- **Algebraic Concepts:** Master basic algebraic concepts including equations, inequalities, and proportions, and learn how to use algebra to solve practical problems encountered in the trades.
- **Practical Applications:** Apply mathematical concepts to real-world trade scenarios, including calculating material quantities, estimating project costs, and determining layout and spacing requirements.
- **Problem-Solving Strategies:** Develop critical thinking and problem-solving skills as you tackle trade-related mathematical problems, learning how to approach challenges systematically and efficiently.

Throughout the Applied Mathematics for the Trades course, you'll engage in hands-on activities, interactive exercises, and real-world case studies that reinforce your understanding of mathematical concepts and their relevance to the trades.

APR 142 CARPENTRY 1

(3 Credit Hours-62 Related Training Hours)

Open to 12th grade

PREREQUISITE: APR 141

Dive into the world of carpentry with NCCER Carpentry 1, your gateway to mastering essential skills in one of the oldest and most respected trades. This dynamic course provides a comprehensive introduction to the foundational principles and practices of carpentry, aligned with the National Center for Construction Education and Research (NCCER) standards.

Through hands-on training and expert instruction, you'll learn the fundamental techniques of carpentry, including safety protocols, tool usage, material selection, and basic construction methods. From framing structures to installing finishes, you'll gain practical experience in a variety of carpentry tasks, preparing you for success in the field.

Whether you're pursuing a career as a professional carpenter or seeking to enhance your DIY skills, NCCER Carpentry 1 equips you with the knowledge and expertise needed to excel in the dynamic world of construction. Join us and take the first step towards a rewarding career in carpentry today!

APR 143 CARPENTRY 2 SECTION 1 & SECTION 2

(3 Credit Hours each, 62 Related Training Hours each)

Open to 12th grade

PREREQUISITE: APR 142

This advanced course is tailored to provide an in-depth exploration of complex carpentry techniques and practices, preparing you for a successful career as a skilled tradesperson in the construction industry.

Section 1: Advanced Carpentry Techniques

In the first section of the course, you'll embark on an in-depth exploration of advanced carpentry techniques that expand upon the fundamentals learned in Carpentry 1. Topics covered include:

- **Advanced Framing Methods:** Learn advanced framing techniques such as balloon framing, platform framing, and engineered wood framing systems, and explore their applications in residential and commercial construction projects.
- **Complex Roofing Systems:** Delve into the design and installation of complex roofing systems, including hip roofs, gable roofs, dormers, and intricate roof trusses, and gain hands-on experience in roof framing and sheathing.
- **Advanced Finish Carpentry:** Master the art of finish carpentry with a focus on intricate trim work, crown molding installation, stair construction, and custom woodworking techniques, elevating the aesthetic appeal and functionality of interior spaces.

Section 2: Specialized Carpentry Applications

In the second section of the course, you'll specialize in advanced carpentry applications tailored to specific areas of the construction industry. Key topics include:

- **Commercial Carpentry:** Explore the unique challenges and requirements of commercial construction projects, including large-scale framing, concrete formwork, and the installation of commercial-grade doors, windows, and hardware.
- **Green Building Practices:** Gain insight into sustainable construction practices and green building techniques, including energy-efficient framing methods, environmentally friendly materials selection, and LEED certification requirements.
- **Advanced Blueprint Reading:** Enhance your proficiency in blueprint reading and interpretation, focusing on complex architectural and structural drawings commonly encountered in advanced carpentry projects, and refine your ability to translate blueprints into precise construction plans.

(#12156) BREWED AWAKENINGS

(Elective Credit)

Open to Grades 9-12

Students will demonstrate knowledge of small business start-up. Students will learn the process of capital structure, investment, profit and loss, and the costs of doing business. Students will monitor ongoing inventory, track cash, balance revenue, complete documentation, and learn about labor. In addition, students will have an opportunity to work in the functioning cafe and/or food truck to develop work history that can earn related credit as well as a skill for their resume.

(#12167) BIKE SHOP

(Elective Credit)

Open to Grades 9-12

Students will demonstrate initial bike repair skills. Students will work on fleet bicycles or other private bicycles to develop initial skills. Initial skills will be outlined as general maintenance and cleaning, tire fixes and rotations, brake adjustments, cable replacements, wheel hub and drive-train repair and maintenance. Their skills will be identified for accuracy and timeliness.

They will be evaluated weekly or by each bicycle they complete. Students will also learn how physics ties into concepts, friction forces - fluid, rolling, sliding, and static, rotational motion, inertia and momentum, Force = mass x acceleration as well as other concepts. Students will also be completing invoices for the local businesses whose bikes we repair.

(#12009) BUSINESS COMMUNICATION

(Elective Credit)

Open to Grades 10-12

Dive into the exciting field of Public Relations and Marketing in this hands-on CTE course designed for high school students. Starting with a comprehensive introduction to PR, communications, and marketing careers, students will transition to real-world applications by either promoting their own personal business ventures (babysitting, house cleaning, landscaping, etc.) or partnering with a local business to help with their marketing and communications efforts. Throughout the semester, participants will apply PR and marketing strategies across various media platforms, learning to craft compelling messages and analyze their impact. This course empowers students with practical skills in presenting, media relations, promotional tactics, and entrepreneurial marketing, preparing them for success in the digital age.

(#19151) CADET TEACHING

(Elective Credit)

Open to Grades 10-12, 9th grade with teacher permission

Teacher's Aide (may include PE, music and/or library) Students will help tutor small groups or 1-on-1 tutoring set up by the teacher. They will also model social skills and friendship development, assist students with work completion, help with technology and equipment set-up and provide encouragement to students who need additional support in the classroom.

Reading Tutor or Study Buddy Mentor Students will use the library/online resources to select appropriate books for sharing and read-aloud. They will model and practice reading techniques and questions while reading with students, as well as encourage a positive attitude towards reading, enjoying books, and taking care of books. Students will help teach how to set and achieve reading goals, and play games to help students become strong readers.

Social Skills Mentor Students will help teach, model and practice turn-taking, games, and rules during PE, lunch, or recess. They will use positive and encouraging language to help students in their learning, as well as assist with simple problem-solving skills in getting along with others and playing safely at recess. Students will also help with elementary student council group and with elementary community service.

(#22152) EMPLOYABILITY SKILLS

(Elective Credit)

PREREQUISITE: IEP

Open to Grades 11-12

Students on an IEP may also earn credit through work experience (Youth Transition Program). Students spend time in the classroom learning pre-employment skills: preparing a resume, filling out job applications, developing interviewing skills, and completing interest surveys are just a few of the things that are covered. Students can then be placed within the community where they will learn job skills such as regular attendance, proper dress and grooming, and how to follow directions.

(#2215191) FRESHMAN DISCOVERY

REQUIRED (0.25 Career Credit)

Open to Grade 9

Freshmen will be able to discover the variety of career fields available to them after high school graduation and will begin making plans and setting goals for the future. The class relies heavily on the SchoolLinks database where students can have access to skills assessments, career interest inventories, videos, and more.

(#12051) INTRO TO BUSINESS

(Elective Credit)

Open to Grades 10-12

The business course covers many topics ranging from economics and management to business ethics and investment strategies. Coursework will include lectures from the textbook, discussions, quizzes, and hands-on activities where students will create their own business materials.

(#22104) NESTUCCA INC.

(Elective Credit)

Open to Grades 9-12

Students in the class engage in activities that may include recycling, student store, clerical, maintenance, and care/upkeep of school grounds. Those in the class will learn appropriate job skills in order to assist in future employment opportunities, as well as service learning.

(#2215311) JUNIOR CAREER EXPLORATION (JCE)

REQUIRED (0.25 Career Credit)

Open to Grade 11

Juniors will have the opportunity to interview and/or job shadow with someone who is currently employed in a career field in which the students have an interest and pull together the research and resumes they have been building in the previous Career Education courses. The year will culminate in a student project that is presented to their advisory class where the students demonstrate their learning about the career field, steps they have taken toward achieving this goal, and future steps they plan to take.

(#22051) OFFICE AIDE

(Elective Credit)

Open to Grades 11-12

In these classes you learn such skills as making copies, running the postage machine, handling fees, taking inventory, filing and other clerical duties. Pick up an application from the office if you are interested in becoming office aide, as it requires permission to be in this class.

(#2215212) SENIOR OPTIONS & RESOLUTIONS (SOAR) /PERSONAL FINANCE

REQUIRED (0.25 Career Credit)

Open to Grade 12

In the Senior Options and Resolutions (SOAR) course, seniors will be expected to work toward a post-high school plan. Each student will have an individualized plan of action and will be assisted with accomplishing that plan, whether the plan is to enter the wonderful world of work, to apply for an apprenticeship, to join the military, or to head off for more training or education at a community college or university. Students will also work on personal finance. The Personal Finance portion of the course will provide students with an understanding of the concepts and principles involved in managing one's own finances. This involves lifespan goal-setting, individual and family decision-making, consumer rights and other topics associated with becoming a financially responsible consumer.

(#2215101) SOPHOMORE SURVEY

REQUIRED (0.25 Career Credit)

Open to Grade 10

Sophomores will continue the work they began their freshman year by updating their resumes with activities, sports, leadership, and work experiences they have had, and will also continue to refine their future goals and plans to accomplish those goals. Much attention will be devoted to understanding what kinds of training and education might be necessary for these career goals and how what they take in high school helps them in the future. Students will continue to use the different career interest survey tools and will propose what career they would like to more fully investigate as part of their Junior Career Exploration project the following year.

(#10995) TEACHER'S AIDE

(Elective Credit)

Open to Grades 10-12

Students assist teachers at the high school with making copies, organizing files, taking attendance, taking items to the office, etc. If a teacher does not have anything for the student to do, the student must stay in the classroom with the teacher and catch up on their own class work, or go to a cooperating teacher's room to help that teacher. This is not a time to sit in the commons or wander the halls.

(#22998) WORK EXPERIENCE

(Elective Credit)

Open to Grades 11-12

Work experience is part of the student's daily course schedule. In-building courses are taken in balance with work experience. Students must provide their own transportation. In order to participate, students must be in good academic standing and maintain passing grades in ALL their classes. If a student fails to maintain passing grades, he or she will not be able to continue in WEX the following semester. Students are required to maintain a timesheet and write a biweekly summary. Credit is awarded by semester and is dependent on their activities, attendance and paperwork.

(#01156) APPLIED ENGLISH AND COMMUNICATIONS

(Elective Credit)

Open to Grade 12

Applied English and Communications courses teach students communication skills--reading, writing, listening, speaking--concentrating on "real world" applications. These courses usually emphasize the practical application of communication as a business tool--using technical reports and manuals, business letters, resumes, and applications as examples--rather than emphasize language arts skills as applied to scholarly and literary materials. This fulfills one term of the fourth year Language Arts requirement.

(#01101) COMPOSITION

(Elective Credit)

Open to Grades 9-12

In Composition class students will work on improving writing skills through a variety of methods, including exploring descriptive, narrative, and imaginative writing modes. Basic essay structure will be emphasized and students will gain the necessary skills needed to meet the Oregon Essential Skills assessment which is required of all high school graduates. This fulfills one term of the fourth year Language Arts requirement.

(#01151) COMMUNICATIONS

(Elective Credit)—semester class

Open to Grades 10-12

Communications provides instruction and practice in applying the principles of invention, organization, language, and delivery with a focus on the development of skill and confidence in formal communication. This fulfills one term of the fourth year Language Arts requirement.

(#01001) ENGLISH 9**REQUIRED** (Language Arts Credit)*Open to Grade 9*

This course is a general survey of the Language Arts, including writing, literature, high school survival skills, grammar, and vocabulary. Students will be introduced to and work with a variety of fundamental reading and writing styles, and literary techniques, while developing personal skills in each area. These skills will be built on throughout the student's high school experience.

(#01002) ENGLISH 10**REQUIRED** (Language Arts Credit)*Open to Grade 10*

English 10 continues to build on the student's Language Arts skills in reading, writing, and speaking. The course will focus on writing development with an introduction to World Literature and literary analysis. Students will develop the ability to read critically, analyze a text, and share their understanding through a variety of forms. Throughout the course students will also be challenged to reflect upon their place in the world and how we shape, and are shaped by, society.

(#01003) ENGLISH II**REQUIRED** (Language Arts Credit)*Open to Grade 11*

Throughout the school year, we will be improving our reading, writing, listening and editing skills with the help of various types of texts: our textbook, novels, and non-fiction works will be used.

Students will learn about major movements in American Literature and how they both reflect and influence the times they represent.

We will use the textbook *Collections 11*, along with novels and supplemental materials to build the above skills through the scope of American Literature. Some of the major works we will likely read all of or a portion of are: *The Great Gatsby*, *The Catcher in the Rye*, *The House on Mango Street* and *The Crucible*.

(#01008) ENGLISH LANGUAGE DEVELOPMENT

(Elective Credit)

Open to Grades 9-12

The design of this course is to help close the gap between what an English as a Second Language Learner's ability is and what they need to know to succeed academically. The course will expose students to the English language via syntax, grammar, vocabulary, pronunciation, and social norms and usage. It will provide explicit instruction in advanced uses of English to support students in expressing complex thinking in core-curriculum course work. The focus is to support students in making gains towards a proficiency score on the annual English Language Proficiency Assessment (ELPA21) and for application on statewide examinations at the end of their junior year.

(#01104) INTRO TO CREATIVE WRITING

(Elective Credit)

Open to Grades 10 to 12: if taken in grade 12, will be an LA credit

In Creative Writing, we will focus on creating finished works of creative writing in multiple genres and styles. We will produce these final products with the help of techniques such as drafting, storyboarding, and revision. We will also read works from established artists along with the work of our classmates.

(#11101) JOURNALISM

(Elective Credit)

Open to Grades 10 to 12: if taken in grade 12, will be an LA credit

Students will produce the school newspaper. Beginning students will be to the concepts of newsworthiness and press responsibility; develop their skills in writing and editing stories, headlines, and captions; and teach them the basics of production design, layout, and printing of a publication. Advanced students learn and practice more refined journalistic techniques, participate to a greater extent in the formation and/or management of the production team, and gain experience in critical evaluation of story content and the publication as a whole. Photography and photojournalism skills may be included.

(#01065) LITERATURE APPRECIATION

(Elective Credit)

Open to Grades 10 to 12

Dependent upon student interest. On a quarterly or semester-long basis, this class will focus on a particular genre, type of literature, or literary era. Some examples could be the following: Fantasy, African Literature, American Romantic era, poetry reading and writing, comedic literature and performance, etc. Fulfills half of fourth year English requirement. This fulfills one term of the fourth year Language Arts requirement.

(#01069) MYTHOLOGY

(Elective Credit)

Open to Grades 10 to 12

In this course, we will explore the ancient world through the stories and religions they used to describe their world. We will build a foundation off the Ancient Greek/Roman mythology before moving on to different regions, continents, and time periods. Examples of other mythologies explored in this class will include, but not be limited to, the following: Norse mythology, Arthurian legends, Egyptian religion, Mesoamerican beliefs, as well as others. Fulfills one term of fourth year English requirement.

(#10249) 3D MODELING

(Fine/Applied Arts Credit or Elective Credit)

Open to Grades 9-12

This course is designed as an introduction to 3D modeling software. Students will use a computer and 3D modeling software such as Google Sketchup or AutoCAD to create various 3-Dimensional models that they can then print using a 3D printer.

(#184011) AG MECHANICS & METALS

(Fine/Applied Arts or Elective Credit)

Open to Grades 9-12

This is a course designed to familiarize the student with basic mechanical theory and skills. Students will develop skills in the areas of carpentry, electricity, metal working, and welding processes. Emphasis will be placed on safety and proper use of tools and equipment. All students may have a project and will be FFA members. This class may be repeated with teacher permission.

Trimester 1: Emphasis on Arch Welding**Trimester 2: Emphasis on Oxygen Acetylene Welding/Cutting****Trimester 3: Emphasis on Small Projects & Intro to MIG Welding****(#184012) ADVANCED AG MECHANICS & METALS**

(Fine/Applied Arts or Elective Credit)

*PREREQUISITE: Ag Mechanics & Metals and Drafting/CAD**Open to Grades 10-12*

This hands-on class emphasizes the building of projects in the metal shop using engineering practices taught in class. All students will get the opportunity to design projects using a computer-aided drafting program. Units of hydraulics and electricity will also be taught. All students will be members of FFA. This class may be repeated with teacher permission.

Trimester 1: Shop Projects**Trimester 2: Shop Projects****Trimester 3: Shop Projects****(#05170) ART INDEPENDENT STUDY**

(Fine and Applied Arts or Elective Credit)

*Open to Grades 10-12 or with teacher permission***Visual Art Foundation is a prerequisite to this course*

Students are offered the opportunity to focus on his or her own interests. Students choose to create custom projects by their own design, and will have control over the medium, idea, and timeline of which the artwork is created. Students who demonstrate having advanced skills and/or taken at least one Visual Art class with the art instructor can be placed into this section. Students should take this course if they are looking to hone a skill or spend more time learning a specific medium. Areas of focus in this section include painting murals, wheel throwing, anatomical drawing study & sculpture, ceramics, and multi-media work.

There is a one-time \$20 materials fee for each student enrolled in art throughout the year.

(#21107) AUTOCAD & INVENTOR

(Fine/Applied Arts or Elective Credit)

Open to Grades 10-12

Drafting introduces students to the skills required in the Computer Aided Drafting (CAD) industry. Students will study mechanical & architectural drafting and be presented with design problems that vary from the simple to complex. This course utilizes popular software programs and state-of-the-art hardware used in industry. Knowledge obtained in drafting is applied to computer drawing applications. As the course progresses, emphasis is placed upon designing, constructing and problem solving.

Trimester 1: AutoCAD**Trimester 2: 3D Modeling w/ Inventor**

Trimester 3: Project Design students will design, build and assemble shop projects using CAD software that the Advanced Ag Mechanics class will utilize to fabricate/construct in the shop. Students will also learn to use the EXCEL computer spreadsheets to cost-out projects that they design.

(#05101) BAND

(Fine and Applied Arts or Elective Credit)

Open to Grades 9-12

Band students will advance in performing on musical instruments as well as learn how to use instruments more proficiently. They will perform a variety of music styles, including jazz, pop, rock, classical, and Broadway. Performance opportunities for these various styles will be in the fall concert, holiday special performances, Pep Band, festivals, the musical, Music Ala Carte, and the Spring Concert. Ensemble and solo performance opportunities are available for advanced players.

(#05110) CHOIR

(Fine and Applied Arts or Elective Credit)

Open to Grades 9-12

Choir students will learn how to use their voices for singing in a group. They will learn techniques for optimum vocal performance. Music-reading skills will be taught for beginning and intermediate singers. Many kinds of music will be performed, focusing on the strengths of the group. Performance opportunities for various styles will be in the fall concert, holiday special performance trips, and the Music Ala Carte show. The spring musical is emphasized as a large part of the Nestucca Choir experience. Students may have larger character parts, cast parts, or be involved backstage, depending upon students' skills and desire. Solo performance opportunities are available for advanced singers.

(#10004) COMPUTER LITERACY

REQUIRED (9th grade, Elective for 10th thru 12th grade)

(Fine/Applied Arts Credit)

Computer Literacy is a basic computer class for high school users. Students will develop skills in general word processing with MS Word, desktop publishing techniques with MS Publisher, spreadsheet and data base development with MS Excel, and Power Point presentations. Students will also be using e-mail and basic Internet search techniques. Students have the option to take a challenge test. If the test is passed, students will not receive the credit, but will not be required to take the class.

(#05055) DRAMA

(Fine/Applied Arts Credit)

Open to Grades 9-12

Have you ever been curious about theatre? Do you want to have fun playing theatre and improv games? Would you find it fun to be involved in or supporting the fall play? Join us as we dip our toes into the theatrical pool. This class is an introduction to all aspects of theatre. It is a class not only for those who want to be in the spotlight, but also for those who want to run the spotlight.

- We learn there is a place for everyone in theatre
- We practice getting comfortable in front of a crowd
- We learn to become and develop a character
- We are introduced to all things behind the scenes

(#21049) ENGINEERING PRINCIPLES

(Fine and Applied Arts, Science or Elective Credit)

PREREQUISITE: Algebra 1 and Physical Science

Open to Grades 10-12

This course is designed to give the student an overview of the different disciplines of engineering. After completion of the course, the student will know and understand the differences between Chemical Engineering, Civil Engineering, Construction Engineering, Electrical Engineering, Industrial Engineering and Mechanical Engineering. Emphasis will be placed on tensile, compression, shear and deflection forces on structural members. As an example, the students will build bridges from balsa wood after designing them on the computer. The top designers will compete at Oregon State University.

Trimester 1: *Emphasis on Dimensional Analysis, Cost Engineering in Excel, Free Fall, Projectile Motion, Vectors and Work* Class will compete in at Oregon State University in Annual Pumpkin Chunking Contest using class designed Trebuchet

Trimester 2: *Emphasis will be placed on Tensile, Compression, Shear & Deflection Forces on Structural Members.* Students will compete at annual Oregon State University Bridge Building Competition with bridges they designed on the computer and built-in class from balsa wood. Top bridges can earn chase to compete at International Completion.

Trimester 3: *Emphasis will be on Statics and Project Design which includes Puzzle Cube, Fidget Spinner, Trailer and Rocket Design.*

(#10152) INTRO TO COMPUTER SCIENCE

(Fine/Applied Arts Credit or Elective Credit)

Open to Grades 9-12

This course is designed to be a “gentle introduction” to the fundamentals of Computer Science. We will explore computer hardware as well as software. We begin with digital citizenship and online security. Students will build their own websites using HTML 5 and CSS. Then, before we begin writing code, we learn about algorithms and how to solve problems with them.

Students will design, write and debug computer programs. No knowledge of programming is assumed. You will be learning how to program using a system called Scratch. Scratch makes it possible to create computer programs using blocks like building with Lego. After learning basic programming fundamentals with Scratch, we will also work with C, C++, Java, JavaScript, and Python as time allows.

(#24052) INTRO TO SPANISH

(Fine and Applied Arts or Elective Credit)

Open to Grades 9-12

For beginning speakers of Spanish, Spanish 1 is designed to teach students the fundamentals of the Spanish language and assist students with being more successful in the college-credit Spanish courses. Emphasis will be placed on oral Spanish and rapid vocabulary building. Students will learn everyday expressions and words for the common items which surround them; they will become familiar with basic verb and grammatical structures; and they will be introduced to the Spanish-speaking world through geography, music, and cultural descriptions. By the end of the course, students will be able to form a number of useful, short sentences and express their likes and dislikes, among other topics.

(#05147) MUSIC INDEPENDENT STUDY/MUSIC THEORY/GUITAR INDEPENDENT STUDY

(Fine and Applied Arts or Elective Credit)

Open to Grades 10-12 or with teacher permission

Students are offered the opportunity to further their music knowledge in their area of interest. Student choose the area of focus, and begin a custom curriculum of learning of their and the instructor's design. Students who demonstrate sincere interest and/or aptitude can be placed in this section. Areas of focus in this section include acoustic guitar, electric guitar, bass guitar, keyboard, band instruments, violin, music theory, and music history or a specific historical music period of study. There is an instrument rental fee of \$75 for use of a school-owned instrument if needed for the curriculum. No fee for those who own their own instrument.

(#21009) ROBOTICS

(Fine/Applied Arts Credit or Elective Credit)

Open to Grades 9-12

Learn about robots while working as a team to build our very own to compete in the FIRST Robotics competition! The challenge changes every year (2019/2020's challenge was stacking block-towers) and there are 4 tournaments held at Tillamook High School. Help design and build your own robot using metal, wheels, gears, computers, and programming. No prerequisites.

(#240531 & 245032) SPANISH 2

(Fine and Applied Arts or Elective Credit)

Open to Grades 10-12

Spanish 2 is designed to expand upon the fundamentals of the Spanish language. Emphasis will be placed on oral Spanish and continued rapid vocabulary building. Students will learn common expressions and words for the common items which surround them; they will expand their understanding of verb structures, including an introduction to the past tenses; and they will learn more about the Spanish-speaking world through geography, music, and cultural descriptions. By the end of the course, students will be able to carry on a basic conversation with other people, begin describing past events, and be better able to read and understand speakers in the second language.

(#05056) STAGECRAFT

(Fine and Applied Arts or Elective Credit)

Open to Grades 9-12

Do you like hands-on learning? Stagecraft is a course that gives students the opportunity to learn how to design, plan and operate equipment for a theatrical production. Stagecraft is the technical aspect of theatrical, film, and video production. It includes constructing and rigging scenery, hanging and focusing of lighting, design and obtaining costumes, makeup, gathering of props, stage management, and recording and mixing of sound. Stagecraft class will support the drama productions at Nestucca through crafting sets, lighting design, sound production and other technical aspects needed for fall plays and spring musicals.

(#10205) VIDEO GAME DESIGN I

(Fine/Applied Arts Credit or Elective Credit)

Open to Grades 9-12

Video game design is a class for students who have some level of experience with programming, but is primarily taught using Scratch and therefore can be completed by students who have little to no programming experience provided that they have the commitment to try their best.

This course will begin by covering the history of video game development, industry terminology, and Game Theory. Next, we will discuss game documentation, developing characters and story in video games, and level/environment design. Then we will look at game structure, game mechanics, and common design theories. After that we will research game development careers, intellectual property, and ethics in video games. Lastly, students will create their own game as a capstone project. Any remaining time in the school year will be used to continue video game design practice using C#.

Video Game Design 2 picks up where Video Game Design 1 left off by focusing more on the programming of video games. Student assignments will take the form of incomplete video game code files that they will have to complete in order to play the finished game. Lessons will be done in the C# programming language using the Integrated Development Environment (IDE) Visual Studio 2022.

(#05154) VISUAL ART FOUNDATION

(Fine and Applied Arts or Elective Credit)

Open to Grades 9-12

Trimester 1: *2-D Visual Art Foundations* is an exploration of basic 2-dimensional art using various techniques and mediums. This class is for students who are eager to participate, love a challenge, and want to improve their art skills. This class expects students to put effort into their projects every day. This course may cover drawing, acrylic & watercolor painting, photography, printmaking, and digital art. In addition to learning about the elements and principles of art and design, we will work to start small and steadily improve observational skills, and have fun! No previous art experience necessary. Students may repeat this class.

There is a one-time \$25 materials fee for each student enrolled in art throughout the year.

Trimester 2: *Visual Art Foundations* is an exploration of basic 2 and 3-dimensional art using various techniques and mediums. This class is for students who are eager to participate, love a challenge, and want to improve their art skills. This class expects students to put effort into their projects every day. The first half of this course may cover drawing, acrylic & watercolor painting, photography, printmaking, and digital art. The second half of this course will be ceramics focused. In addition to learning about the elements and principles of art and design, we will work to start small and steadily improve observational skills, and have fun! No previous art experience necessary. Students may repeat this class.

There is a one-time \$25 materials fee for each student enrolled in art throughout the year.

Trimester 3: *Ceramics* is an exploration of basic ceramics art using various techniques and mediums. This class is for students who are eager to participate, love a challenge, and want to improve their art skills. This class expects students to put effort into their projects every day. This course may cover drawing, acrylic & watercolor painting, photography, printmaking, and digital art. In addition to learning about the elements and principles of art and design, we will work to start small and steadily improve observational skills, and have fun! No previous art experience necessary. Students may repeat this class.

There is a one-time \$20 materials fee for each student enrolled in art throughout the year.

(#11104) YEARBOOK

(Elective Credit)

Open to Grades 10-12 or with teacher permission

Students in this class are part of a team that spends the year designing, photographing, and producing the yearbook. Using Adobe Photoshop, students will learn how to design pages, manipulate photographs, write articles, and interview classmates to create custom pages that make the yearbook truly theirs. Though this class focuses strongly on design, students have time to work with the teacher and their peers to develop a page they are happy with. Additionally, this course offers students the opportunity to document school sports and activities using a digital SLR camera. This class is great for students who work well independently and don't require constant direction. Students who enroll should know appropriate hallway and classroom behavior, as they will be asked to interview/talk to their peers and NHS staff, sometimes needing to enter active classrooms.

HEALTH AND SAFETY EDUCATION

(#08099) HEALTH I

Semester Course

REQUIRED (*Wellness Credit*)

Health education is intended to help students make informed decisions and choose positive behaviors beneficial to a low-risk, high quality healthy life-style. The class will cover mental and emotional health, relationships, nutrition, personal care, and conflict resolution. Students will be challenged to live out what they are learning in class everyday by making positive lifestyle changes.

(#08057) HEALTH 2

Semester Course

REQUIRED (*Wellness Credit*)

Wellness means an overall state of well-being or total health. The class will cover basic human anatomy and physiology of the body systems. Reproductive health, the life cycle, and growth development will also be covered. The course will conclude with drug, alcohol, and disease prevention. It comes from a way of living each day that includes making decisions and choosing behaviors that are based on sound health knowledge and healthful attitudes. This understanding will prepare a solid foundation for the American Heart Association CPR/First-Aid course that concludes the semester. Once passing the written and practical exams, students may purchase a certification Heartsaver card for \$5.00. The certification is good for two years.

PHYSICAL EDUCATION

(#08005) ATHLETIC TRAINING

(Fitness or Elective Credit)

Open to students who are currently out for a sport in grades 9-12

This class uses the *Bigger, Faster, Stronger* training program. Students in the class achieve physical superiority on the playing field by focusing on the following areas of sports training and competition: rest and nutrition, flexibility training, year-round training, plyometric training, record keeping, strength training, sprint training, skill training, agility training, mental training and endurance training.

(#08001) FITNESS

(Fitness or Elective Credit)

Open to Grades 9-12

This fitness/conditioning activities program is designed to develop total fitness: increase muscular strength, improve cardiovascular efficiency, flexibility, and agility through a variety of activities. Weight lifting will be incorporated up to four days a week to increase muscular strength and endurance. Students will be encouraged to develop self-discipline in areas outside the classroom, such as practicing good nutrition, getting enough rest, and exercising on a regular basis. The instructor will assist in guiding, supervising, and evaluating each student's progression, emphasizing and encouraging a long-term commitment to fitness. Students will be tested in nine fitness tests each trimester. In addition, students will explore career opportunities in health/fitness management.

(#18004) AGRICULTURAL BIOLOGY

(Science or Elective Credit)

Open to Grades 10-12

This course emphasizes the concepts and inter-relationships among organisms through the lens of agriculture. These concepts include cellular biology, respiration, genetics, evolution, DNA, biotechnology, ecology and natural resources. This course meets Biology academic content standards and fulfills a science credit to meet graduation requirements.

(#18203) AGRICULTURE LEADERSHIP

(Elective Credit and Dual Credit)

PREREQUISITE: Agricultural Science

Open to Grades 10-12

A foundational course for leadership development. In this course you will become familiar with foundational leadership ideas including relevant leadership theories, styles, approaches, traits, ethics, conflict management, and change. For each topic we will build upon theories to help you apply the concepts to your everyday life and leadership. Examines content related to leadership traits, styles, and effective leadership tactics. An introductory course designed to create awareness and develop the employability skills necessary for participants to be productive contributors in their school, home, community and profession.

(#18002) AGRICULTURAL SCIENCE

(Science or Elective Credit)

Open to Grades 9-12

This course is designed to expose students to different facets and sciences related to the agriculture industry. Students will gain knowledge and apply scientific principles in animal science, plant science, food science, natural resource, and forestry.

(#18347) AGRICULTURAL SCIENCE INDEPENDENT STUDY COURSES

(Science or Elective Credit)

Open to Grades 11-12

This course is an independent study option for students wishing to take an in depth look at some aspect of physical or biological sciences. The content, expectations, requirements, and assignments associated with this course will vary between students depending on the student's individual area of study and will be agreed upon by the student and instructor. In most cases, this course will be centered around a science research project or preparations for other science related competitions. Due to the independent nature of this course, admission into the class will be at the discretion of the instructor.

(#18101) ANIMAL SCIENCE

(Science, Elective, DUAL CREDIT)

Open to Grades 11-12

This course introduces students to topics in applied animal science/biology. Students will develop an understanding of concepts and principles related to animal genetics, classification, anatomy and physiology, disease, nutrition, behavior, reproduction, and animal-based commercial products. Dual credit option available.

(#03101) CHEMISTRY

(Science or Elective Credit)

Open to Grades 11 -12

Chemistry A/B is an inquiry-based, phenomena-based course serving to ground the study of chemistry in the natural world and everyday life. In Chemistry A students investigate the history of alchemy as a lens for understanding matter, atomic theory, and molecular bonding, with a strong emphasis on using models. In Chemistry B, students investigate the nature of toxins with an emphasis on stoichiometry, solution chemistry, and acids and bases. Projects in engineering solutions for water purification and food preservation address and reinforce the units of study.

(#03003) ENVIRONMENTAL SCIENCE

(Science or Elective Credit)

Open to Grades 11-12

Students will develop an understanding of environmental topics that are primarily biological in nature. Concepts covered include ecosystems, biodiversity, earth processes, and organismal physiology, and population dynamics. The associated laboratories will illustrate these topics.

(#03214) FORENSIC SCIENCE

(Science or Elective Credit)

Open to Grades 11 -12

This course introduces students to the skills and concepts relevant to the science of criminal studies. Career explorations include crime scene investigator, forensic pathologist, medical scientist, and many others. Students will review topics in health, physics, chemistry, and biology, as well as environmental and computer sciences.

(#18052) HORTICULTURE

(Science, Elective, DUAL CREDIT)

Open to Grades 11-12

This course introduces students to topics in applied plant science/botany. Students will develop an understanding of concepts and principles related to plant classification, identification, growth, reproduction, propagation, nutrition, disease, pests, role in ecosystems, and horticulture technology. Dual credit option available.

(#03103) ORGANIC CHEMISTRY (SCIENCE OF SMELLS)

(Science, Elective, DUAL CREDIT)

Open to Grades 11-12

This course introduces students to topics in organic chemistry/biochemistry. Students will develop an understanding of concepts and principles related to molecular and structural formulas, bonding tendencies, functional groups, electron domains, receptor sites, electronegativity, and polarity. Dual credit option available.

(#03159) PHYSICAL SCIENCE

REQUIRED (Science or Elective Credit)

Open to Grades 9-10

Physical Science A/B is an inquiry-based, phenomena-based foundational science course that builds on the Next Generation Science Standards (NGSS) learned in Middle School (principally kinematics and atomic theory). In Physical Science A, students investigate energy through the lens of fire, thermodynamics, chemical change, calorimetry, fuel efficiency, molecular bond energy, redox reactions, and electromagnetic radiation. In Physical Science B, students investigate matter through the lens of weather, properties of matter, physical change, gas laws, moles, and the interplay of variables such as pressure, temperature, relative humidity, and density. Projects in sustainability are interwoven and focus on powering society, controlling ocean acidity, reducing waste, conserving resources, and managing soil chemistry.

(#02052) ALGEBRA I

REQUIRED (Math Credit)

Open to Grades 9-12

Students will focus on solving multi-step equations, inequalities and formulas; work towards mastery of rational number operations and using a calculator when appropriate. Students will also be introduced to linear equations and functions including slope formulas and graphing.

(#02058) ALGEBRA 1.5

(Math Credit)

PREREQUISITE: Algebra I

Open to Grades 9-12

For students who have completed Algebra 1 but would like more in-depth study into monomials, polynomials, solving equations, application of equations and formulas, using slope in transformations.

(#02056) ALGEBRA 2

(Math Credit)

PREREQUISITE: Algebra I & Geometry

Open to Grades 10-12

Topics in this course include Smarter Balanced Assessment review, absolute value, algebraic inequalities, quadratic equations, functions, exponents and logarithms, polynomials, series and sequences, trigonometry, and if time permits, matrices.

(#02153) APPLIED MATHEMATICS

(Math or Elective Credit)

Open to Grades 10-12

Provides exposure to practice math most commonly encountered in industrial settings. Concepts covered with include: fractions, decimals, units, conversions, measurements, using equations to calculate area and volume, basic algebra and trigonometry. Utilizes real-world scenarios that require application of gained math skills in order to find a solution.

(#02154) BUSINESS MATHEMATICS

(Math or Elective Credit)

Open to Grades 9-12

Students will apply general math computations, statistics, data and finance to a variety of business-related situations. Applications might include wages, start-up costs, dollars to cents, rates, payroll deductions, credit and debit spreadsheets, financial reports and interest on savings and money market accounts.

(#02157) CONSUMER MATH

(Math or Elective Credit)

Open to Grades 10-12

Prerequisite: Algebra & Geometry

In this course, students use math in real-world scenarios including wage calculation, discounts, taxes, percent calculations, budgeting, managing money, using credit cards and short-term loans and measurement.

(#02072) GEOMETRY

REQUIRED (Math Credit)

PREREQUISITE: Algebra I

Open to Grades 9-12

This course is an investigative/hands-on approach for the student to learn basic terminology and concepts of geometry. Topics include: properties of shapes, polygons and circles, area, volume, constructions, congruence, Pythagorean Theorem, radicals, and proportions

(#02110) PRE-CALCULUS

(Math or Elective Credit)

PREREQUISITE: Algebra 2

Open to Grades 11-12

Students will study functions, statistics, probability, matrices, proofs and trigonometry, conic sections and sequences and series. Graphic calculators and/or computers will be used regularly to enforce and enhance the concepts presented.

MTH 95

Introduces algebraic concepts and processes with a focus on exponents, polynomials, rational expressions, radicals, and complex numbers. Real life application problems are solved using systems of equations. Graphs, formulas and proper mathematical language and notation are emphasized throughout the course. A scientific calculator is required. To register for this class, choose Pathways #999201. See Student Advocate for more information.

MTH 111

Explores relations and functions graphically, numerically, symbolically, and verbally. Examines polynomial, rational, inverse, exponential, and logarithmic functions. Investigates applications from a variety of perspectives. To register for MTH 111, you must choose Pathways #999201. See the Student Advocate for more information.

(#04058) ANCIENT CIVILIZATIONS

(Elective Credit)

Open to Grade 10-12

This course will focus on early human civilizations such as Mesopotamia, Egypt, Greece, and Rome. We will also study the development of Judeo-Christian and Islamic civilizations, the Byzantine Empire, and the early medieval period.

(#04064) CURRENT EVENTS

(Elective)

Open to Grade 10-12

Students will study the relationships between peoples of the world by becoming aware of current issues facing modern societies. They will study world events, leaders, geography, politics and other happenings through the use of taped television programs, movies, newspapers, magazines, lectures, guest speakers and field trips. Students will be required to be knowledgeable about current world, national and local events and problems and will be expected to participate in discussing current information issues. Topics will be focused on events from 1980 to present.

(#04151) GOVERNMENT & CIVICS

REQUIRED (Social Science Credit)

Open to Grade 12

In the **government** portion of this course, students will develop an understanding of the documents upon which the U.S. governing system rests. The Declaration of Independence, U.S. Constitution and Bill of Rights will be studied in order to determine both literal and implied meanings. This course will also include **civics** and will trace the evolution of American society as it pertains to governing principles at the national level. Students will become aware of the responsibilities of being a citizen in a democratic country. The U.S. Government will be compared/contrasted to the governments of other countries. An emphasis will be placed on current events and modern problems.

(#04152) GOVERNMENT/ECONOMICS

REQUIRED (Social Science Credit)

Open to Grade 12

This course continues the study of our federalist republic government at state, local and tribal levels. In the economics and financial literacy units of this course, students will study basic economic concepts and how they relate to the individual. National and global economics, flow models, concepts of scarcity, laws of supply and demand and systems of banking and investment and their impact on the individual will be explored. Possible Dual-Credit option with TBCC.

(#04101) U.S. HISTORY

REQUIRED (Social Science Credit)

Open to Grade 11

This course will focus on U.S. history in the 19th and 20th century. Students review the early years of nation building, then explore how our nation has come to our current position of world leadership. Emphasis will be placed on the expanding role of America in the two centuries, focusing on such events as the two World Wars, the Cold War, and others. Also, attention will be paid to the social history of the nation, including the struggle for minority rights, and to a study of individuals important in events of this time. Students complete a term paper, a book review and other projects in addition to traditional lectures, films, group activities, and other projects. Possible Dual-Credit option with TBCC.

(#04001) WORLD GEOGRAPHY

REQUIRED (Social Science Credit)

Open to Grade 10

In this class students become aware of the relationships that exist between people of different regions and cultures around the world using geographic concepts. To expand their knowledge of the world, student study includes but is not limited to political structures, history, economic systems, maps, cultural traits and societal development.

OTHER NESTUCCA HIGH SCHOOL EXPERIENCES

(#22004) CREDIT RECOVERY

Students who have need to make up credits in order to meet graduation requirements are encouraged to enroll in Credit Recovery by meeting with the Student Advocate. Nestucca currently uses on-line courses through Acellus.

(#99920) PATHWAYS

There are other colleges Nestucca High School has contracts with to provide you with the opportunity to take some college credits. Contact the Student Advocate if you would like to look into this possibility. Additional fees might apply.

(#22006) STUDY HALL

This is a non-credit course, but does allow students time to catch up on their homework, work on a project, study for a test, etc.