

**NEAH-KAH-NIE HIGH SCHOOL**  
**2020-2021**  
**TABLE OF CONTENTS**

|                                         |          |
|-----------------------------------------|----------|
| <b>Graduation Requirements</b>          | <b>2</b> |
| <b>Meeting Essential Skills</b>         | <b>3</b> |
| <b>Career Learning Credit</b>           | <b>4</b> |
| <b>Suggested Course Sequence</b>        | <b>5</b> |
| <b>College Entrance Requirements</b>    | <b>6</b> |
| <b>Dual Credit Opportunity</b>          | <b>7</b> |
| <b>Oregon Transfer Module/Misc Info</b> | <b>8</b> |

**Course Offerings**

|                                  |              |
|----------------------------------|--------------|
| <i>English</i>                   | <i>10-11</i> |
| <i>Math</i>                      | <i>12-13</i> |
| <i>Science</i>                   | <i>14-15</i> |
| <i>Social Science</i>            | <i>16-17</i> |
| <i>Foreign Language</i>          | <i>18</i>    |
| <i>Fine/Applied Arts</i>         | <i>20</i>    |
| <i>Health/Physical Education</i> | <i>21</i>    |
| <i>Computer</i>                  | <i>22</i>    |

**Career Technical Education**

|                               |           |
|-------------------------------|-----------|
| <i>Information Technology</i> | <i>23</i> |
| <i>Industrial Engineering</i> | <i>24</i> |
| <i>Health Sciences</i>        | <i>25</i> |
| <i>Human Resources</i>        | <i>26</i> |
| <i>Stem/Engineering</i>       | <i>27</i> |

|                             |              |
|-----------------------------|--------------|
| <i>Additional Electives</i> | <i>28-29</i> |
|-----------------------------|--------------|

## NEAH-KAH-NIE HIGH SCHOOL

### Information Regarding Graduation Requirements

Neah-Kah-Nie High School is committed to preparing students for the future. Today's world is ever changing and we have adjusted our requirements and courses in an effort to meet the demands that our students will be facing. In turn they graduate better prepared for college/post-secondary training, employment, and the responsibilities of adult life.

#### REQUIREMENTS FOR GRADUATION

| Subject Areas*                                              | Credit Requirements             |                               |                                                                    |
|-------------------------------------------------------------|---------------------------------|-------------------------------|--------------------------------------------------------------------|
|                                                             | NKN Diploma                     | Modified Diploma              | Extended Diploma                                                   |
| English Language Arts                                       | 4 credits                       | 3 credits                     | 2 credits                                                          |
| Mathematics (Alg 1 and higher)                              | 3 credits                       | 2 credits                     | 2 credits                                                          |
| Science                                                     | 3 credits                       | 2 credits                     | 2 credits                                                          |
| Social Sciences                                             | 3 credits                       | 2 credits                     | 3 credits                                                          |
| Physical Education                                          | 1 credit                        | 1 credit                      | 1 credit                                                           |
| Health                                                      | 1 credit                        | 1 credit                      | 1 credit                                                           |
| Second Language<br>The Arts<br>Career & Technical Education | 3 credits<br>In any combination | 1 credit                      | 1 credit                                                           |
| Computer                                                    | 1 credit                        | Exempt                        | No more than 6 credits may be earned in a self-contained classroom |
| Career Learning                                             | 1 credit                        | May be modified               |                                                                    |
| Electives                                                   | 7.5 credits                     | 12                            |                                                                    |
| Sr. Project<br>(Extended Application)                       | .5 credits                      | Optional                      | Exempt                                                             |
| Proficiency in Essential Skills                             | Required                        | Required<br>(May be modified) | Exempt                                                             |
| Total Credits                                               | 28                              | 24                            | 12                                                                 |

#### **ESSENTIAL SKILL REQUIREMENTS:**

- Enrolled in **Grade 9 in 2010-11 and beyond:** Read and comprehend a variety of text; Write clearly and accurately; and Apply mathematics in a variety of settings. Students are required to meet essential skill benchmarks in order to graduate. (details on next page)

#### **PERSONALIZED LEARNING REQUIREMENTS: (see page 20 for more information)**

- Education Plan and Profile** - Students develop a plan and profile to guide their learning and document progress toward their personal, career, and post-high school goals. Portfolio binder provided.
- Career-Related Learning Experiences (CRLE)**- Students are encouraged to participate in experiences that connect classroom learning with real life experiences in the workplace, community, and/or school which are relevant to their education plan.

## Options for Demonstrating Proficiency in the Essential Skills

Students must demonstrate proficiency in the Essential Skills of reading, writing and applying mathematics. There are several options available for students. The table below shows test options approved by the State Board of Education for reading and math that students are given opportunity to participate in at Neah-Kah-Nie.

|                        | Reading                     | Applying Math         | Writing                 |
|------------------------|-----------------------------|-----------------------|-------------------------|
| <b>Smarter Balance</b> | <b>2515</b>                 | <b>2628</b>           | <b>2583</b>             |
| <b>ACT</b>             | <b>18</b>                   | <b>19</b>             | <b>19 (ACT Writing)</b> |
| <b>WorkKeys</b>        | <b>79</b>                   | <b>79</b>             | n/a                     |
| <b>Accuplacer</b>      | <b>86</b>                   | n/a                   | n/a                     |
| <b>SAT</b>             | <b>440 /24</b>              | <b>450 /24.5</b>      | <b>27 (SAT Writing)</b> |
| <b>PSAT</b>            | <b>44</b>                   | <b>45</b>             |                         |
| <b>AP</b>              | <b>3 (variety of exams)</b> | <b>3 (math exams)</b> |                         |

### Work Samples

Work Samples are an alternative way that students may meet essential skill requirements if they are unable to meet state test benchmarks. Work samples are scored with the official state scoring guides and multiple opportunities are provided for students to acquire these.

#### - Reading

Students must produce 2 reading work samples, at least one of which must be informative. (Students could have 1 informative and 1 literary work sample or 2 informative work samples.)

#### - Writing

Students must complete 2 writing work samples, at least one of which must be expository or persuasive, the other may be in any of the approved modes (informative/argumentative, narrative, expository or persuasive).

#### - Applying Mathematics

Students must complete 2 mathematics problem solving tasks, one each for any two of the required content strands – Algebra, Geometry, or Statistics.

# CAREER LEARNING CREDIT

1 Credit required

The career learning credit will be acquired through work done in advisory (.1 per term) and completion of the senior project. Freshman, sophomores and juniors will be completing activities in CIS along with outside career learning activities such as field trips, job shadows, interviews, college visits, etc. Student led conferences are also a component of this requirement.

## PERSONALIZED LEARNING REQUIREMENTS

As required by the state of Oregon...

Each student is provided a portfolio which is used to document their educational goals and evidence of their achievements throughout high school. The portfolio is kept in the student's advisory room and will periodically be updated with current "best works" and personal documentation of achievement in the areas of: academics ; personal/social development; career learning; employment readiness; and post-secondary planning. This portfolio is used during Student-Led Conferences (SLC's) to communicate progress made on the personalized learning requirements to parents and staff.

### Education Plan and Profile

A student's Education Plan should reflect their current goals in the areas of *academics, personal/social development, citizenship and career development (includes post-secondary planning)*. Juniors and seniors will also be including their senior project information. This is part of the Student-led Conference process with an opportunity to set goals at the beginning of the year, review progress or revise goals during 2nd trimester, and then presenting progress during the final SLC presentation at the end of the year. Documentation should include:

- ◊ SLC Goal setting forms
- ◊ CIS Course Plan or NKN Four-Year Academic Plan
- ◊ CIS Personal Education Plan (PEP)

The Education Profile is the documenting of student achievements for items such as state test scores, passing work samples, career learning activities that a student has participated in, college or military test scores, etc. Documentation should be kept in student advisory portfolio and include:

- ◊ Current transcripts
- ◊ National test reports (PSAT/SAT/ACT, WorkKeys),
- ◊ Any other assessment they may have taken (ASVAB/NOCTI)
- ◊ CIS Activity Chart (list of all clubs, sports, awards, employment, community service, etc)
- ◊ Best work sample from each content area
- ◊ Reflections from field trips, college fairs, etc.

### Career-Related Learning Experiences (CRLE)

Students are asked to participate in experiences that connect classroom learning with real life experiences in the workplace, community, and/or school which are relevant to their education plan. Take advantage of extracurricular activities, community projects, job shadows, interviews, etc. Visit college campuses and compare programs to see what will be a good fit for you. Explore the world! Each student should involve themselves in a variety of activities each year and document what they have done.

**Extended Application (Sr. Project)** - Students apply and extend their knowledge in new and complex situations related to the student's personal and/or career interests and post-high school goals through critical thinking, problem solving, or inquiry in real world contexts.

The senior project is a chance for students to explore a topic of personal interest and showcase their ability to succeed using the soft skills needed for today's workforce requirements. Students generally begin this project during their junior year of high school.

## RECOMMENDED COURSE SEQUENCE

| Subjects                                      | Re-quired Credits        | Ninth Grade                                                                                                                                                                                                       | Tenth Grade                 | Eleventh Grade                | Twelfth Grade                                 |
|-----------------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------|-----------------------------------------------|
| <b>English</b>                                | 4                        | Eng 9                                                                                                                                                                                                             | Eng 10                      | Eng 11 or AP Eng Lang         | Lit/Comp or AP Eng Lit                        |
| <b>Math (Alg 1 +)</b>                         | 3<br>(4 rec')            | Alg 1<br>Or<br>Geometry                                                                                                                                                                                           | Geometry<br>Or<br>Algebra 2 | Algebra 2, or<br>Pre-Calculus | Pre-Calculus,<br>Statistics<br>Or<br>Calculus |
| <b>Sciences</b>                               | 3<br>(4 rec')            | Physical Science                                                                                                                                                                                                  | Biology                     | 1 cr<br>Addt. Sci             | 1 cr<br>Addt. Sci.                            |
| <b>Social Sciences</b>                        | 3                        |                                                                                                                                                                                                                   | World Hist.<br>World Geog   | US History                    | Gov't<br>Econ                                 |
| <b>Computer</b>                               | 1<br>(college-2)         | Comp App                                                                                                                                                                                                          | Additional computer class   |                               |                                               |
| <b>Health</b>                                 | 1                        | Health 1 and Health 2 taken anytime                                                                                                                                                                               |                             |                               |                                               |
| <b>Physical Education</b>                     | 1                        | 1 credit PE classes taken anytime                                                                                                                                                                                 |                             |                               |                                               |
| <b>Foreign Language</b>                       | 3 cr.<br>Any combination | Classes chosen based on student career plans.<br>Variety encouraged!<br>Take advantage of dual credit classes to earn<br>Oregon Transfer Module from TBCC<br><b>2 years Foreign Language strongly recommended</b> |                             |                               |                                               |
| <b>The Arts</b>                               |                          |                                                                                                                                                                                                                   |                             |                               |                                               |
| <b>Career/Tech</b>                            |                          |                                                                                                                                                                                                                   |                             |                               |                                               |
| <b>Electives</b>                              | 7.5                      | Classes chosen based on student career plans.<br>Variety encouraged!<br>Take advantage of dual credit classes to earn<br>Oregon Transfer Module from TBCC                                                         |                             |                               |                                               |
| <b>Career Learning (Advisory/Sr. Project)</b> | 1.5                      |                                                                                                                                                                                                                   |                             |                               |                                               |
| <b>TOTALS</b>                                 | 28                       | 7.5                                                                                                                                                                                                               | 7.5                         | 7.5                           | 7.5                                           |

## 4-YR COLLEGE OR UNIVERSITY BOUND STUDENTS COLLEGE ENTRANCE REQUIREMENTS

Private and out-of-state colleges and universities have their own entrance requirements. You should check the admissions requirements for each post-secondary institution that you are interested in attending for their specific requirements. Basic admission requirements for Oregon public universities are as follows:

*(Remember, these are minimum subject requirements and must be passed with a “C-” or higher.)*

English: 4 credits

Math: 3 credits (Algebra 1 and higher and at least through Algebra 2)

Science: 3 credits (must include lab experience)

Social Science: 3 credits

Second Language: 2 credits (2 yrs. of the same language)

Most 4-yr post-secondary schools will also require students to provide test scores from either the **SAT or the ACT**. The individual colleges determine which test must be completed. Registration materials for these tests may be obtained from the Guidance Center. Students are responsible for obtaining the information, and then registering for the appropriate test. They are offered multiple times throughout the year in various cities in the state. Neah-Kah-Nie High School serves as a host site in October and May.

### 2020-2021

#### COLLEGE ENTRANCE TEST DATES OFFERED AT NEAH-KAH-NIE

**SAT (collegeboard.org )**  
**Saturday, October 3, 2020**  
**School Day—Spring**

**ACT (act.org)**  
**Saturday, October 24, 2020**  
**In late February: all juniors**

## COMMUNITY COLLEGE BOUND STUDENTS

A high school diploma or its equivalent (GED) and a placement test are all that is normally required for a community college. The **Accuplacer**, is the placement test used for TBCC. Students desiring to take dual credit or college classes through TBCC can make arrangements with the counselor to take this test. There is no fee for high school students to take this test.

## OTHER TESTING OPPORTUNITIES

The **ASVAB** is also offered is also offered once a year for those interested in the **military** or who would like to take advantage of an additional career assessment.

**WORKKEYS** is offered to all seniors who would like the opportunity to earn a National Career Readiness Certificate. It consists of 3 tests in which scores put students at a silver, gold or platinum level of achievement. More and more employers are looking for this certificate.

# COLLEGE CREDIT COURSES

## College Credit/Dual Credit Opportunities

### **Expanded Options:**

Students who meet pre-requisites may choose to take a college level course through TBCC and receive both college credit and high school credit.. This opportunity allows student to supplement their high school curriculum with classes relevant to their career interests and gives students a head start on their college degree requirements. See TBCC course catalog or visit online at <https://tillamookbaycc.edu> for course information.

**Prerequisite:** TBCC Enrollment, Placement Test showing qualifying scores, funding availability.

Due to limited funds and Senate Bill 300 requirements, priority will be given to students in free/reduced program. Once funds are depleted, students/parents are welcome to pay for classes at TBCC to supplement a student's schedule. **Transportation will be the responsibility of the student for classes taken at TBCC.**

Students who fail or do not complete a TBCC class will be required to reimburse the district for the cost of the class. **Students are responsible to be aware of TBCC deadlines** and must notify TBCC teachers and Student Services office if they choose to drop a class. Students will be responsible for any fees incurred.

### **Dual Credit Courses Offered at NKN**

**The following classes receive both high school credit as well as the college credit normally earned at TBCC. TBCC requirements must be met in order to receive college credit.**

AP English Language A/B/C (COMM111, WR121,122) 4 cr each

Oceanography C (GS 108) - 4 cr

Pre-Calculus B/C (111/112) - 5 cr each

Algebra 2 B/C (MTH70, 95) - 4 cr each

Art (Art 115) -3 cr

Personal Health/Fitness (HE/PE 295) - 3 cr

Welding (WLD111) - 4 credits

Intro to Business (BA101) - 4cr

AP Biology A/B/C (BI 101,102,103) - 5 cr each

Natural Resource 2—(ESR 171 ) 4 cr

World Geography (GEO106) - 4 credits

US History A/B (HST 102,103) 4 cr each

Economics (EC202) - 4 cr

Government (PS 201) 4 cr

Psychology, Sociology & Photography in process

### **NW Promise/Willamette Promise**

**Courses offered through Willamette Promise require passing exam at end of class. Students can opt to receive college credit. Cost is \$30. per year.**

Chemistry (Chem 104)—4 cr

Anatomy & Physiology (BI103) 4 cr

### **AP Classes Offered at NKN**

In addition, college credit can be earned based on scores from AP tests. All AP classes run a full year\* (3 trimesters) and require taking a test in May. Current AP class offerings include:

AP Eng Lang (HS)

AP Eng Lit (HS/ORV)

AP Calculus (HS/ORV)

AP Statistics (ORV)

AP Biology (HS)

AP US History (HS)

AP Psychology (ORV)

**\*Not all AP classes are offered every year.**

*HS—High School Class    ORV—Online class taken at the high school)*

*As always, changes in staff or college guidelines can affect dual credit offerings available here at the high school.*

# Oregon Transfer Module (OTM)

The Oregon Transfer Module provides a one-year curriculum for students who plan to transfer to a state of Oregon two-year or four-year college/university of higher education. The module allows students to complete one year of general education foundation course work (45 credits) that will meet the admission standards of our Oregon public universities. Completion of the OTM qualifies the student for sophomore standing at an Oregon Public University.

## General Requirements

- Complete a minimum of 45 credit hours.
- All courses must be completed with a grade of C- or higher.

**Students must have a minimum cumulative GPA of 2.0 at the time the OTM is awarded.**

## Foundational Skills

**Oral Communication: One course of fundamentals of speech or communication**

- Can be met by AP English A: TBCC Dual Credit Comm111 (4 credits)

**Writing: Two courses of college level composition**

- Can be met by AP English B&C: TBCC Dual Credit WR121/122 (8 credits)

**Mathematics: One course of college-level math, for which intermediate Algebra is a pre-requisite**

- Can be met by Pre-Calculus B: TBCC Credit Math111 (5 credits)

## Introduction to Disciplines

**Arts and Letters: 3 Courses**

- Can be met by Art: TBCC Dual Credit ART131 (3 credits)

- Photography: TBCC Dual Credit ART140

- Theater Literature: TBCC Dual Credit Eng 105

◇

**Social Sciences: 3 Courses**

- Can be met by US History: TBCC Credit HST202/203 (8 credits)

- Taking Intro to Psych: TBCC credit Psy 201 (4 credits)

- Taking Government : TBCC credit PS201 (4 credits)

- Taking World Geography : WP Geog 106 (4 credits)

**Science/Math/Computer: 3 Courses including at least one biological or physical sci. with a lab**

- Can be met by Pre-Calculus B: NW Promise Credit Math112 (5 credits)

- Taking Oceanography C: TBCC Dual Credit GS108 (4 credits)

- Taking Chemistry A/B: Willamette Promise Credit CH104 (4 credits)

- Taking AP Calculus and scoring 3 or better on the test

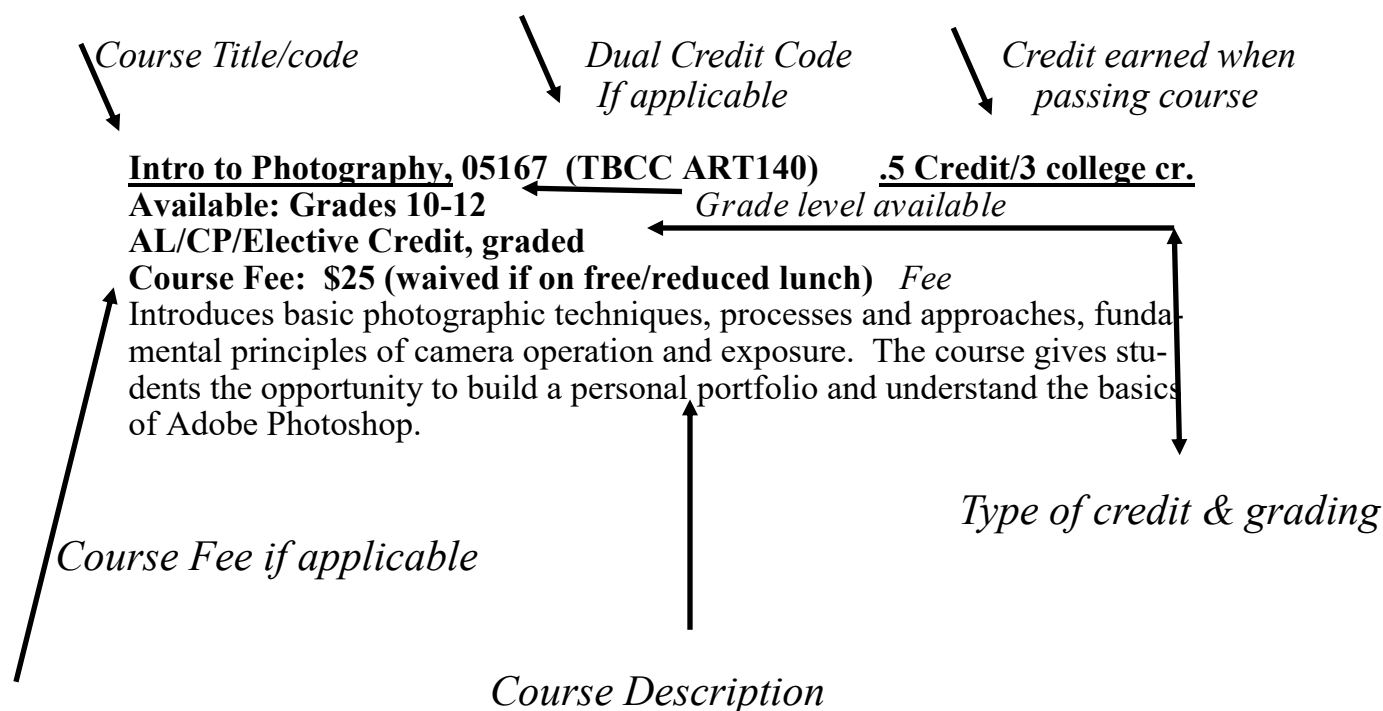
- Taking AP Biology and scoring 4 or better on the test

**Electives: As required to bring the total credits to 45. Courses must be from Arts & Letters, Social Science, or Science/Math/Computer Science areas.**

- Can be met through credits earned through classes listed above, other AP classes through ORVED and scoring well on tests, and classes taken through TBCC...



# Interpreting the Course Description



*NOTE: If the course qualifies for dual credit it will also note where the dual credit comes from (TBCC/NWP/WP) and the number of credits to be awarded.*

*If there is a pre-requisite for a course, it will be noted under the course title.*

## Preparing for Benchmark Testing

Students are expected to remain in English and math classes until Smarter Balance testing has been completed (through the end of your junior year). Students who have not met benchmark will be expected to continue taking appropriate classes until benchmark has been met.

## Eligibility for Athletics & Activities

Students must meet OSAA and NKN eligibility requirements each trimester to participate in any athletics/activities at the high school. Students must be enrolled in a minimum of four curriculum classes per trimester (not including advisory) and have passed 4 out of 5 classes in the trimester prior to participation.

Student grades will be monitored during the season for continued participation.

## Four Year Planning Guide

Each student should have a 4-yr planning guide that they have developed based on their current education plan. These should be used to plan your course schedules. If you do not have one, you can use the one on CIS or get a paper copy from the counselor.

*As always....The best preparation for tomorrow is doing your best today!*

## ENGLISH

4 credits required

### **English 9 A/B/C 01001**

**.5 credit each term**

#### **Required LA Credit, Graded**

Students will read novels, short stories, poems, essays, and plays. The purpose of this course is to provide high school students with foundational knowledge associated with studying literature and writing so that students have the skills they need to succeed in future English classes. Students will work on mastering basic grammar rules, effective organization techniques, and providing adequate explanation in their six or more formal State Writing Samples.

### **English 10A/B/C 01002**

**.5 credit each term**

#### **Required LA Credit, Graded**

This course will focus on the writing process. Through pre-writing, brainstorming, drafting, revising, editing, proofreading and publishing students will acquire the skills needed to be able to write an effective essay, poem or narrative. Students will keep a weekly log of their choice reading time and strategies used. In the first term, students will produce a Personal Narrative scored using state writing standards and submitted to student writing portfolios as passing work samples in writing. In the second term, students will produce a persuasive essay, scored using state writing standards. This piece will be submitted to student writing portfolios as passing work samples in writing.

### **English 11/English Lit/Comp 01003/01052**

**.5 credit each term**

**Available: Grades 11/12**

#### **LA, EL Credit, Graded**

Students will concentrate on novels, plays, essays and poetry revolving around the theme “World Views, past and present,” as they work to enhance their knowledge regarding grammar usage, literary terminology and critical approaches to world literature, as well as an appreciation of the written word. Writing assignments will parallel the reading. Work Samples will be done each trimester.

### **AP English Language A/B/C 01005 (TBCC COMM111, WR121, 122)**

**.5 cr. each term/12 college cr.**

**Available: 11 and 12 grade**

#### **LA/AL/EL Credit, graded**

**College credit may also be earned based score earned on AP English Language test.**

AP English Language and Composition has its focus on rhetoric. While promoting writing in many contexts for a variety of purposes, the English Language course is the place where nonfiction texts and contexts take center stage. Here students think deeply about language as a persuasive tool and about the dynamic relationship of writer, context, audience, and argument.

### **AP English Literature A/B/C 01006**

**.5 credit each term**

**Available: 11 and 12 grade**

#### **LA/AL/EL credit, graded**

**College credit may be earned based score earned on AP English Literature test.**

AP English Literature and Composition enables students to develop critical standards for evaluating literature. Students study the language character, action and theme in works of recognized literary merit; enrich their understanding of connotation, metaphor, irony, syntax, and tone; and write compositions of their own (including literary analysis, exposition, argument, narrative, and creative writing).

### **REMINDER:**

*\*Students are expected to remain in English and math classes until Smarter Balance testing has been completed (through the end of your junior year). Students who have not met benchmark will be expected to continue taking appropriate classes until benchmark has been met.*

*\*Students should plan to take English, math & science classes all 4 years to accommodate requirements by NCAA and college entrance requirements - keeping doors of opportunity open!*

## ENGLISH

### Electives

#### **Creative Writing 01104**

**.5 credit**

**Available: Grades 10-12**

**LA/AL/EL**

An elective course in which students will study and practice the craft of creative writing. Weekly routines revolve around Writing Workshop and Literature Workshop. Students will write, read, and examine a variety of genres including poetry, short stories, creative non-fiction, memoir, and graphic novels. Direct instruction will be given on literary elements, the writing process, and other related topics. Students will create three polished pieces for publication by the end of the trimester. In order to achieve this goal, focus will be given to Writing Workshop in which students work independently, with peers, and one-on-one with the teacher. By the end of this course, students will have developed as individual writers as well as members of a writing community.

#### **Theater Literature 01999**

**.5 credit**

**Available Grades 10-12**

**LA/AL/EL**

An introduction to the nature of theater as a performing art. Students study selected plays from the perspectives of actors and directors. They will perform short pieces individually as well as in small groups. They will also write their own short pieces, and will perform written analysis on the strategies of playwrights to develop the ability to imagine the play in performance and to appreciate the range of theater's possibilities. (Not offered every year) NOT A NCAA APPROVED COURSE

#### **Composition 01103**

**.5 credit**

**Available Grades 9-12**

**LA/EL**

This course focuses on the students' writing skills and develop their ability to compose different types of papers for a range of purposes and audiences. These courses enable students to explore and practice descriptive, narrative, persuasive, or expository styles. This course provides extra support to assist students in attaining skills necessary for benchmark achievement. NOT A NCAA APPROVED COURSE

#### **Journalism 01156**

**.5 credit**

**Available: Grades 10-12**

**EL/AL**

This class emphasizes writing style and technique as well as production values and organization. Journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, ad captions; and teach students the principles of production design, layout, and printing. Photography, photojournalism, and digital technology skills may be included. NOT A NCAA APPROVED COURSE

#### **Public Speaking 01151**

**.5 credit**

**Available: Grades 10-12**

**LA/EL/AL**

Public speaking courses enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence. NOT A NCAA APPROVED COURSE

# MATHEMATICS

3 credits required (Alg 1 and higher)

## **Algebra 1: A/B/C 02052**

**.5 credit each term**

### **Required MA Credit, graded**

Algebra 1 introduces the student to mathematics with an emphasis on number patterns, functions and graphs. First trimester: topics covered include variable, expressions, properties, real numbers, solving equations, and inequalities. Second trimester: Topics covered include analyzing linear equations, parallel and perpendicular lines, solving systems of equations, graphing linear inequalities, and quadratic/exponential functions. Third trimester: Factoring polynomials exponents, and rational functional/expressions.

## **Geometry: A/B 02072**

**.5 credit each term**

### **Prerequisite: Completion of Algebra I A,B**

### **Required MA Credit, graded**

The course covers the major geometric concepts as defined by the state standards. Fall Trimester: Topics include plane geometry, coordinate geometry, triangles, polygons, surface area & volume, and right triangle trigonometry. Winter Trimester: Topics include Circles, special triangles, transformations, & geometric probability. A Geometry Work Sample will be required in Geometry A and B for Algebra 2 (Math 60.) Students must have instructor's consent to double up with Geometry during the same school year..

## **Algebra 2 A/B /C 02056 (TBCC MTH 70,95,math for trades) .5 cr each term (8 college cr terms B/C)**

### **Prerequisite: Successful Completion of Geometry A/B**

### **MA/EL Credit, graded**

**TBCC credit may be earned by meeting TBCC prerequisites for Alg2B (MTH70) and 2C (MTH95).**

This course covers algebraic concept and process with a focus on functions, linear systems, polynomials and quadratic equations. Explores functions graphically and symbolically with an emphasis on function notation.

## **Pre Calculus: A/B /C 02110 (TBCC Mth 111/112)**

**.5 cr each term (10 college cr terms B/C)**

### **Prerequisite: Successful Completion of Algebra 2C or Instructor approval.**

### **MA/EL Credit, graded**

**TBCC credit may be earned by meeting TBCC prerequisites.**

Examines exponential, logarithmic, polynomial and rational functions. Investigates trigonometric functions, equations and identities, right and oblique triangles, vectors, polar coordinates, parametric equations and complex numbers.

## **REMINDER:**

*\*Students are expected to remain in English and math classes until Smarter Balance testing has been completed (through the end of your junior year). Students who have not met benchmark will be expected to continue taking appropriate classes until benchmark has been met.*

*\*Students should plan to take English, math & science classes all 4 years to accommodate requirements by NCAA and college entrance requirements - keeping doors of opportunity open!*

# MATHEMATICS

## Electives

**AP Calculus A/B/C 02124** (TBCC MTH 251,252,253)

**.5 cr each term (14 college cr terms A/B/C)**

**Prerequisite:** Successful Completion of Pre-Calculus

**MA/EL Credit, graded**

**College credit may also be earned based score earned on AP Calculus exam**

The focus of AP Calculus AB is on the three Big Ideas of Change, Limits, and the Analysis of Functions. The topics covered in this course include the study of: limits and continuity; derivatives; applications of derivatives; antiderivatives and differential equations; definite and indefinite integrals; applications of integration; and the Fundamental Theorem of Calculus. Concepts will be expressed and analyzed graphically, geometrically, numerically, and analytically.

**Probability & Statistics 02201** (TBCC MTH 243)

**.5 credit/ 5 college credits**

**Prerequisite:** Successful Completion of Pre-Calculus or instructor approval

**MA/EL Credit, graded**

Statistic courses involve the major concepts and methods used to collect, analyze, and draw conclusions from data. Topics typically include populations and samples, measures of central tendency and variability, hypothesis testing, presentation and making statistical inferences.

**Applied Mathematics 02062** (TBCC MTH 105)

**.5 credit/ 4 college credits**

**Prerequisite:** Successful Completion of Algebra 2A

**MA/AL/EL Credit, graded**

An occupationally applied mathematics course that explores a variety of topics: Problem solving by various methods, mathematics of finance, geometry, and elements of algebra, statistics and probability. Further develops technical and business math skills. NOT A NCAA APPROVED COURSE

**Math Lab 02996**

**.5 credit**

**EL, Credit, graded**

Review of algebra and geometry concepts with additional opportunity for work sample completion. This course provides extra support to assist students in attaining skills necessary for benchmark achievement. NOT A NCAA APPROVED COURSE

# SCIENCE

## 3 credits required

### **Physical Science A/B 03159**

**.5 credit each term**

#### **SC Credit, graded**

Physical science is the study of matter and energy. First trimester will focus on Chemistry. Second trimester will focus on Physics. Students will study physical science in a lecture/lab format and will be required to keep an organized notebook of all class materials. Course curriculum will be aligned to the state science standards.

### **Biology A/B 03051**

**.5 credit each term**

#### **SC Credit, graded**

Intended for the majority of science students. Students will study biology in a lecture-lab format and will be required to keep a notebook for all class activities. Course curriculum is aligned to state science standards. Content includes ecology, all biology, genetics and evolution. An essential skills work sample will be required.

### **Chemistry A/B 03101 (WP CH104)**

**.5 credit each term (4 College Credits Total)**

**Prerequisite: Algebra II recommended and Instructor Consent**

**Available: Grades 11-12**

#### **SC/AL/EL Credit, graded**

Chemistry is the study of the relationship between the structure and properties of matter and the energy changes that take place when the matter interacts. These principals will be developed through lecture, experimentation, reasoning and questioning. College preparation requires both A and B terms to be completed successfully. Opportunities for producing an Essential Skills Work Sample will be made available. This course may not be offered every year.

### **Oceanography A/B/C 03005 (C only: TBCC GS 108)**

**.5 credit each term/4 College Credits Total**

**Available: Grade 11-12**

#### **SC/AL/EL Credit, graded**

Students will study all aspects of the ocean sciences over the course of the year. Fall Units of Study: history, physical, geologic, chemical. Winter Units of Study: taxonomic groups. Spring Units of Study: ecosystems, current Issues. Outside learning projects and notebook are required each term. Field trips to local sites enrich concepts covered in class. (Oceanography C receives college credit if TBCC pre-requisites met) This course may not be offered every year.

### **AP Biology A/B/C 03056 (TBCC BI 101/102/103)**

**.5 credit each term/5 College Credits each**

**Available Grades 11-12**

#### **SC/AL/EL Credit, graded**

**TBCC credit may be earned by meeting TBCC prerequisites.**

**College Credit may also be earned with a passing mark on the AP Biology test**

AP Biology is a survey of general biology that includes biochemistry, cellular biology, molecular genetics and heredity, biotechnology, diversity, structure and function of organisms, and ecology and evolution. This course may not be offered every year.

### **Physics A/B 03151**

**.5 credit each term**

**Prerequisite: Alg 2 recommended**

**Available: Grades 11-12**

#### **SC/AL/EL Credit, graded**

Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena. Students work with the scientific concepts of forces and motion. This course may not be offered every year.

### **Anatomy & Physiology A/B 03053 (WP Bio103)**

**.5 credit each term (4 College Credits Total)**

**Pre-requisite: Biology**

**Available grades: 11-12**

#### **SC/AL/EL credit, graded**

Introduces the student to basic anatomy and physiology of animals with an emphasis on humans. Emphasis is placed on organs, organ systems, and how they function. The course is focused at non-science majors who have likely never experienced the scientific method. This course may not be offered every year. NOT A NCAA APPROVED COURSE

**Science Continued...**  
**Single Term Science Classes**

**Earth Science 03001**

**.5Credit**

**Available: Grades 10-12**

**SC/AL/EL Credit, graded**

Students will study how the earth was constructed. This will include rocks and minerals, plate tectonics, weather, earthquakes and volcanoes and oceans. Course conducted through lecture, labs and videos. Students will be required to keep an organized notebook. This course may not be offered every year.

**Botany 03058**

**.5 credit**

**Available: Grades 10-12**

**SC/AL/EL Credit, graded**

*Botany* is the scientific study of plants and their relationship to the environment. In this course students will investigate the growth, anatomy, morphology, physiology, biochemistry, and human use of plants. Laboratory experiences will complement classroom activities. This is a one trimester course suitable for those students who have an interest careers in the in Biological Science, Environmental Studies, Forestry or Natural Resources. This course may not be offered every year.

**Marine Science 03005**

**.5 credit**

**Available: Grades 10-12**

**SC/AL/EL Credit, graded**

In this 1 term class, students will look at the physical aspects of the ocean such as tides, temperature, density, currents and properties of water, chemistry of water, marine biology and plate tectonics. Students will conduct their own research on marine topics, complete a survey of marine careers and explore areas of personal interest. This is an excellent class to take before Oceanography. May not be offered every year.

**Environmental Science I 030031**

**.5 Credit**

**Available: Grades 11-12**

**SC/AL/EL Credit, graded**

Natural Resource Biology will explore the natural resources individually at an introductory level. Natural resources include timber, wildlife, fish, soils, minerals, marine and fresh-water resources. These topics will be explored and applied to current issues around Tillamook county. Students will practice monitoring water quality in fresh and marine systems in the classroom as well as in the field with class research projects. This is a hands on class where students will regularly get their hands dirty, work in the woods, and be asked to carry tools back and from the job site.

**Environmental Science II 030032 (TBCC ESR171)**

**.5 Credit/4 college credits**

**Prerequisite: Natural Resource Science I**

**Available: Grades 11-12**

**SC/AL/EL Credit, graded**

Continuation of studies began in Natural Resource Science.

**Watershed Science 03064**

**.5 Credit**

**Available: Grades 11-12**

**SC/AL/EL Credit, graded**

This regional science course will study the hydrology, geomorphology, and ecology of watersheds, including such topics as water and nutrient cycles, water budgets, peak flows, and the impacts of biological processes and human impacts on watershed health. The study of salmonid ecology, life histories, habitat requirements, ecological and economical importance, and management policies will also be explored. This course will include guest speakers from local Watershed Councils, NGOs, OWEB, ODFW, ODF, ODA, and/or Soil and Water Conservation Districts among other possible agencies and groups, and will also incorporate career related presentations and possible field trips. This course may not be offered every year. NOT A NCAA AP-PROVED COURSE.

# SOCIAL SCIENCES

3 credits required of all students

## **World History 04051**

**.5credit**

**Available: Grade 9-12**

**Required GS-SS Credit, graded**

This survey of world history in the modern era is arranged thematically instead of chronologically to address important trends such as the development and impact of world religions and political systems. Students will learn about the complexity of significant political, economic, and cultural events and their effects on our world today. There is a strong emphasis on research and writing.

## **World Geography 04001 (TBCC GEO 106)**

**.5credit (4 college credits)**

**Available: Grade 10-12**

**Required GS-SS Credit, graded**

This class uses the five basic themes of geography (place, location, region, movement, and human-environment interaction) to examine several current and historical issues around the world. Students will be able to analyze the ways that human populations are shaped by the environment and vice versa. There is a strong emphasis on reading and analytical writing. For college credit must meet TBCC requirements.

## **US History A/B 04102/04103 (TBCC HST202/203)**

**.5 Cr each term/4 college cr ea term**

**Prerequisite: None**

**Available: Grade 11-12**

**Required US-SS Credit, graded (May take AP US History instead)**

In the first trimester of a two-trimester sequence, Part A examines cause and effect, and significant trends and movements related to political, social and economic ideas and events from 1840 to 1914.

In the second trimester of a two-trimester sequence, Part B examines cause and effect, and significant trends and movements related to political, social and economic ideas and events from 1914 to present.

## **AP US History 04104**

**.5 Cr each term**

**Available Grades 11-12**

**Alternate required US-SS credit or EL credit, graded**

**College Credit may be earned with a passing mark on the AP US History test**

In Advanced Placement U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. THIS COURSE IS A 3 TRIMESTER COMMITMENT

## **Government 04151 (TBCC PS 201)**

**5 Cr each term/4 college cr**

**Available: Grade 11-12**

**Required GV-SS Credit, graded**

An introduction to the institutions and processes of American national government, including the Constitution, civil liberties, elections, political parties, Congress and the legislative process, the presidency and modern bureaucracy, and the Supreme Court and judicial branch.

## **Economics 04201 (TBCC EC 202)**

**5 Cr each term/4 college cr**

**Available: Grade 11-12**

**Required GV-SS Credit, graded**

This introduction to the study of economics is structured much like a college course, meaning that reading will be assigned as homework and much of class-time will be spent engaged in critical discussion in addition to lecture and reading from the textbook. Students will be urged to develop their opinions and perspective on economics in order to leave the class as more informed consumers and citizens.



# SOCIAL SCIENCES

## Electives

### **AP US History 04104**

**.5 Cr each term**

**Available Grades 11-12**

**Alternate required US-SS credit or EL credit, graded**

**College Credit may be earned with a passing mark on the AP US History test**

In Advanced Placement U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. THIS COURSE IS A 3 TRIMESTER COMMITMENT

### **Psychology A/B 04254**

**.5 Cr each term/4 college credit each term**

**Available: Grades 10-12**

**AL/EL Credit, Graded**

The first trimester of a two-trimester sequence in introductory psychology covering the history of psychology, scientific methods, the brain, nervous system, sensation, perception, consciousness, human development, learning, memory, language, and cognition. Taught from a sociocultural approach which assumes that gender, culture, and ethnicity are essential to understanding behavior, thought, and emotion

The second trimester of a two-trimester sequence in introductory psychology, covering emotion, motivation, intelligence, personality theory, health psychology, abnormal psychology, therapies, and social psychology. Course taught from a sociocultural approach which assumes that gender, culture, and ethnicity are essential to understanding behavior, thought, and emotion

### **20th Century Music & Culture 04109**

**.5 credit**

**Available: Grades 9-12**

**AL,EL**

This course will examine 5-6 different genres of music that were popularized between the years of 1900 and 2000 (Jazz, Folk, Rock & Roll, Country, R&B/Hip Hop, Pop). In addition to listening to and expanding our knowledge on the people and ideas that are important to each genre, we will connect their lyrics and musical styles to what was going on in the country at the time they were released. Students will be expected to critically respond to music and historical events in both written assignments and discussion. NOT A NCAA APPROVED COURSE

### **Sociology 04258 (TBCC SOC 204)**

**.5 Credit/ 4 college cr.**

**Available: Grades 10-12**

**AL/EL Credit, Graded**

Introduces the sociological perspective and the scientific study of human social behavior. Focuses on the core concepts, theories, and research on human interactions within social groups and how people are shaped by their social locations (status, roles, race, class, sex, age, etc.) within society's structures, stratification systems, and institutions, and by cultural processes such as socialization and group dynamics. NOT A NCAA APPROVED COURSE

### **Comparative Religions 07002**

**.5 Credit**

**Available: Grades 9-12**

**AL/EL Credit, Graded**

This .5 credit course of instruction will focus on comparing and contrasting the major living religions of the world. This course will review major beliefs, practices, goals, and worldviews of the world's religions. The course will help the learner to understand the role religion has played in society, culture, and history. NOT A NCAA APPROVED COURSE

# FOREIGN LANGUAGE

**3 credits (in any combination) from Foreign Language, the Arts or Career Tech Ed**

## **Spanish I A/B 24052**

**.5 Credit each term**

**Prerequisite: None**

**Available: Grade 9-12**

**AL/Elective Credit, graded**

Students will study basic vocabulary and structure appropriate to highly predictable everyday social contexts. Emphasis will be placed on speaking and listening skills. Students will actively participate in speaking and listening activities. All students will be expected to reach the novice-mid level of proficiency in speaking, listening, reading and writing.

## **Spanish II A/B 24053**

**.5 Credit each term**

**Prerequisite: "C" or better in Spanish I or Instructor consent**

**Available: Grades 10-12**

**AL/Elective Credit, graded**

Students will study basic and more specific vocabulary and structure allowing them to participate in broader social contexts and other predictable contexts. Students will actively participate in speaking and listening activities. Students will be expected to linguistically be able to handle all of the basic social contexts of day-to-day living. Students will achieve novice-high or intermediate-low levels of proficiency in speaking, listening, reading and writing.

## **Spanish III A/B 24054 (WP SPA101/102)**

**.5 Credit each term/8 college credits**

**Prerequisite: Spanish II**

**Available: Grades 10-12**

**AL/Elective Credit, graded**

Students will review basic vocabulary and structure and be introduced to more advanced and abstract structures and vocabulary enabling them to handle less predictable contexts. Students will actively participate in speaking and listening activities with more emphasis being placed on writing and reading than Spanish II. Students will achieve at least the intermediate-low level of proficiency in speaking, listening, reading and writing. These sections will focus on the skills needed to meet the State's Benchmark 4 standards which satisfy OUS college entrance requirements.

## **Spanish IV A/B 24055 (WP 202/203)**

**.5 Credit/8 college credits**

**Prerequisite: Spanish III**

**Available: Grades 11-12**

**AL/Elective Credit, graded**

Students will continue to review all previous vocabulary and structures and will study advanced structures and vocabulary enabling them to speak comfortably beyond the elemental needs of day-to-day existence. Students will be expected to read authentic Spanish language and literature and to react to the reading both verbally and in writing. Students will achieve the intermediate-mid level of proficiency in speaking, listening, reading and writing. These sections will focus in the skills needed to meet the state of Oregon Department of Education's Foreign Language benchmark 4 standards which satisfies OUS college entrance requirements.

## **Spanish Conversation & Culture 24059**

**5 Credit**

**Prerequisite: Spanish I**

**Available: Grades 9-12**

**AL/Elective Credit, graded**

The Spanish Conversation and Culture class will be a fun opportunity for students in Spanish 1 and 2. Students will learn about the culture, geography and current events of Spanish speaking countries, all while improving their Spanish. Students will watch movies, learn about music, and try food from different countries. The Spanish Conversation and Culture class aims to increase students' cultural competency, expand students' worldview, and spark a desire in students to further explore Spanish culture and language. Not offered every year. This course is not considered part of the core requirements for college entrance. NOT A NCAA APPROVED COURSE

## **French 1 A/B 24102**

**.5 credit**

**Available Grades 9-12**

**AL/EL Credit, graded**

Introduces students to the French language and culture and prepares students to communicate authentically in French by interpreting, exchanging and presenting information on a variety of topics.

**Classes listed  
beyond this page  
are not considered  
core classes for  
college entrance  
requirements and  
do not meet  
NCAA course re-  
quirements...**

**In addition, elective courses will be offered  
based on student interest during forecasting  
and/or teacher availability...**

## **FINE/APPLIED ARTS**

**3 credits (in any combination) from Foreign Language, Arts or Career Tech Ed**

### **Art 05155 (TBCC ART115)**

**.5Credit/ 3 college credits**

**Available: Grades 9-12**

**AL/Elective Credit, graded**

This class introduces students to a variety of drawing techniques. Students will develop skills in line drawing, shading, human proportion and perspective as well as processes for creating and developing individual creative ideas. This class will also explore historical aspects and aesthetic of art.

### **Ceramics 05159**

**.5 Credit**

**Available: Grades 9-12**

**AL/Elective Credit, graded**

Presents all aspects of introductory clay processes: development of ideas, care and preparation of clay, skills and understanding related to clay, on and off the potter's wheel, glazes and firing procedures. May be repeated with instructor approval.

### **Photography 55167 (Possible TBCC Dual Credit)**

**.5 Credit**

**Available: Grades 9-12**

**AI/CP/Elective Credit, graded**

Introduces basic photographic techniques, processes and approaches, fundamental principles of camera operation and exposure. The course gives students the opportunity to build a personal portfolio and understand the basics of Adobe Photoshop.

### **Choir 05110**

**.5 Credit**

**Available: Grades 9-12**

**AL/Elective Credit, graded**

Sing, study and perform a variety of music that represent most major western music genre and prominent representatives of other cultures. Concert participation and consistent rehearsal attendance is mandatory.

### **Band 05102**

**.5 Credit**

**Prerequisite: 2 years band experience or consent of instructor**

**Available: Grades 9-12**

**AL/Elective Credit, graded**

Students will continue to develop their proficiency on their chosen instrument, increase knowledge of music theory, and history. Students are required to practice outside of class and required to participate in all performing events.

### **Music Theory & History 05116**

**.5 credit**

**Available: Grades 9-12**

**AL/EL**

Provides students with an understanding of the fundamentals of music including composition, analysis, arranging and sight reading along with surveys of different musical styles and periods.

### **Music Recording & Production 05123**

**.5 credit**

**Available: Grades 10-12**

**AL/EL**

Provides students with an opportunity to learn and apply skills in music recording techniques, music editing, mixing, and crating finished musical recordings.

### **Theater Performance 05055**

**.5 credit**

**Available: Grades 9-12**

**AL/EL**

An introduction to the nature of theater as a performing art. Students study selected plays from the perspectives of actors and directors. They will perform short pieces individually as well as in small groups. They will also write their own short pieces, and will perform written analysis on the strategies of playwrights to develop the ability to imagine the play in performance and to appreciate the range of theater's possibilities.

# HEALTH

1 credit required of all students

## **Health I 080511**

**.5 Credit**

### **Required HE Credit, graded**

The purpose of this course is to provide activities and information about safe living, stress/risk management, physical fitness and nutrition. First aid, CPR and nutrition will be taught in this class.

## **Health II 080512**

**.5 Credit**

### **Prerequisite: None**

### **Required HE Credit, graded**

The student will be encouraged to experience and value a lifestyle which reflects wellness. Students will be introduced to safe living behaviors, appropriate management of stress or risk-taking behaviors, appropriate physical fitness behaviors, appropriate nutrition pattern, an understanding of the purpose served by the family in providing psychological and physiological security to its members, and an understanding of current local, national and global health problems and some of the way in which they might be solved.

## **Health & Fitness 08052 (TBCC HE295/PE 295)**

**.5 Credit (3 college credits)**

### **Available grades 11/12**

### **HE/PE/EL Credit, graded**

Explores the interrelationship of the five components of physical fitness, nutrition and stress management concepts and activities to increase individual health and wellness.

The lab portion of this class is designed to give ideas for lifelong fitness. We will be doing pre and post testing of your physical fitness. Along with the normal workout, you will be asked to perform certain games and/or activities that you may consider doing for the rest of your life. The goals of this lab is to introduce you to new ways of a longer and healthier lifestyle.

# PHYSICAL EDUCATION

1 credit required of all students

## **PE 08001**

**.5 Credit**

### **Available: Grade 9-12**

### **PE/EL Credit, graded**

This course is designed to enable the student to develop and/or improve his/her loco-motor skills. Students will acquire skills, knowledge, and attitudes necessary for the participation in leisure time activities. We stress desirable social attitudes and safety precautions applicable and development is also stressed.

## **Adaptive PE 080012**

**.5 Credit**

### **Available: Grade 9-12**

### **PE/EL Credit, graded**

This course is designed for regular education students to work with our special needs students to develop and/or improve his/her loco-motor skills. We stress desirable social attitudes, safety and developmental awareness is also stressed. Students must be pre-approved by SPED teachers.

## **Basketball 08013B**

**.5 Credit**

### **Available: Grades 9-12**

### **PE/EL Credit, graded**

Basics of basketball are stressed and taught through the use of videos, drills and practice.

## **Strength Training 08009**

**.5 Credit**

### **Available: grades 9-12**

### **PE/EL Credit, graded**

Strength Training/weights is designed to meet the needs of all students who want to increase their overall personal strength. Training sessions are designed for individual strength levels which allows each student to attain their personal strength potential. Students will lift weights up to 5 days per week in this challenging class.

# COMPUTER

1 credit required of all students

## **Computer Applications 10004**

**.5 Credit**

**Required for all students**

**Available: Grade 9-12**

**Required CP Credit, graded**

This class covers basic and advanced functions of Microsoft Office 2010, including Word, Excel and PowerPoint. Don't just fumble around in these programs... learn how to make them work for you!

## **Computer Design 10203**

**.5 Credit**

**Available: Grades 10-12**

**CP/AL/EL Credit, graded**

Java Programming courses provide students with the opportunity to gain expertise in computer programs using the Java language. As with more general computer programming courses, the emphasis is on how to structure and document computer programs, using problem-solving techniques. Topics covered in the course include syntax, I/O classes, string manipulation, and recursion.

## **Graphics 10202**

**.5 Credit**

**Available: Grades 10-12**

**CP/AL/EL Credit, graded**

Curious about Photoshop? Learn how to use this program to work with existing photos as well as create new unique work. This class also incorporates the learning good design principles and creativity.

## **Media Productions 11055**

**.5 credit**

**Available: Grades 10-12**

**CP/AL/EL Credit, graded**

This course enables students to explore video communications, incorporating both the technical and artistic aspects of video media. Topics covered in the course include the use of video equipment and techniques, and students typically create a video presentation. Advanced course topics may include creating various forms of film media including silent film; sport and music video; music production and editing and self portrait video.

## **Yearbook 11104**

**.5 Credit**

**Available: Grades 11-12**

**AL/CP/EL Credit, graded**

Learn the basic concepts of publishing, balanced coverage of people and events, reporting and writing as well as proofing and editing. You will also learn photography skills, organizing and preparing photos for production. Design, graphics and tools for production will be completed digitally using industry standard software. Advertising sales skills will also be learned and utilized. This is an independent study class and requires teacher approval.

## **AP Computer Science 10019**

**.5 credit each term**

**Available: Grades 11-12**

**AL/CP/EL Credit, graded**

**College Credit may be earned with a passing mark on the AP Computer Science test**

This class designed to parallel college level computer science principles and introduce students to the fundamental ideas of computer science and how to apply computational thinking across multiple disciplines. Covers topics such as communication of information, programming and the internet.

# **CAREER TECHNICAL EDUCATION & Career Pathway Electives**

**3 credits (in any combination) from Foreign Language, Arts or Career Tech Ed**

## **INFORMATION TECHNOLOGIES**

### **Introduction to Business 12051 (TBCC BA101)**

**.5 Credit (3 college credits)**

**Available: Grades 10-12**

**AL/Elective Credit, graded**

In this course you will be introduced to various components of starting and managing a business such as developing a business plan, entrepreneurship, marketing, finance, human resources, etc. *(This class provides preparation for FBLA competitive events.)*

### **Entrepreneurship 12053**

**.5 Credit**

**Available: Grades 10-12**

**AL/Elective Credit, graded**

This course provides students with an introduction to the vast opportunities of small business ownership and start-up ventures, known as Entrepreneurship. Students will learn about the various methods for starting up, managing and financing a new venture. Students will get a chance to evaluate real world business plans and videos of entrepreneurs.

### **Accounting I: A /B 121041**

**.5 Credit each term**

**Available: Grades 11-12**

**AL/Elective Credit, graded**

This class provides entry level accounting systems for small business money management including interpreting source documents, journalizing and posting to ledgers, creating public financial statements, etc. *(This class is an independent study class and students must have teacher permission and be students of good standing)*

### **Accounting 2: Available as an Independent Study 121042**

**.5 Credit each term**

**Prerequisite: Accounting 1 A/B**

### **Financial Planning 19262**

**.5 Credit**

**Available: Grades 11-12**

**AL/Elective Credit, graded**

This course gives you the necessary skills to handle your financial affairs. Learn about financial goal setting, budgeting, bill paying, savings and investments, using financial services, credit and debt, insurance, et *(This class provides preparation for FBLA competitive events.)*

### **Music Technology 10204**

**.5 Credit**

**Available grades 10-12**

An introduction to music technology software and hardware, focused on basic acoustics, digital audio, and MIDI sequencing. Lab activities will place an emphasis on the operation and components of the typical MIDI and digital audio lab (software and hardware). Students will complete independent projects in areas such as digital audio, music notation, and MIDI sequencing. Students will discover and utilize online platforms for marketing, promoting, and selling their music projects, including social media and online streaming services.

*Students who complete 4 classes of the following are considered CTE completers and will be given an additional exam used for CTE reporting purposes:*

*Computer Applications, Computer Design, Graphics, Media Productions, Audio Technology, Intro to Business, Accounting, Financial Planning and AP Computer Science*

## **INDUSTRIAL & ENGINEERING SYSTEMS (Construction Trades CTE Program)**

### **Wood Tech I, WoodTech 2 170061/170062**

**.5 Credit**

**Prerequisite:** None

**Available:** 9-12

**CTE/Elective, Graded**

Woods: Tech I is an introduction to basic woodworking. Students will receive instruction in safe and proper operation of a variety of woodworking tools and equipment. Students will develop skill and learn technique while constructing several individual woodworking projects.

### **General Construction 17002**

**.5 Credit**

**Prerequisites:** Wood Tech I,

**Available:** Grades 10-12

**CTE/Elective Credit, Graded**

General Construction is a class designed for sophomores and juniors to help them gain the basic knowledge of construction vocabulary, math and the fundamental principles that govern how buildings are erected. Students will construct small projects in the classroom. The class will also cover essential facts and figures for many aspects of residential construction.

### **Small Engine Repair 20110**

**.5 Credit**

**Prerequisite:** none

**Available:** Grades 10-12

**CTE/Elective, Graded**

Small Gas Engines is a hands-on course where students will study the various systems involved in utilizing internal combustion engine technology. Each student will have the opportunity to completely disassemble and rebuild a small gas engine.

### **Construction Trades A/B 17049**

**.5 credit**

**Pre-requisite:** Wood Tech, General Construction

**Available:** Grades 11-12

**CTE/Elective, Graded**

Construction Trades is an ideal course for students who expect to earn their living in one of the building trades, as a pathway towards engineering or architecture, or for students who want to learn home-building techniques/skills for personal use. This unique course involves working off-campus as a team to construct a home or building project in our local community. Content includes: foundations, framing, electrical, plumbing, HVAC, drywall and finishing. In addition to meeting the pre-requisites, interested students should be dependable, honest, hardworking and able to cooperate as part of a team.

### **Welding 13207 (TBCC WLD 111)**

**.5 Credit/4 college credits**

**Prerequisite:** Wood Tech 1

**Available:** Grades 10-12

**CTE/Elective, Graded**

Covers uses, safety, nomenclature, equipment operation, set-up and shutdown procedures and welding-related math and science for Shielded Metal Arch Welding and Oxy-acetylene cutting.



**These classes held at Tillamook High School**

## HUMAN RESOURCE ELECTIVES

### **Child Development 19052**

**.5 Credit**

**Available: Grades 10-12**

**AL/EL Credit, Graded**

Provides students with knowledge about the physical, mental, emotional and social growth and development of children from birth through childhood. Main topics include the fundamentals of working with infants, toddlers, and older children; providing healthy environments; evaluating child care settings; and the practices, regulations and opportunities in the child care industry. This course also provides students with practical experience in a child care center.. Students may also participate in a practicum experience at the Neah-Kah-Nie pre-school program after taking this class.

### **Foods 16054**

**.5 Credit**

**Available: Grades 9-12**

**AL/EL Credit, Graded**

Food is fundamental to life. Not only does it feed our bodies, but it's often the centerpiece for family gatherings and social functions with friends. In this course, you will learn all about food including food culture, food history, food safety, and current food trends. You'll also learn about the food service industry and try your hand at preparing some culinary delights. Through hands-on activities and in-depth study of the culinary arts field, this course will help you hone your cooking skills and give you the opportunity to explore careers in this exciting industry.

### **Coaching Sports 08018**

**.5 Credit**

**Available: Grades 10-12**

**AL/EL Credit, graded**

Coaching courses emphasize the responsibilities, duties, and problems in training and instructing athletes and athletic teams. Course topics typically include principles of behavior, teaching, physical and mental training, team management, and the care and prevention of injuries. Different coaching philosophies, outcomes, and styles may also be covered.

## STEM/ENGINEERING ELECTIVES

### **Robotics 21009**

**.5 credit**

**Available : Grades 9-12**

**AL/Elective, Graded**

Robotics courses help students develop and expand their skills and knowledge of robotics and related scientific and engineering topics. May include principles of mechanics, electronics, hydraulics, pneumatics, and programmable logic controllers. This course emphasizes the use of engineering principles to design and build robots, construct and connect sensors, and program robots in the programming language.

### **Engineering Design 21006**

**.5 credit**

**Available : Grades 9-12**

**AL/Elective, Graded**

This course offer students experience in solving problems by applying a design development process. Using solid modeling computer design software, students develop, analyze, and test product solutions models as well as communicate the features of those models.

### **Electronics 17101**

**.5 credit**

**Available : Grades 9-12**

**AL/Elective, Graded**

Explores and offers instruction in the theory of electricity and in the terminology, skills, and safety procedures common to careers involving electricity and electronics. Topics include (but are not limited to) Ohm's law, electrical equipment, and wire systems.

## ADDITIONAL ELECTIVES

*The following elective opportunities are open to juniors and seniors in good standing or with special permission from administration. Students of good standing are defined as follows:*

- ◇ 2.5 gpa or better
- ◇ Good attendance (90% or better),
- ◇ No expulsions or suspensions during the previous term

### **Community Service 22104**

**.5 Credit**

**Prerequisite:** Administrative Approval, parent consent

**Available:** Grades 11-12

**EL Credit**

**Pass/No Pass**

Students will partner with a community agent to participate in a contextual learning experience. Activities will provide students the opportunity to demonstrate their proficiency in a community setting. The agency and type of experience will depend on the interest of the student and the learning objectives that will be agreed upon at the time of the application. For every 65 hours that a student interns within a trimester, a .5 credit of community service credit can be earned. Students may earn up to 1.5 credits of this elective credit during each trimester or during summer break. Course credit will be based upon students contact time in the agency and completion of identified learning objectives. Grade will be dependent upon input from the agency, attendance and the degree of success in meeting objectives. This course may be a paid or unpaid learning experience depending on the actual student experience. Paperwork is available from the Counseling Center.

### **Work Experience 16098**

**.5 Credit**

**Prerequisite:** Administrative Approval, parent consent

**Available:** Grades 11-12

**Elective Credit**

**Pass/No Pass**

Many students in high school work at jobs after school and on the weekends. For every 65 hours that a student works within a trimester, a .5 credit of work experience credit can be earned. Students may earn up to 1. credit of work experience during each trimester or 1.5 credits during summer break. In addition, students must complete the written work experience curriculum to earn initial credit. A student evaluation will be required from each work supervisor. Work experience applications and coursework are available in the Counseling Center.

### **Speech IS 01151**

**.5 credit**

**Available:** Grades 11-12

**EL credit, Pass/No Pass**

Students will practice and hone the art of public speaking. Assignments and lessons will cover multiple different kinds of speeches such as expository, persuasive, impromptu, and dramatic. This is an independent study class and students must have permission from the teacher.

### **Business & Marketing IS 12997**

**.5 credit**

**Available:** Grades 11-12

**EL credit, Pass/No Pass**

Students will be able to focus on projects of interest in the business and marketing fields. Must have teacher permission.

## ADDITIONAL ELECTIVES

### **Peer Tutor 22995**

**.5 Credit**

**Prerequisite:** Administrative and Teacher Approval, parent consent

**Available:** Grades 11-12

**Elective Credit**

**Pass/No Pass**

Students tutor others in a variety of classes. Tutoring is monitored by classroom teacher. Evaluations are completed each grading period. No more than 1 Peer Tutor period allowed per trimester.

### **Teacher's Assistant 19995**

**.5 Credit**

**Prerequisite:** Administrative and Teacher Approval, parent consent

**Available:** Grades 11-12

**Elective Credit**

**Pass/No Pass**

Students assist classroom teachers in preparation of materials, correcting of work, classroom set-up and a variety of other clerical/custodial duties. Students may assist younger students. No more than 1 TA period per trimester is allowed. *Allowed only as it fits in career interest areas.*

### **Elementary/Middle School TA 19995GS/19995MS**

**.5 Credit**

**Garibaldi /Nehalem Elementary, Neah-Kah-Nie Middle School**

**Prerequisite:** Administrative and teacher approval, Parent consent

**Available:** Grades 11-12

**Elective Credit**

**Pass/No Pass**

Students assist classroom teachers in preparation of materials, correcting of work, classroom set-up and a variety of other clerical/custodial duties. Students should be dependable and responsible. High School students assist elementary students. Must provide own transportation. *Allowed only as it fits in career interest areas.*

### **Pre-school Teacher Assistant 19995PS**

**.5 Credit**

**Pre-requisite:** Passing grade in Child Development and teacher approval

**Available:** Grades 11-12

**EL Credit, Pass/No Pass**

The preschool practicum provides students with an opportunity to gain experience with early childhood education. High school students participating in a preschool practicum will be responsible for some or all of the following tasks: delivering pre-planned instruction to small groups of students, providing one on one instruction or support to targeted students, providing additional supervision during class time, recess, and snack, and preparing materials for the classroom teacher and students. Must provide own transportation.

### **Library Assistant 22053**

**.5 Credit**

**Prerequisite:** Administrative and Librarian consent

**Available:** Grades 11-12

**Elective Credit**

**Pass/No Pass**

This course is designed to teach Library Skills and Library Management. The student will learn to check out, process, replace, display, locate, and classify materials. Students will "adopt" a section of the library, and create a plan to improve the quality of that section. Students will create display materials such as book displays and bookmarks. Students will assist library patrons in finding appropriate materials. Students will be involved in many activities to help ensure that the library runs in a smooth and efficient manner. *Allowed only as it fits in career interest areas.*