

# 2020-2021

# STAYTON HIGH SCHOOL



## CURRICULUM GUIDE

STAYTON HIGH SCHOOL

NORTH SANTIAM SCHOOL DISTRICT 29J

2020-2021

## TABLE OF CONTENTS

TABLE OF CONTENTS .....	1
FORECASTING AND SCHEDULING INFORMATION .....	2
GRADING.....	3
GRADUATION REQUIREMENTS.....	4
STANDARD 4-YEAR PLAN .....	5
HONORS DIPLOMA .....	6
COLLEGE ADMISSON REQUIREMENTS .....	7
NCAA ELIGIBILITY REQUIREMENTS.....	7
COLLEGE CREDIT OPTIONS.....	8
PATHWAYS.....	9
COURSE DISCRIPTIONS.....	17
THE ARTS/COMMUNICATIONS .....	17
BUSINESS/FINANCE/TECHNOLOGY .....	20
FOREIGN LANGUAGE.....	22
HEALTH/PE.....	23
INDUSTRIAL TECHNOLOGY .....	25
LANGUAGE ARTS.....	27
MATHEMATICS .....	30
MISCELLANEOUS COURSES.....	33
SCIENCE .....	35
SOCIAL STUDIES.....	39
SPECIAL PROGRAMS.....	42
INDEX.....	44

## FORECASTING AND SCHEDULING INFORMATION

Students select their high school courses for the next school year during the spring with the help of their counselors, guide group teachers, and parents. Students should have a parent/guardian's signature. Counselors and teachers will provide students with forecasting materials. In selecting courses to the following year, students must:

- Check prerequisites and those courses requiring teacher approval, signatures, or applications.
- Check credit options.
  - Courses that students may repeat for elective credit (i.e. team sports) have designations in the index.
- Obtain teacher and parent signatures, where required, before returning the forecasting sheet.
- Choose a minimum of 4 alternate elective classes in case first choice electives are unavailable.
  - Some elective classes may not be taught due to under-enrollment, others will have more students sign up than space available, and others may not fit into a student's schedule due to conflicts.
  - If students do not provide sufficient alternate electives, they will be scheduled into an open class they did NOT choose.
- Enroll in a total of 7 credits (seniors must have a minimum of 4 classes per semester unless administrative and/or counselor approval is given).

### Class Changes

Students should be careful in choosing classes during forecasting as few changes are allowed and only for legitimate reasons, such as:

1. Incomplete Schedule
2. No prerequisite for a course on the schedule
3. Already received credit for a course on the schedule
4. Placement change

Students are not allowed to change their schedule because they failed to adequately research course descriptions or turned in an incomplete forecasting sheet during forecasting. If a student requests a specific class on the forecasting form, they will not be able to make changes after the semester begins.

### Dropping Classes

Students may request to drop a class during the first 3 school days of the semester. Before requesting a change, read the legitimate reasons above. After this date, changes will be made by counselor, teacher, and admin discretion only. After 2 weeks, the drop may result in the student receiving an "F" in the class for the semester and must be approved by an administrator.

## GRADING

Students will be given grades at the end of each 18-week semester, which are entered on the official transcript. Each letter carries a numerical value. The average of all numerical values is the student's GPA. Letter grades are given the following numerical values (subject to change see student handbook or your counselor):

<b>A</b>	4.0	<b>D</b>	1.0
<b>B</b>	3.0	<b>F</b>	0
<b>C</b>	2.0		

### Alternative Education

Stayton High School provides students an alternative means to complete their education apart from the regular classroom program. District residents between the ages of 13 and 19 who have not completed a high school diploma or equivalent can enroll in Stayton High School's Alternative Education Program. Several different options exist for Alternative Education, so the first contact should be the counseling office at the high school.

### Outside Credit

You are allowed to transfer in credits from outside schools and universities to add to your transcript. It is highly recommended that all coursework be approved through your counselor prior to taking the course. This way we can ensure credits will transfer as you intend. If you ask for credits to be transferred after taking a course, credit may not be awarded on your high school transcript. Here are how college credits transfer to high school credits. This same pattern is followed for Early College students.

<b>College/University Credits</b>	<b>High School Transcript Equivalency</b>
1-2 unit credits	.25 credits
3-4 unit credits	.5 credits
5 unit credits	1.0 credit

### Early College High School

Early college is a dual-enrollment opportunity for students from Stayton High School to attend Chemeketa Community College full-time. They will be taking college courses to meet high school requirements. Students may take advantage of this opportunity only during their junior or senior year. Stayton High School will cover tuition and books for students admitted into the program. Students must apply through their counselor in the spring to be considered for fall of the following year. Not all who apply will be able to attend.

### Guide Group Curriculum

Students are automatically placed into a Guide Group class upon enrollment at Stayton High School. This course addresses college and career related topics including resumes, job shadowing, social/emotional topics and more. This satisfies the state of Oregon's requirement for Personalized Learning (Education Plan & Profile, Career Related Experience, and Extended Application). Students receive 0.25 credits per semester for satisfactory participation in the course. Participation in the graduation ceremony may be tied to the completion of specific elements within this course.

# GRADUATION REQUIREMENTS

## Required Coursework

Stayton High School Diploma and State of Oregon High School Diploma

Subject Area	Number of Courses
English / Language Art	4 credits
Mathematics	3 credits (Algebra 1 and above for all 3 credits)
Social Sciences	3 credits (1 credit of Global Studies, 1 credit of US History, .5 credit of American Government, .5 credit of Economics)
Science	3 credits (1 credit each of Physics, Chemistry, Biology)
Physical Education	1 credit
Health	1 credit
Applied Arts or Fine Art or World Languages, or CTE	3 credits
Personal Finance	0.5 credit
Electives	7.5 or 5.5 credits (Stayton Oregon vs. Standard Oregon Diploma)
	Includes High School Success and 2 credits of Guide Group
<b>Total</b>	<b>26 SHS Diploma / 24 Standard Oregon Diploma</b>

Modified Diploma

Subject Area	Number of Courses
English / Language Arts	3 credits
Mathematics	2 credits
Science	2 credits
Social Sciences	2 credits (1 credit of Global Studies, 1 credit of US History)
Physical Education	1 credit
Health	1 credit
Applied Arts or Fine Art, World Languages, or CTE	1 credit
Electives	12
<b>Total</b>	<b>24</b>

### Evidence for Extended Application Standards

- Participation in Guide Group (GG) Curriculum
- One Career-Related Learning Experience (CRLEs) per year
- Career-related Portfolio created Senior Year during GG

### Essential Skills

- Meet in Reading
- Meet in Mathematics
- Meet in Writing

## Early Graduation

It is a clear expectation that students remain in school for four years. However, recognizing that there are unique circumstances, some students may want to complete high school in less than four years. To do this, students must meet all graduation requirements for their original graduating class. Students must submit their request in writing, including a transition plan and reason for request.

## STANDARD 4-YEAR PLAN

### FOUR YEAR HIGH SCHOOL PLAN

<b>GRADE 9</b>	<b>REQUIRED COURSES</b>	<b>CREDITS</b>	
	English 1	1.0	
	Mathematics**	1.0	
	Physics	1.0	
	Physical Education	.5	
	High School Success	.5	
	Health 1	.5	
	Electives/Applied Arts+	2.5	
	Guide Group	.5	
	TOTAL		7.5
<b>GRADE 10</b>	<b>REQUIRED COURSES</b>	<b>CREDITS</b>	
	English 2	1.0	
	Global Studies	1.0	
	Chemistry	1.0	
	Mathematics**	1.0	
	Physical Education	.5	
	Electives/Applied Arts+	2.5	
	Guide Group	.5	
	TOTAL		7.5
<b>GRADE 11</b>	<b>REQUIRED COURSES</b>	<b>CREDITS</b>	
	English 3	1.0	
	US History	1.0	
	Mathematics**	1.0	
	Biology	1.0	
	Personal Finance	.5	
	Health 2	.5	
	Electives/Applied Arts+	2.0	
	Guide Group	.5	
	TOTAL		7.5
<b>GRADE 12</b>	<b>REQUIRED COURSES</b>	<b>CREDITS</b>	
	English 4	1.0	
	American Government	.5	
	Economics	.5	
	Electives (amount needed will vary)	5.0	
	Guide Group	.5	
	TOTAL		7.5

+There are 3 credits in the Applied Arts category required for graduation. This includes any Fine Art, Foreign Language, and/or CTE courses.

\*\*To earn a Standard Diploma (Stayton or Oregon), all 3 math credits must be at Algebra 1 level and higher.

## HONORS DIPLOMA

*Students who intend on going to college after graduation should consider an Academic Honors Program.*

To graduate with Academic Honors, a student must:

1. Have **10 credits** in courses designated College Prep (see list below).
2. Have a Grade Point Average (**GPA**) of **3.50** after 7 semesters.
3. Have a **minimum of five (5) graded classes** each term for four years.
  - a. This does NOT include Pass/ No Pass classes (Teacher Aide, Peer Tutor, Guide Group, etc.).
4. Have an English (LA/WR) class **every** term (except Early College students).
5. Attend high school for **eight complete semesters**.
6. To be eligible for the title of Academic Top Ten, Valedictorian, or Salutatorian a student must have been in good behavioral standing through all 4 years of high school.

The Academic Honors Board, consisting of two counselors, the principal and no less than two teachers, will designate College Prep classes. The courses will be reviewed each year and will change as curriculum dictates. The Academic Honors Board will review the curriculum of transfer students to determine eligibility.

Designated College Prep Courses	Credit Available	Credit Earned	Designated College Prep Courses Continued	Credit Available	Credit Earned
Advanced Accounting	1.0		Foreign Language (any)	4.0	
Advanced Global Studies	1.0		Human Body Systems	1.0	
AP Psychology	1.0		Organic Chemistry	1.0	
AP US History	1.0		Statistics	1.0	
Algebra II	1.0		Writing 115, 121, 122	1.0	
Advanced Art	1.0		All Honors or AP courses	Varies	
<i>CAD 3-4</i>	<i>1.0</i>		Pre-approved classes taken off campus	Varies	
College Algebra/Trig	1.0				
Advanced Physics	1.0				
<i>Communications</i>	<i>0.5</i>				
Edu 2: Teacher Cadet	0.5				

College Prep credit will not be counted toward Academic Honors for any class taken before ninth grade. Students must take ten credits of college prep classes during grades 9-12.

College Prep credit can be authorized for certain classes that are taken at an accredited college or university with prior consent of a counselor as long as all above requirements (1-5) are also met.

*To receive the **Valedictorian** and **Salutatorian** distinction students must earn an honors diploma. Students with the with the two highest GPA's OR all students tied for the highest GPA and meeting the requirements will be selected. Valedictorian, Salutatorian, and Academic Top 10 will be determined based on 7<sup>th</sup> semester grades.*

## COLLEGE ADMISSON REQUIREMENTS

The following requirements are for Oregon Public Universities. Most private colleges/universities and some state schools in other states have higher admission standards than those given above. Students and parents/guardians are encouraged to obtain specific information from the colleges they are considering. This information can usually be found on websites. Work with your counselor to make sure you are meeting these requirements.

<b>English</b>	(4 credits)	
<b>Mathematics</b>	(3 credits)	Algebra 1, Geometry, and Algebra 2 or higher.
<b>Science</b>	(3 credits)	1.0 credit of each of a Life Science (Biology) & Physical Science (Chemistry, or Physics).
<b>Social Sciences</b>	(3 credits)	
<b>Foreign Language</b>	(2 credits)	The same foreign language for both years. (other ways of meeting this requirement exist)

In addition to the course requirements, an applicant to any state university must achieve a certain GPA (which varies by the school) and must take at least one of the college admission tests: SAT and/or ACT. A core class with a “D” on a transcript will not be accepted.

## NCAA ELIGIBILITY REQUIREMENTS

### DIVISION 1:

A student must graduate high school and meet **ALL** the following requirements:

- Complete 16 core courses:
  - Four years of English
  - Three years of math (Algebra 1 or higher)
  - Two years of natural/physical science (including one year of lab science if your high school offers it)
  - One additional year of English, math or natural/physical science
  - Two years of social science
  - Four additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy
- Complete 10 core courses, including seven in English, math or natural/physical science, before their seventh semester. Once the student begins their seventh semester, they may not repeat or replace any of those 10 courses to improve their core-course GPA.
- Earn at least a 2.3 GPA in your core courses.
- Earn an SAT combined score or ACT sum score matching their core-course GPA on the Division I sliding scale, which balances test scores and core-course GPA. If the student has a low test score, they need a higher core-course GPA to be eligible. If they have a low core-course GPA, they need a higher test score to be eligible.

### DIVISION 2-3:

Requirements are slightly different, check with your counselor for more information.

You must register to be eligible. Website: [www.eligibilitycenter.org](http://www.eligibilitycenter.org)

## COLLEGE CREDIT OPTIONS

Stayton High School is in partnership with various programs to award college credit. These programs are College Credit Now (CCN), Willamette Promise (WP), Linn-Benton Community College, and AP courses through College Board. CCN credit is issued through Chemeketa Community College. Willamette Promise credit is issued through Western Oregon University. Students also have an opportunity to gain college credit by mastering AP exams and receiving certain scores set by their enrolling institution.

### Items to Note:

- College credit is awarded based on student performance. The teacher of the specific course will make the final determination regarding the college grades and credit granted based upon the student's competency of each standard in the course. College credit will not be awarded if satisfactory grades are not achieved.
- AP credit awarded varies based upon institution and score(s) received by the student. Oregon public institutions award credit to scores of 3 or higher.
- In most cases, these credits can be transferred to public colleges in Oregon. Students going to private or out-of-state colleges should contact the specific colleges to determine if credit is transferable.
- Instructions on how to register will be provided by teacher if credit is to be awarded.
- There will be a fee for these credits. They vary by year and program. Speak with the teacher for a current list of prices. You may not be able to pay in advance as credit is determined by the teacher if competency is met by the student.

**Courses and fees are subject to changes made by the high school or partner program.**

<b>Stayton High School Course</b>	<b>College Equivalency</b>	<b>Credit</b>	<b>Institution Issuing Credit</b>
Advanced Accounting	BA115	3	Chemeketa (CCN)
Advanced Art		varies	AP course
AP Psychology	PSY 201	4	AP course
AP US History		varies	AP course
Algebra II	MTH95	4	Western Oregon (WP)
<i>AP Environmental Science</i>		<i>varies</i>	<i>AP course</i>
AP Literature		3	AP course
AP Calculus A/B		varies	AP course
College Algebra	MA111	5	Western Oregon (WP)
Health Occupations	BI109	2	Oregon Tech (WP)
Human Body Systems	BI103, BI200	3,2	Oregon Tech (WP)
Introduction to Business	BA101	3	Chemeketa (CCN)
Introduction to Education	ED100		
Software Applications	CA121	3	Chemeketa (CCN)
Spanish 3 & 4, Heritage Spanish 1 & 2	SPN 101-103, 201-203	4 each	Western Oregon (WP)
Education 2: Teacher Cadets	ED105	3	Chemeketa (CCN)
Writing 115-121 & 121-122	WR115,WR121,WR122	9	Chemeketa (CCN)

## PATHWAYS

The goal of the SHS career pathways option is to expose students to career related curriculum in one of the following subjects. Students who complete the requirements of the pathway will have experience in both classroom and career activities.

In order to complete the pathway, students will do the following:

1. Complete the required SHS courses, plus one optional course (from SHS or the online catalog).
2. Complete at least one career experience with a minimum of 20 hours of experience.
3. Complete a senior project/presentation. This will require students to present what they have done for their pathway, and what they have learned, to administration. See counselor or administrator for presentation format information.

### Recognition

Students who complete the pathway will potentially receive a note on their transcript, a note in the graduation program, and a unique cord to wear at graduation.

### **2019-2020 Career Pathway Options**

<b>Pathway</b>	<b>Graduation Cord Color</b>
Agriculture	Green
Biomedical	Red
Business	Brown
Education	Light Blue
Emergency & Public Service	White
Manufacturing and Construction	Silver
STEM	Black

## Career Pathway: **AGRICULTURAL SCIENCE**

Much of Oregon's economy is in some way related to agriculture. Students on this pathway will understand the science and ecology that is so critical to the nation.

In order to fulfill the pathway, students will need to complete the following courses, as well as a 20-hour practicum which will give students industry experience in the field. In spring of their senior year, students who have completed the pathway will present what they have done and learned to a small group, including school administration and counseling.



### **Complete 3 credits using the following options:**

- Intro to Agriculture (REQUIRED FOR PATHWAY) (0.5)
- Food Science and Processing (0.5)
- Chemistry (1.0)
- Plant Science (1.0)
- Animal Science (1.0)
- Agribusiness (0.5)
- AP Environmental Science (1.0)

## Career Pathway: **BIOMEDICAL SCIENCE**

Biomedical pathway careers options include: Medical doctor, nursing, forensic scientist, microbiologist, therapist, pharmacist, and/or any career in the medical field.

The biomedical science pathway is designed to give students an opportunity to learn and experience science through the fields of biology and medicine. The heart of the pathway is the Project Lead the Way curriculum, which will give students opportunities to be exposed to a wide variety of medical professions, instruments, technology, and more through four year-long, experiential classes. The former “health occupations” pathway will transition into this pathway, as seen below.



In order to fulfill the pathway, students will need to complete the following courses, as well as a 20-hour practicum, which will give students industry experience in the medical field. In spring of their senior year, students who have completed the pathway will present what they have done and learned to a small group, including school administration and counseling.

### **Option 1:**

#### **Successfully complete 3 of the following PLTW courses:**

- Principles of Biomedical Science
- \*Human Body Systems
- Medical Interventions (begins 2020)
- Biomedical Innovation (begins 2021)

### **Option 2:**

#### **Complete 2 of the 4 Biomedical Pathway courses:**

- Principles of Biomedical Science
- Human Body Systems
- Medical Interventions (begins 2020)
- Biomedical Innovation (begins 2021)

#### **And compete 1.0 credit in the following options:**

- Organic Chemistry (1.0)
- \*Health Occupations (0.5 to 1.0)

\*Oregon Tech credit available through Willamette Promise

## Career Pathway: **BUSINESS**

This pathway allows students to gain experience to concepts surrounding business, to learn the skills needed to work in business, and to gain experience that will help them prepare for this competitive field.

In order to fulfill the pathway, students will need to complete the following courses, as well as a 20-hour practicum which will give students industry experience in the field. In spring of their senior year, students who have completed the pathway will present what they have done and learned to a small group, including school administration and counseling.



### **Complete 3.0 credits among the following courses:**

- Intro to Business (.5) (REQUIRED FOR PATHWAY)
- Software Applications (.5)
- Accounting (.5)
- Advanced Accounting (.5-1.0)
- Sociology (.5)
- Office Intern (.5)
- Psychology/AP Psychology (.5-1.0)

### **Online Course Options (Students may take one of these as a part of the pathway)**

- Business Law (y)
- Business Marketing (y)
- Critical Workplace (y)

## Pathway: **EDUCATION**

**NEW for 2020-21.** This pathway is for students interested in entering the field of education. Careers include K-12 school teacher, CTE teacher, preschool teacher, school counselor, instructional assistant, school administrator, college professor, business trainer, and more.

In the spring of their senior year, students who have completed the pathway will present what they have done and learned to a small group, including school administration and counseling.



### **Complete ALL of the following courses:**

- Introduction to Education (.5) – new for 2020
- \*Education 2: Teacher Cadets (.5) (new for 2020, includes practicum time in classrooms)
- Sociology (.5)
- Psychology/AP Psychology (.5/1.0)
- Teacher Intern (.5) (new for 2020)

*\*College Credit Available through Chemeketa/College Credit Now*

## Career Pathway: **EMERGENCY AND PUBLIC SERVICE**

The pathway is designed for students interested in first responder work (police, fire, EMT), as well as social services (law, counseling, and social work). Students going into these fields will need to know the law, how to work with the public, and specific industry skills.

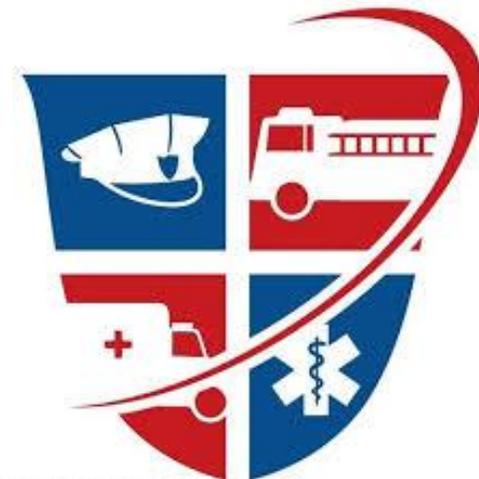
In order to fulfill the pathway, students will need to complete the following courses, as well as a 20-hour practicum which will give students industry experience in the field. In the spring of their senior year, students who have completed the pathway will present what they have done and learned to a small group, including school administration and counseling.

### **Students need to compete 3.0 credits using the following courses:**

- Intro to Law (.5) (Required for Pathway) (New for 2020)
- Forensics (.5)
- Current Events (.5)
- Sociology (.5)
- Psychology/AP Psych (.5/1.0)
- Health Occupations (.5)
- Principles of Biomedical Science OR Human Body Systems (1.0)

### **ONLINE (BYU) (students can take one of these as a part of the pathway)**

- Careers in Criminal Justice
- Criminology: Inside the criminal mind
- Drug Use and Abuse



## Career Pathway: **MANUFACTURING AND CONSTRUCTION**

There is a documented national and local shortage of workers who can demonstrate skills in this field. Student will understand both the practical and career skills needed to enter the workplace prepared and confident, as they will have hands-on opportunities to learn and use these skills.

In order to fulfill the pathway, students will need to complete the following courses, as well as a 20-hour practicum which will give students industry experience in the field. In spring of their senior year, students who have completed the pathway will present what they have done and learned to a small group, including school administration and counseling.

### **Compete 4 credits using the following classes:**

Manufacturing 1 (1.0)  
Ind. Manufacturing (1.0)  
Advanced Manufacturing (1.0)  
Fabrication 1 (1.0)  
Woods 1-2 (1.0)  
Construction (home building) (2.0, double-blocked class)  
*CAD or Engineering 1 (.5)*  
*Construction Geometry (1.0)*



## Career Pathway: **STEM (Science, Technology, Engineering, Mathematics)**

Students on this pathway will work to understand how science and technology shape our world. These courses will help prepare students for emerging fields in technology and engineering...some of which have jobs which do not even exist yet, but will!



In order to fulfill the pathway, students will need to complete the following courses, as well as a 20-hour practicum which will give students industry experience in the field. In spring of their senior year, students who have completed the pathway will present what they have done and learned to a small group, including school administration and counseling.

### **Compete 3.5 credits using the following courses:**

College Algebra/Trigonometry OR Statistics (1.0) (REQUIRED)

AP Calculus AB/BC (1.0)

AP Environmental Science (1.0)

Coding\* (.5)

CAD\* or Engineering 1 (0.5)

Chemistry (1.0)

Student Tech/Helpdesk (.5 to 1.0)

Web Page Design (.5)

Video Productions\* (.5)

### **Online Course Options** (You may take 1 of these as a part of your pathway)

C++ programming (a)

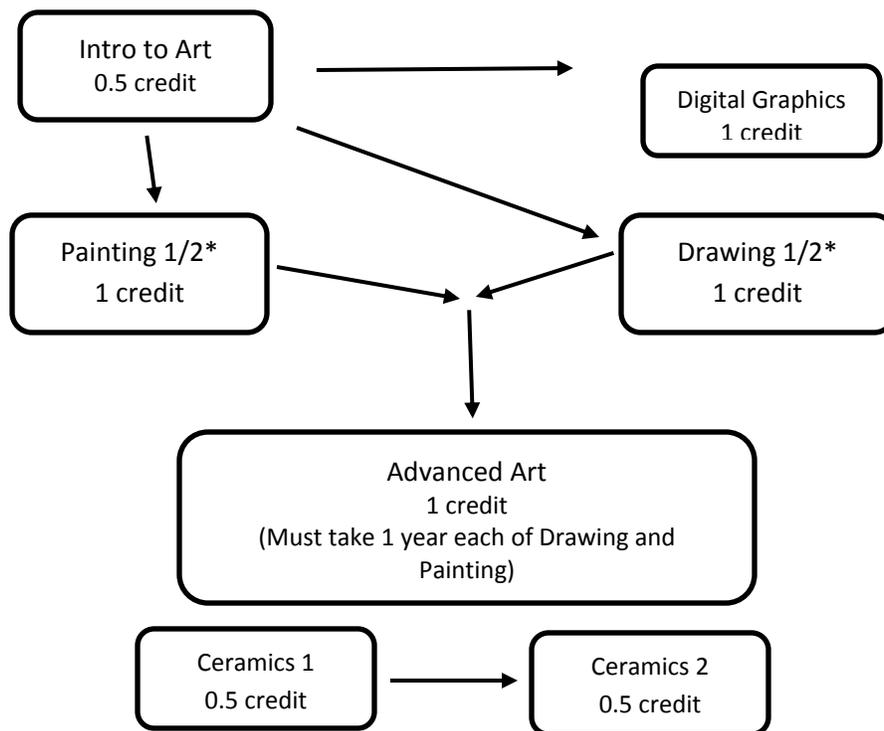
Programming I- VB.NET (a)

Programming II- JAVA (a)

Game Design (a)

## COURSE DISCRIPTIONS

### THE ARTS/COMMUNICATIONS



\*Courses can be retaken once more for Applied Arts credit.

### Course Descriptions

#### Advanced Art

1 Credit Grades: 12  
 Prerequisites: Intro to Art (Art 1), Drawing Plus, Painting & Teacher Approval  
 Recommended: Ceramics Fee Required  
 This class is intended for the highly motivated artist. Advanced art involves considerable amounts of time both in and out of class. Students focus on work in a variety of media (drawing, painting, sculpture and a variety of 2 and 3 dimensional art activities) that is designed to guide their growth and personal development in the visual arts. Admission to the class must be given by the instructor and will be based on the student's current portfolio of previous work and grades. Students in this class are eligible to apply for AP Art credit. Taught concurrently with Drawing+ or Painting.

#### Ceramics 1

0.5 Credit Grades: 9-12  
 Prerequisites: None Fee Required  
 Using a wide variety of techniques such as coil, slab, pinch, wheel and casting, the students will create functional and sculptural forms out of clay. The students are expected to demonstrate a sincere commitment to design and craftsmanship. Cultural themes will enhance the scope and depth of the class as well as provide opportunities for cross-curricular studies.

#### Ceramics 2

0.5 Credit Grades: 9-12  
 Prerequisites: Ceramics I/teacher approval (Schmidt) Fee Required  
 This is an independent study class in the ceramic studio where the students produce mainly wheel-thrown and some hand-built pieces. Students will learn about basic glaze formulation and other advanced techniques.

### **Digital Graphics**

1.0 Credit Grades: 10-12  
Prerequisites: Art 1 or Intro to Art Fee Required  
Digital Graphics is a course where concepts and techniques that digital artists use for a career in visual communications is taught. Students learn basic design principles, some photography using personal electronic devices and school supplied cameras, typography, and how to produce a digital work of art. Projects include editing photographs, manipulating type, and creating graphic images using graphics tablets. Students are introduced to Adobe Photoshop and other graphic software.

### **Drawing Plus 1/2**

1 credit Grades 10-12  
Prerequisites: Intro to Art (Art 1) Fee Required  
Can be taken twice for AA credit  
In this class students will explore a variety of media, style, subject matter and techniques. Drawing is the bulk of the class but not the full extent. Other topics included may be printmaking, 3D Design and other media.

### **Family and Consumer Science 1**

0.5 Credit Grades: 10-12  
Prerequisite: None  
Like to eat? Want to know how to demonstrate basic sewing skills? This is the class for you. Students in Family and Consumer Science (FACS) will be exploring topics related to basic cooking, survival sewing and basic auto maintenance. Much of this class is project based and will include many hands on activities. This class will help you to prepare for the “real” world!

### **Family and Consumer Science 2**

0.5 Credit Grades: 11-12  
Prerequisite: FACS 1  
This is an extension of FACS 1. We will begin by sewing your own apron and then let the cooking begin! The class will focus on meal planning and preparation. We will be working in teams to create nutritional and delicious meals that can be created in a limited time to help with our busy lives. The final exam will mimic a Chopped competition.

### **Intro to Art**

0.5 Credit Grades: 9-12  
Prerequisites: none Fee Required  
This course replaces Art 1 as the introductory course. This is an initial one-semester art class covering fundamental art concepts, skills and vocabulary. This class is a prerequisite for all art classes taken at SHS (with the exception of ceramics). Students who transfer can have this class waived with a recommendation from a previous art teacher and a portfolio which shows understanding and aptitude.

### **Painting 1/2**

1 credit Grades: 10-12  
Prerequisites: Intro to Art (Art 1) Fee Required  
Can be taken twice for AA credit  
Students will gain experience with multiple techniques. From hard-edged non-blended paintings to interactive canvasses or painting on solid panel or canvas. Students will have experiences like stretching and priming their own canvasses, and concentration on display and presentation of their own work.

### **Concert Choir**

1 Credit Grades: 10-12  
Prerequisites: Solo audition & teacher evaluation (AJ)  
Can be retaken for AA or EL credit  
The concert choir will sing literature from all eras of music encompassing sacred and secular music. This group will be the “competing choir” for all OSAA events. There will be at least two scheduled performances during the school year.

### **Young Voices**

1 Credit Grades: 9-12  
Prerequisites: None  
Can be retaken for AA or EL credit  
Young Voices is open to all female students’ grades 9-12. This class will cover a wide range of music including barbershop for women (Sweet Adeline’s), folk, pop, classical and contemporary. There will be at least two performances scheduled during the school year and there is an option to participate in pop/jazz festivals.

### **Jazz Ensemble**

1 Credit Grades: 9-12  
Prerequisites: Audition & teacher evaluation (Fulks)  
Can be retaken for AA or EL credit  
This is a zero period course. The emphasis of the class is on big band, be-bop, fusion, Latin, rock and swing-style notation characteristic of jazz literature. Elements of music theory, music history, and composition will also be included.

### **Percussion Ensemble**

0.5 Credit Grades: 9-12  
Prerequisites: Teacher approval (Fulks)  
Can be retaken for AA or EL credit  
Percussion Ensemble is a class designed to promote and develop musical performance on various percussion instruments, including but not limited to snare drum, drum set, marching percussion, timpani, marimba, and percussion instruments from other cultures. The students will study and apply percussion performance concepts, to several different styles of music, from pop and classical to music of native origin. Think Blue Man Group. The class is open for beginning, to advanced students.

### **Symphonic Band**

1 Credit

Grades: 9-12

Prerequisites: Audition & teacher evaluation (Fulks)

Can be retaken for AA or EL credit

This class consists of individuals seeking a unified concept of instrumental music performance and instruction in an aesthetic atmosphere, learning various styles of band repertoire and technique. Elements of music theory, notation, music history, and composition will also be included.

### **Advanced Acting**

0.5 Credit

Grades: 10-12

Prerequisites: Theater 1 & Teacher approval (Conley)

Can be retaken for AA or EL credit

Advanced Acting is designed for students who love to perform and are committed to creating quality dramatic performances.

### **Technical Theater**

0.5 Credit

Grades: 9-12

Prerequisites: None

Can be retaken for AA or EL credit

This course focuses on the application of stage and performance principles of design, construction, and operation of scenery, sound, lighting, make-up, costume, props, and stage management. Students may elect to choose design areas that appeal most to their individual talents for the major design project in this class.

Students will work with paints and construction material and work clothes should be brought to class on days when this will be occurring. All students are expected to participate in the production of Stayton High School's drama department productions.

### **Theater 1**

0.5 Credit

Grades: 9-12

Prerequisites: None

Can be retaken for AA or EL credit

Theater I is an introduction to theater arts. The course is designed to introduce students to acting and theater-related skills. Improvisation and teamwork will be the focus of the course.

### **Yearbook**

1 Credit

Grades: 10-12

Prerequisites: Application Process

Can retake for EL credit

This course is designed to produce a high-quality yearbook, which the students of Stayton High School will enjoy for many years to come. By-products of this class include improved writing and organizational skills, knowledge of photography, practical knowledge of computers and publishing software, and development of teamwork skills. **\*Do not forecast for this course! Selected students will be placed accordingly.**

## BUSINESS/FINANCE/TECHNOLOGY

### Course Descriptions

#### Accounting 1

0.5-1 credit Grades: 9-12

Prerequisites: recommended- Intro to Business

Can be taken twice for AA credit

If you are interested in owning your own business or working in the business world then this class is a "must have". Accounting 1-2 will give students an understanding of the basic accounting procedures used to operate a business. The accounting procedures presented will also serve as a sound background for employment in office jobs and preparation for studying business courses in college. This class is taught in a "Business Lab" environment where multiple subjects are being learned. Students are expected to work independently within their subject area.

#### Advanced Accounting

1 Credit Grades: 10-12

Prerequisites: Accounting 1 twice

College Credit Available

"Accounting II" Accounting gave students the opportunity to learn the entire accounting cycle for a service business and for a merchandising business, students also learned about subsidiary ledgers and payroll records. Advanced Accounting will incorporate Excel with the same principles and teach a variety of other concepts such as Uncollectible Accounts, Plant Assets and Depreciation, Inventory Control, Notes Payable and Interest, Accrued Revenue and Expenses, End-of-Fiscal-Period Procedures, Partnerships, International and Internet Sales. Learn corporate accounting which includes special journals, depreciation, inventory, notes and interest. This class is taught in a "Business Lab" environment where multiple subjects are being learned. Students are expected to work independently within their subject area.

#### Introduction to Business

0.5 Credit Grades: 9-12

Prerequisites: None

College Credit Available

This course is designed to introduce students to the various career opportunities and fields available in the world of business. Upon completion of the course students will be able to demonstrate an understanding of basic principles the business environment, entrepreneurship, Marketing, Management, and Finance. Students enrolled in the class will also have the opportunity to assist in managing the student store and earn college credit through the College Credit Now Program.

#### Personal Finance

0.5 Credit Grade: 11<sup>th</sup>

Required for 11<sup>th</sup> graders

A required course designed to inform students of their various financial responsibilities and provide them with the skills to survive in today's competitive consumer based society. Upon completion of this course students will be able to demonstrate an understanding of the following: employee pay and benefit systems, state and federal income taxes, budgeting, checking and banking services, wise credit practices, housing, insurance, job application and interviewing, consumer protection, and purchasing decisions.

#### Software Applications

0.5 Credit Grades: 9-12

Prerequisites: None

College Credit Available

This is a course designed to familiarize students with the advanced features of Microsoft Office 2013 including Word, Excel, and PowerPoint. This class is taught in a "Business Lab" environment where multiple subjects are being learned. Students are expected to work independently within their subject area.

#### Student Tech/Helpdesk

1.0 Credit Grades 11-12

Prerequisite: Application process

Can retake for EL credit

Students in this class will be given a chance to learn hands-on skills in technology administration. To this end, they will learn to handle and address actual school and district technology needs, with the assistance of district staff. This includes such things as hardware and software updates and maintenance, network troubleshooting, and more. Students will also have an opportunity to learn basic coding skills while in this course. This is a semester long course with the opportunity to repeat. **\*Do not forecast for this course! Selected students will be placed accordingly.**

**Web Page Design**

0.5 Credit

Grades: 9-12

Prerequisites: None

Can retake for EL credit

The student will learn the basics of using HTML and CSS to design and maintain a web page on the World Wide Web. In addition, students will become familiar with healthy use of the internet and World Wide Web. They will learn to research, cite search results, keep up to date using RSS, and will learn to properly share information. Students will be able to create a basic web page that includes text, and graphics. College Credit Now opportunity available. This class is taught in a "Business Lab" environment where multiple subjects are being learned. Students are expected to work independently within their subject area.

# FOREIGN LANGUAGE

## Course Descriptions

### French 1\*

1 Credit

Grades: 9-11

Prerequisites: None

French 1 is an exploration of the French language and the cultures of the French-speaking world. In this course, you will begin to learn French by studying and practicing French. The function of the language will be the focus. All topics of study will be put into practice. By the end of the course, you will have mastered: greetings, numbers, time and money, family vocabulary, ordering food, AND the list goes on!

### French 2\*

1 Credit

Grades: 10-12

Prerequisites: French 1

French 2 is a continuation of the exploration of the French language and the cultures of the French-speaking world. In this course, students will continue the study of French. Students will practice communicating through speaking, listening, reading, and writing. The focus of instruction will be the various functions of the language, including communicating with friends, ordering in restaurants and shopping, participating in leisure activities, performing daily activities, and vacationing.

### Heritage Spanish 1\*

1 Credit

Grades: 9-12

Prerequisites: Teacher Approval

College Credit Available

Students can retake this class for AA/EL credit.

Designed for Heritage and Native Spanish Speakers, this course will focus on fine-tuning academic Spanish skills. There will be an emphasis on reading and writing in the language, while also incorporating opportunities for speaking, listening, and grammar development. The end goal is to be academically both bi-lingual and bi-literate.

### Heritage Spanish 2\*

1 Credit

Grades: 10-12

Prerequisites: Heritage Spanish 1

College Credit Available

A continuation of Heritage Spanish 1. Designed for Heritage and Native Spanish Speakers, this course will continue to fine-tune academic Spanish skills. There will be an emphasis on reading and writing in the language, while also incorporating opportunities for speaking, listening, and grammar development. The end goal is to be academically both bi-lingual and bi-literate.

### Spanish 1\*

1 Credit

Grades: 9-11

Prerequisites: None

Are you ready to learn another language by role playing real life situations like: introducing yourself to others, describing yourself and your family, naming animals, telling time, describing your classes, describing your activities, giving personal information, and many other important phrases in Español!!! You will be introduced to the language through a lot of vocabulary, grammar, oral, and culture practice. Learn about the culture of many Spanish speaking countries while you listen, read, write, and speak Español.

### Spanish 2\*

1 Credit

Grades: 9-12

Prerequisites: Spanish 1

Spanish 2 is a continuation of exploring, learning, and using Spanish in everyday activities. Here you will learn how to order in a restaurant, human body parts, how to ask and give directions, and many other helpful phrases that will help you in any situation that will require the use of Español. You will also learn how to speak in different tenses, which will open many more doors in the Spanish speaking world.

### Spanish 3\*

1 Credit

Grades: 10-12

Prerequisites: Spanish 2

College Credit Available

This course is designed for native and advanced speakers. It will focus on culture and communication. It will also focus on current events in the Spanish-speaking countries and is intended to be a course with advanced language use.

### Spanish 4\*

1 Credit

Grades: 11-12

Prerequisites: Spanish 3

College Credit Available

Spanish IV is for serious native and advanced speakers. In this course you will continue to explore the Spanish language and culture. This course will focus on advanced reading, writing, and conversation. Taking this course will prepare you for higher college Spanish courses. Depending on the demand, this course might be joined with Spanish 3.

*\*Four Year Colleges require that students get a C or better on all core classes including foreign languages.*

# HEALTH/PE

## Course Descriptions

### Health 1

0.5 Credit Grades: 9th  
Required for 9<sup>th</sup> graders

Health is a mandatory course offered to students at the freshman level. A semester of health fulfills half of the required health requirement for graduation from high school in the State of Oregon. It is Part I of a comprehensive course that covers subjects from self-esteem and mental health to physical health issues ranging from healthy to addictive behaviors.

### Health 2

0.5 Credit Grades: 11th  
Prerequisites: Health 1 or equivalency

Health II is a mandatory course offered to students at the junior level. A semester of Health II fulfills the complementary portion of the health credit need for graduation. It is Part II of a comprehensive course that covers subjects from self-esteem and mental health to physical health issues—ranging from healthy to addictive behaviors.

### Advanced Athletics

0.5 Credit Grades: 10-12  
Prerequisites: Participate in SHS sponsored athletics

Can retake for PE/EL credit

Advanced athletics is a course that has been developed to meet the demanding physical requirements needed to compete in varsity level athletics at Stayton High School. The class is tailored to help Student Athletes of all sports, male & female, get the conditioning needed to help reduce their risk of injury, enhance athletic abilities, and develop power and explosiveness needed to perform at a higher athletic level. This class is graded on the Student/athlete's ability to push themselves, be on task, and strive to meet their athletic potential.

### Aerobic Fitness

0.5 Credit Grades: 10-12  
Prerequisites: Beginning Activities or Conditioning 1

Can retake for EL credit

This course is designed to give students the opportunity to learn about the body's physiological response to exercise. Students will participate in a variety of aerobic and strength conditioning activities. The core aerobic conditioning modes will include Step Aerobics, (Turbo Jam©), and basic cardiovascular endurance activities.

### Beginning Activities

0.5 Credit Grades: 9<sup>th</sup>  
Satisfies 9<sup>th</sup> Grade PE credit requirement.

This course is designed for students to improve personal physical development through competitive team games and individual activities. Cardio/Respiratory training is also included. It is designed to be an overview of a wide variety of activities and general conditioning. This semester long class satisfies .5 of the PE credit for graduation, as well as being a prerequisite for most elective PE classes. All Oregon Department of Education state standards for Physical Education will be addressed in this class.

### Conditioning 1

0.5 Credit Grades: 9-12  
Satisfies 9<sup>th</sup> Grade PE credit requirement.

This semester long course is designed to reach all areas of physical fitness. Students will benefit from developmental resistance training, cardiovascular training, speed and agility training, and plyometric training. This class is designed to meet the needs of individuals who are participating in sports and those who simply want to improve their overall physical fitness, as well as satisfying .5 credit towards the graduation requirement for physical education in the State of Oregon.

### Conditioning 2

0.5 Credit Grades: 10-12  
Prerequisites: Conditioning 1 or Adv. Athletics

Can retake for EL credit

This course is designed to reach all areas of physical fitness. As a class we will benefit from weight lifting, cardiovascular training, sprint workouts, and plyometric training. This class is designed to meet the needs of individuals who are participating in sports and those who simply want to improve their overall physical fitness. Individual workout programs will be utilized to meet the needs of individual students.

**Lifetime Activities**

0.5 Credit,

Grades: 9-12

Prerequisites: none

This semester long course can satisfy .5 credit towards the graduation requirement for physical education in the State of Oregon. It is designed to provide exposure and practice to a number of activities that can be participated in for a lifetime. Horseshoes, Ladder Golf, Frisbee Golf, Tennis, Fitness Walking, and Endurance Challenges are some of the activities used to develop an understanding of the importance of an active lifestyle.

**Stress Management**

0.5 Credit

Grades 11-12

Prerequisites: none

Feeling stressed and overwhelmed? Come and learn how to work through that stress using breathing techniques, meditation, mindfulness and other ways of reducing stress in our daily lives so we can focus on achieving your goals! *This is for elective credit only.*

**Team Sports**

0.5 Credit

Grades: 10-12

Prerequisites: Beginning Activities or Conditioning 1

Can retake for EL credit

This course is designed for those individuals who are HIGHLY MOTIVATED, and are ABLE TO FUNCTION IN A COMPETITIVE ENVIRONMENT. There will be a wide range of activities that will be performed in team oriented games. This course will also require students to condition at least one day each week and to learn specific skills required for the cooperative games.

# INDUSTRIAL TECHNOLOGY

## Course Descriptions

### Advanced Manufacturing A

1.0 Credit Grades: 10-12  
Prerequisites: Manufacturing 1 & Fabrication 1  
College Credit Available  
Can retake for EL credit

This course is half of a two credit series, these courses do not need to be taken in any order. This course builds on the skills already learned in the basic Manufacturing and Fabrication classes. The major emphasis of the course is centered on learning select skills of the following: MIG welding, TIG Welding, lathe operations, mill operations, and CNC machining. Students will continue to build skills used in industry. There are required projects and students will pay for any extra project materials. Offered every other year. **\*NOT OFFERED IN THE 2020-2021 SCHOOL YEAR\***

### Advanced Manufacturing B

1.0 Credit Grades: 10-12  
Prerequisites: Manufacturing 1 & Fabrication 1  
College Credit Available  
Can retake for EL credit

This course is half of a two credit series, these courses do not need to be taken in any order. This course builds on the skills already learned in the basic Manufacturing and Fabrication classes. The major emphasis of the course is centered on learning select skills of the following: MIG welding, TIG Welding, lathe operations, mill operations, and CNC machining. Students will continue to build skills used in industry. There are required projects. Students will pay for any extra project materials. \*Offered every other year.

### Fabrication 1

1 Credit Grades: 9-12  
Prerequisites: None  
College Credit Available

This course introduces students to different welding processes used in industry. Students will learn basic shop safety, how to work in a shop environment, the basics gas welding with oxy-acetylene, stick weld, mig weld, and tig weld. Students will have basic weld samples that are required. Several teacher-selected projects will be made by students that they may take home. Students will pay for any extra project materials.

### Independent Studies Manufacturing

0.5 -1 Credit Grades: 11-12  
Prerequisites: Advanced Man A & B (can be taken concurrently)  
College Credit Available  
Can retake for EL credit

This class is for students that want to work on an independent basis to build skills in a more specific manufacturing area. Students work on assigned projects and approved projects of their design. Students will be able to specialize in any of the follow areas:

**Independent Studies: Mnfcting Processes**

**Independent Studies: GMAW Welding**

**Independent Studies: SMAW Welding**

**Independent Studies: GTAW Welding**

**Independent Studies: Master CAM**

**Independent Studies: Project Fabrication**

### Manufacturing 1

1 Credit Grades: 9-12  
Prerequisites: None  
College Credit Available

This course introduces students to different manufacturing processes. Students will learn the basics of shop safety, how to work safely in a shop, and the basics of hand tool work, sheet metal work, drill press, lathe and mill operations, foundry work, and automated manufacturing. There will be required projects that students will make that they can take home. Students will pay for any extra project materials.

### Small Engine Repair

0.5 Credit Grades: 10-12  
Prerequisites: None

In this one-semester hands on course, students will have a chance to learn the basics of internal combustion engines. By the end of the term, students will be able to understand the systems well enough to diagnose and fix possible problems with engines, and will also be able to apply their knowledge to larger engines. The course also covers basic automotive topics, like changing oil, changing a tire, how to safely lift a car, and how brakes work.

## **Construction**

2 Credits (2 periods each semester)      Grades: 11-12  
Prerequisites: Woods I, application process  
Can retake for EL credit      Fee Required  
Students in this class will have a chance to see and work on the building of an actual residential home in Stayton. Students will be “blocked” into this course for two consecutive periods. This course is designed to assist the student in acquiring and developing the basic skills necessary for a career in construction. It will cover construction skills, equipment safety and operation. Blueprint reading and drawing are also involved. **\*Do not forecast for this course! Selected students will be placed accordingly.**

## **Woods 1**

1 Credit      Grades: 9-12  
Prerequisites: None      Fee required  
This is a course that introduces students to the basics of woodworking. Students will be using basic hand tools, power hand tools and stationary power tools. Safety is a priority. Students will be making projects that are to be taken home.

## **Woods 2**

1 Credit      Grades 10-12  
Prerequisites: Woods 1      Fee required  
This course will add to skills learned in Woods 1. Students will be building a small cabinet as the required project and will be allowed to make additional projects as time permits. Students will be learning processes to make drawers, raised panel doors and various other cabinet construction techniques. This class will require the student to purchase supplies and materials throughout the year.

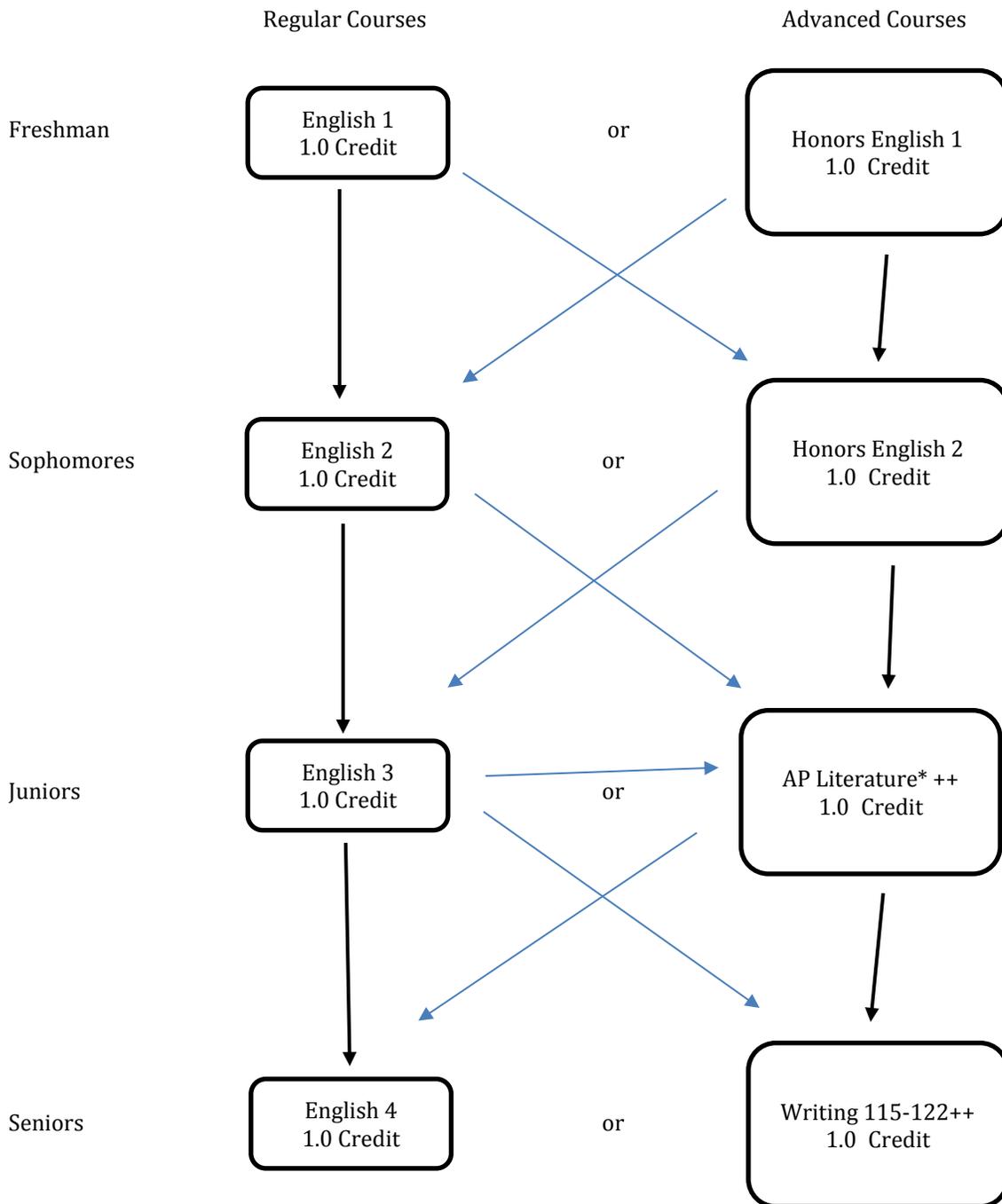
## **Woods 3**

1 Credit      Grades 11-12  
Prerequisites: Woods 1 & 2      Fee required  
Can retake for EL credit  
This course will add to skills already learned in Woods 1 & 2. Students will be working on specific projects as determined by teacher. Students will be learning various processes and construction techniques. This class will require the student to purchase supplies and materials throughout the year.

## **Engineering 1 – Robotics**

0.5 credit      Grades: 9-12  
Prerequisites: None  
This course will provide an introduction to engineering principals and the design process through the design and building of robots. The course will include 3 main units: Simple Machines, CAD, and Electronics & Coding. In each unit, students will work in teams to design and build projects to solve a given problem.

# LANGUAGE ARTS



++ College Credit Course

## Course Descriptions

### AP Literature

1 Credit Grades: 11-12

Prerequisites: None

College Credit Available

This class will prepare students to take the Advanced Placement exam in the spring. Preparation includes a rigorous study and analysis of college-level literature: novels, drama, short stories, and poetry. Depending on the student's score on the optional AP test, he/she can earn 3 or more college credits.

### English 1

1 Credit Grade: 9

Prerequisite: None

This class is a survey of novels, drama, poetry, and graphic novels with emphasis on the skill of reading across all genres, as well as writing and speaking.

### English 2

1 Credit Grade: 10

Prerequisites: None

This class is a survey of the major types of short stories and novels, with emphasis on the skills of reading fiction and nonfiction, writing, and speaking. Students will learn research skills, MLA citations, and to write using textual evidence.

### English 3

1 Credit Grade: 11

Prerequisites: None

This class is a survey of American Literature, focusing on essays and informational texts. Students will focus on English 3 Common Core State Standards with an emphasis on critical reading and thinking, argumentative and expository writing. Students will begin working on pieces for their graduation portfolio.

### English 4

1 Credit Grade: 12

Prerequisites: None

This class is a survey of major types of literature, focusing on novels and emphasizing the skills of reading fiction and non-fiction, writing and speaking. Students will practice critical reading and demonstrate research skills.

### Honors English 1

1 Credit Grade: 9

Prerequisites: None

This class is a survey of the major types of literature (short stories, novels, drama, and poetry) with emphasis on reading fiction, writing analytically, and speaking. As with most college prep courses, students are expected to perform at a high level. Students will contribute to class discussions, take effective notes, and complete homework on time and with care. Students will be expected to complete summer reading prior to the start of class.

### Honors English 2

1 Credit Grade: 10

Prerequisites: None

This class is a survey of the major types of literature (short stories, novels, drama, and poetry) with emphasis on the skills of reading fiction, writing analytically, and preparing students for the rigor of the AP Literature course and AP Literature exam to be taken their junior year. Texts will be of literary merit, and recommended by the AP Board. As with most college prep courses, students are expected to perform at a high level, contribute to class discussions, take effective notes, and complete their homework on time and with care. Students will be expected to complete summer reading prior to the start of class.

### Senior English Essential Skills Lab

0.5 -1 credit Grade: 12

Prerequisites: Counselor Placement

This class is specially designed for seniors who have yet to meet their essential skill requirements in reading and writing. Students will begin the year by identifying his or her own weaknesses and finding strategies to fix these. Throughout the semester students will track improvements until the requirements have been met through state testing or work samples. *For elective credit only*

**Writing 115-121/121-122**

1 Credit

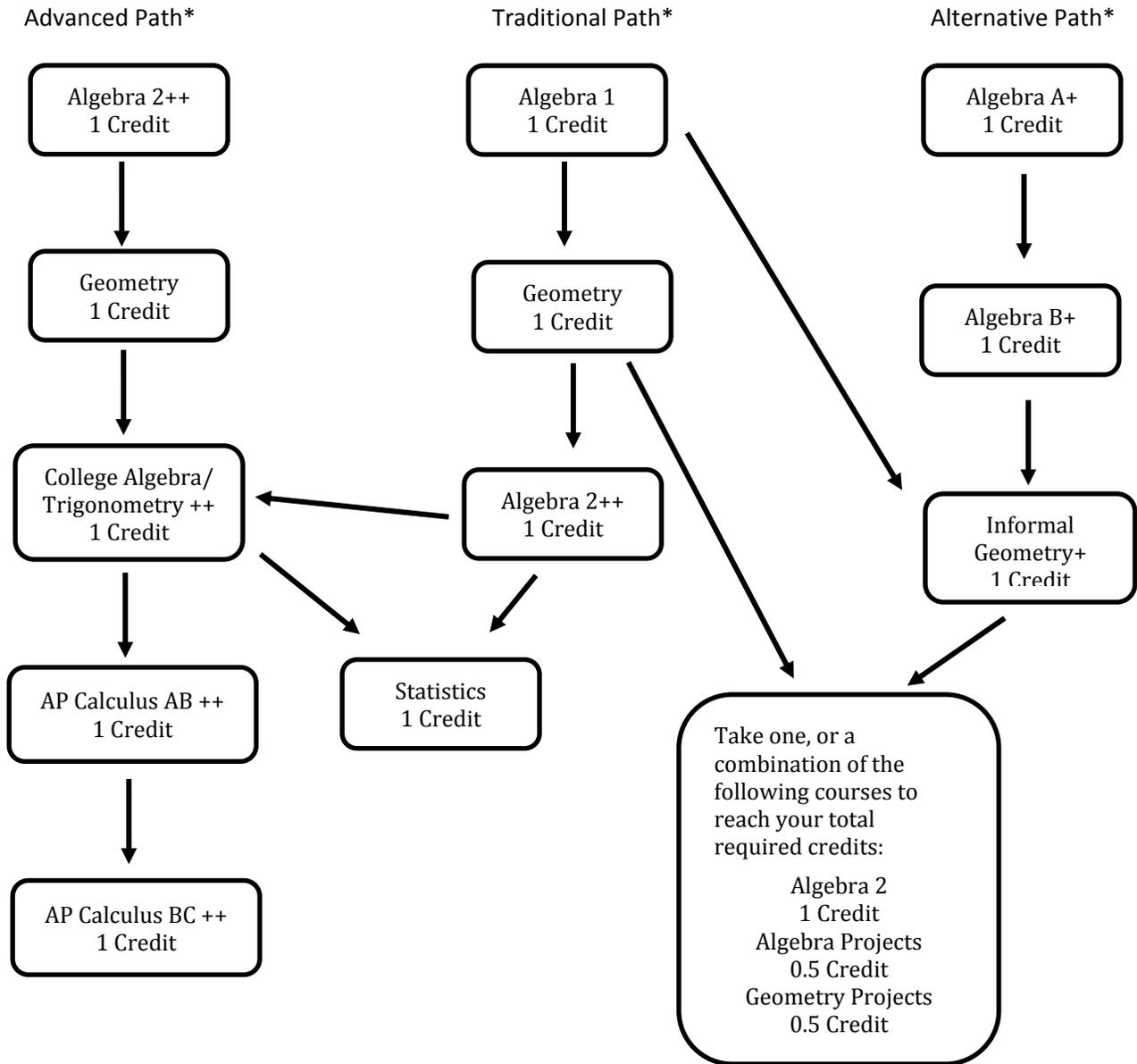
Grade: 12

College Credit Available

Prerequisites: Summer Homework

These college-level English Composition courses follow the Chemeketa course outlines and allow students the opportunity to earn dual credit in high school and at Chemeketa Community College. Students can earn 12 college credits during the school year at a reduced fee. The first term, WR 115, introduces the conventions and skills of college-level writing, emphasizes clear writing and critical reading and thinking, with a focus on college prep work, including scholarship essay writing. The second term, WR 121, emphasizes clear, detailed writing that employs critical reading and thinking, as well as basic researching skills and proper MLA citations. The last terms, WR 122, emphasizes the writing of logical, effective, argumentative prose; use of stylistic elements, including multi-modal writing; awareness and consideration for different audiences; and research and documentation skills, including APA citations.

# MATHEMATICS



\*These are possible paths to satisfy math requirements. More options exist. Please speak to your counselor if you have any questions.

++ College Credit Course

+ Algebra A, B, and Informal Geometry may not be accepted by universities as a math credit. Students starting on the Alternative Path who wish to be 4-year University bound need to notify their counselor as soon as possible.

## Course Descriptions

### Accelerated Geometry

0.5 credit Grade: 10  
Prerequisites: Algebra 2 and Teacher Recommendation  
Students work through Geometry curriculum in one semester rather than the full year. Students will be placed in the class after the beginning of the school year by their current teacher.

### Algebra 1

1 Credit Grades: 9-11  
Prerequisites: none  
This is a basic course in abstract reasoning as it relates to our number system. Topics include variables and variable expressions, integers, solving equations and inequalities, polynomials, rational and irrational numbers, and linear and quadratic functions. Algebra 1 is the prerequisite for all other math courses. You must pass both semesters plus 2 other math classes to graduate.

### Algebra A

1 Credit Grades 9-12  
Prerequisites: Teacher recommendation  
This is a basic course in abstract reasoning, with additional emphasis on state core skills. Topics include variables, variable expressions, real numbers, solving linear equations, statistics, and linear functions. State core skills will also be incorporated into the course (i.e. measurements, probability, and problem solving).

### Algebra B

1 Credit Grades: 10-12  
Prerequisites: Algebra A or equivalent  
This is a basic course in abstract reasoning, with additional emphasis on state core skills. Topics include solving linear equations and inequalities, absolute value, and linear and quadratic functions. State essential skills will also be incorporated into the course (i.e. algebraic relationships, geometry, and probability and statistics).

### Algebra 2

1 Credit Grades: 9, 11-12  
Prerequisites: Algebra I or equivalent  
College Credit Available  
The course is designed to build understanding of the concepts that provide a strong foundation for future courses. The course will connect Algebra to the real world and to other subjects, involve students in exploration and discovery of math concepts and assess student's progress in ways that support learning. The course uses functions as a unifying theme with emphasis on graphing and the relationship between graphs and equations.

### Algebra Projects

0.5 Credit Grades: 10-12  
Prerequisites: Algebra I or equivalent  
This course combines Algebra 1, Geometry and some Algebra 2 skills in solving real-world application problems.

### AP Calculus AB

1 Credit Grades: 11-12  
Prerequisites: Trigonometry  
College Credit Available  
Calculus courses include the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).

### AP Calculus BC

1 Credit Grades: 12  
Prerequisites: AP Calculus AB  
College Credit Available  
An extension of AP Calculus AB with more techniques for Taylor series, parametric equation, integration by parts, polar coordinate function and curve interpolations.

### College Algebra/Trigonometry

1 Credit Grades: 11-12  
Prerequisites: Algebra 2 & Geometry  
College Credit Available  
The College Algebra course examines functions and related inequalities using a graphing calculator. Students will focus on polynomial, rational, exponential, logarithmic and related piecewise defined functions. This course includes a study of the complex number system, the algebra of functions, the applications of functions in sequences and series. High-order linear systems will be solved using a calculator. For Trigonometry it is expected that you understand the theorems, corollaries and postulates from geometry and be able to do rudimentary proofs. It is also expected that you have an understanding of functions, fractions and solving equations by a variety of means as learned in Algebra 2.

### Geometry

1 Credit Grades: 10-12  
Prerequisites: Algebra I or equivalent  
Geometry is the study of the relationships between lines, angles, and other geometric figures. Emphasis is on deductive reasoning and the writing of proofs relating to the logical developments of geometry. Recommended for college bound students.

**Geometry Projects**

0.5 Credit

Grades: 10-12

Prerequisites: Algebra I or equivalent

This class uses geometry concepts and skills to complete projects based on real-life applications.

**Informal Geometry**

1 Credit

Grades: 10-12

Prerequisites: Algebra I or equivalent

This course will develop the basic concepts and the applications of geometry, without the rigors of proof writing. This will include practical applications, problem solving, hands on activities and projects.

**Senior Math Essential Skills (ES) Lab**

0.5 Credit

Grade: 12

Prerequisites: Counselor Placement

This class is specifically designed for seniors who have yet to meet their essential skill requirements in math. Students will begin the year by identifying his or her own weaknesses and finding strategies to fix these. Throughout the semester students will track improvements until the requirements have been met through state testing or work samples. THIS IS NOT FOR MATH CREDIT. THIS IS FOR ELECTIVE CREDIT ONLY.

**Statistics**

1 Credit

Grades: 11-12

Prerequisites: Algebra 2

This is a class designed to introduce probability and statistics. We will address both theoretical problems and explore statistics in our everyday lives. Topics include random samples, organizing data, averages and variation, probability theory, and distributions.

## MISCELLANEOUS COURSES

### Course Descriptions

#### Aide/Assistant Classes

These courses are Pass/No Pass courses. Seniors can aide for a maximum of 2 periods per semester and 4 periods (2 credits) total their senior year. Juniors can aide for a maximum of 1 period per semester and a total of 2 periods (1 credit) their junior year. This is not cumulative. Students earning an honors diploma must be enrolled a minimum of 5 graded (A-F) courses per academic year.

#### Counseling Aide

1 Credit Grades: 11-12

Prerequisites: Applications Process

Counseling will accept one senior student to aide during each school. If interested you must speak with your counselor directly and commit to aiding for the whole year. Duties will include: managing the counseling scholarship page, website, bulletin board, and other duties as assigned. **\*Do not forecast for this course! Selected students will be placed accordingly**

#### Library Aide

0.5-1 Credit Grades: 11-12

Prerequisites: Librarian approval (Harlow)

Can retake for EL credit

Library Aides assist the Librarian in daily library operations. Aides are responsible for shelving materials, creating and maintaining displays, and alphabetizing/sorting materials according to Dewey Decimal and Genre Label systems. Aides may also help repair damaged items, process new books, and help maintain and verify library inventory. Library Aides will learn the skills necessary for entry level work in Public and Academic Libraries.

#### Science Lab Tech

1 Credit Grades: 11-12

Prerequisites: Pass three years of science with a C or above, teacher recommendation, application/interview process.

This class is a specialized aide position in which the student will work with all teachers in the science department. The student will gain work experience for a lab setting beyond what a classroom aide would be able to. They will gain training in chemical safety, equipment inventory and maintenance, lab set up and take down, safe glassware handling, and more. This class would be designed for a senior who is planning to peruse an education or career in a STEM field. This will be a great skill builder and resume builder as many colleges have student jobs in labs that can be competitive to obtain.

#### Teacher Aide

0.5-1 Credit Grades: 11-12

Prerequisites: Teacher approval

Can retake for EL credit Students assist individual teachers with paperwork, errands, duplicating materials, computer entry, word processing, filing, and other tasks as assigned by teacher.

#### Teacher Intern

0.5 Credit Grades 11-12

Prerequisites: Introduction to Education

Offered Semester 2 only

Teacher Intern gives students an opportunity to take "teacher aide" to a whole other level at SHS, and will be a graded class. Students who are enrolled as interns rather than TAs will be graded on specific projects and observations during their in-class experience. While they still may get to make copies and help with other items, they will also have a chance to learn and work with the teacher, and to better understand student assessments, teacher communication, planning, and more.

#### Office Intern

0.5-1 Credit Grades: 11-12

Prerequisites: Office approval

Can retake for EL credit

Office Intern is a class that gives students real experience in an office environment. Students will learn to perform basic and important office work, such as answering phones, filing, sorting, sending messages, basic problem solving, and working with the public in the high school front office. Students who successfully complete this course will also get a letter of recommendation if successful in this environment.

#### Other Classes

#### AVID (9, 10, 11, 12)

1 Credit Grades: 9-12

Prerequisites: Application process

Can retake for EL credit

This course follows the AVID© elective content prescribed by the national AVID© model and standards. This course satisfies the High School Success graduation requirement. **\*Do not forecast for this course! Selected students will be placed accordingly.**

## **Education 2: Teacher Cadet**

0.5 Credit Grades 10-12

Prerequisites: Introduction to Education

Offered Semester 2 only

This course will allow students to explore what it is like to work in education by spending time “in the field.” Over half of our class time will be spent with students working side-by-side with teachers from throughout the school district. Students will have a chance to experience different age levels, to assist students in learning, and to understand the challenges and rewards of a career in the field of education. We will also do career exploration, look at current issues in education, listen to guest speakers, and more.

## **Freshman Focus**

0.5 Credit Grades: 9<sup>th</sup> only

Prerequisites: none (may be placed due to teacher recommendation)

This fun and interactive class teaches students skills needed to be successful in high school. This could include study skills, note taking skills, etc. Students should take this class if they want a ‘leg-up’ in high school. At the end of this course students will be ready to tackle the challenges of high school. This course satisfies the High School Success graduation requirement.

## **Introduction to Education**

0.5 Credit Grades 9-12

Prerequisites: none

Offered Semester 1 only

This course examines the teaching profession and the American educational system as a whole. We will answer questions around what it is really like to be a teacher, what makes an effective teacher, careers in education, what the future of education looks like, the challenges/current issues of public education, education in the US vs. other systems, understanding brain theory, and more. We will work to gain a deeper understanding of education from preschool to college, and where you might fit into them in the future.

## **High School Success**

0.5 Credit Grades: 9<sup>th</sup> only

Required (for Class of 2023 and beyond)

This class is designed to help students be successful in high school. Students will learn collaboration, team work, ethics, organizational, and computer skills for classroom success. Other activities include career exploration and grade checks.

## **Leadership (ASB)**

1 Credit Grades: 9-12

Prerequisites: Hold elected or appointed office

Can retake for EL credit

This course is for elected and appointed student body officers. The purpose of the course is to develop and encourage leadership skills and to plan and prepare for ASB sponsored events. **\*Do not forecast for this course! Selected students will be placed accordingly.**

## **Off Campus Classes**

### **Work Experience**

0.5-2 credits Grades: 11-12

Prerequisites: Counselor Approval

Can retake for AA or EL credit up to 4 credits total

To earn .5 credits a student must work 75 documented hours and have the job for the entire semester/year. To earn 1 credit a student needs to work 150 documented hours and have the job the entire semester. Students are required to complete assignments as a key piece of this course. The assignments are related to the CTE career strand of their job. (Family member cannot supervise students.) **\*Do not forecast for this course! Speak with your counselor if interested.**

## **Non-Credit Classes**

### **Alt Ed**

0 Credit Grades: 9-12

Prerequisites: Counselor approved only

Attendance is taken. Alt Ed is a period for students who need an alternative placement or need credit recovery. Students will work on credits online, only credits completed will be on the transcript.

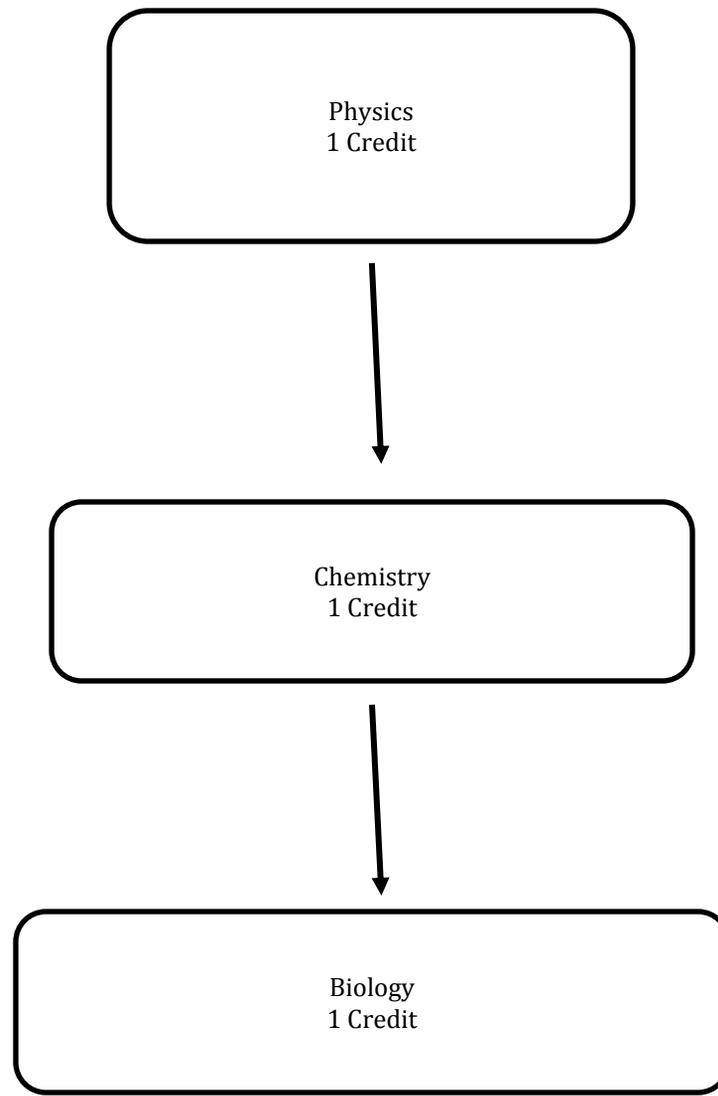
### **Study Hall**

0 Credit Grades: 9-12

Prerequisites: Counselor approved only

This study period earns no credit. Attendance is taken. This is a period for student to work on homework. Students can only be placed in this course through their counselor or an administrator. **\*Do not forecast for this course!**

## SCIENCE



## Course Descriptions

### Advanced Physics

1.0 Credit

Grades: 11-12

Prerequisites: Physics, Biology & Algebra 2

Advanced Physics is a 36-week course designed to prepare students for the rigors of college study. Physics is a powerful way to investigate the universe; in this class we will cover moving objects, energy, waves, light, sounds, heat, magnetism, and electricity. Course work will emphasize practical laboratory experiments as well as the development of problem-solving skills and laboratory reports. There is also an opportunity for students to complete CIM Benchmark Scored Assignments in the areas of Scientific Inquiry.

### Agribusiness Management

1 Credit

Grades: 10-12

Prerequisites: Intro to Agriculture

A course that combines economics principles of business with sales, management, and service skills. Economic principles will include supply/demand, fix/variable costs, time value of money, market, business management, and price forecasting. Students will be expected to complete a farm or small business plan. Addresses areas of career development events Ag Marketing, Ag Issues and Floriculture. Sales units will include human relations, personal inventory, careers, sales presentations, customer relations, marketing, purchasing. **\*Offered every three years.**

### Animal Science

1 Credit

Grades: 10-12

Prerequisites: Intro to Agriculture

This 36 week course is structured to Focus on the Animal Science industry. Students will participate in hands-on projects and activities to explore the fundamentals of animal Science, small animal, livestock, poultry and wildlife. Students will learn how to feed and care for animals, work on projects and problems similar to those that animal science specialists, such as veterinarians, Livestock producers, or business representatives face in their respective careers. Students will also be eligible to participate in FFA which provides opportunities to travel, participate in contests and gain leadership skills.

**\*Offered every three years. \*NOT OFFERED IN THE 2020-2021 SCHOOL YEAR**

### AP Environmental Science

1 Credit

Grade: 12

Prerequisites: Biology

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

### Biology

1 Credit

Grade: 11

Prerequisites: Physics & Chemistry (graduation requirement)

This is a 36-week course covering the basics of biology. This course will be spent covering topics such as chemistry, classification, cell biology, genetics, human systems, and ecology. This course includes dissections as part of the curriculum. We can provide alternatives to the dissections of invertebrate or vertebrate animals, if requested. Students will be provided with opportunities to develop their cooperative learning skills and their critical thinking skills.

### Biomedical Interventions

1 Credit

Grades: 12

Prerequisites: Medical Interventions

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent project with a mentor or advisor from a university, medical facility, or research institution. **\*NOT OFFERED IN THE 2020-2021 SCHOOL YEAR**

### Chemistry

1 Credit

Grade: 10

Prerequisites: Physics (graduation requirement)

This 36-week college preparatory course covers topics in chemistry such as atomic structure, the patterns within the periodic table of elements, and how atoms bond to form compounds. Laboratory exercises, discussions and group activities will be employed to illustrate these topics.

### Food Science and Processing

0.5 Credit

Grades: 9-12

Prerequisites: None

In this 18 week class, students will learn about food safety and processing. Food science is the study concerned with all technical aspects of food, beginning with harvesting and ending with its cooking and consumption. Students will learn about food quality and safety, nutrition and research, food processing, and current trends in the food industry. A chance to obtain a food handlers card will be available. There will be guest speakers and presenters along with lab activities and possible field trips. Students will also be eligible to participate in FFA which provides opportunities to travel, participate in contests and gain leadership skills.

### **Forensic Science 1**

0.5 Credit

Grades: 9-12

Prerequisites: None

Forensic science is the application of science to the law. Science offers the knowledge, understanding and technology needed for definition, enforcement, and clarification of the use of evidence in criminal and civil cases. The course focus will be on problem solving. Students will be expected to work in teams, hypothesize, design experiments, research forensic methodologies, synthesize information, and make conclusions based on empirical evidence. Forensic scientists work as part of a team, therefore, cooperation is an essential skill. Course work will include: Historical foundations of forensic science, evidence collection, fingerprints, impressions evidence, hair and fiber evidence, glass fracture evidence and basic firearms evidence. **THIS IS NOT FOR SCIENCE CREDIT. THIS IS FOR ELECTIVE CREDIT ONLY.**

### **Health Occupations**

0.5 Credit

Grades: 9-12

Prerequisites: Teacher Approval

This course is designed to initiate students' interest into the various aspects of the health care field. Emphasis is placed on the development of basic skills and knowledge including healthcare history, qualifications, healthcare systems, ethical and legal issues, confidentiality, professionalism, human needs, and employability skills. Special guest speakers from various healthcare occupations share their own career path with students on a regular basis. **THIS IS NOT FOR SCIENCE CREDIT. THIS IS FOR ELECTIVE CREDIT ONLY.**

### **Human Body Systems**

1 Credit

Grades: 10-12

Prerequisites: None

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

### **Introduction to Agriculture**

0.5 Credit

Grades: 9-12

Prerequisites: None

Introduction to Agriculture is an 18 week class that explores the basic concepts and techniques used in the agriculture community including agriculture, forestry and natural resources. Subjects include Oregon crop production, farm safety, animal science, FFA, current issues in agriculture and various other topics fit for the class. There will be guest speakers and presenters along with lab activities and possible field trips. Students will also be eligible to participate in FFA, which provides

opportunities to travel, participate in contests and gain leadership skills.

### **Medical Interventions**

1 credit

Grades: 11-12

Prerequisites: Human Body Systems

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. **New for 2020/2021!!**

### **Organic Chemistry**

1 Credit

Grades: 11-12

Prerequisites: Chemistry

The themes for this course are the physical parameters of our world and universe. This is a laboratory-based class; the basic concepts of the class are expanded during these partnered activities. Organic Chemistry is a college prep course. Organic Chemistry is the study of the composition of matter and the changes of this matter that can be seen every day. Coursework will emphasize practical laboratory experiments, hands-on activities, as well as the development of problem-solving skills, cooperative learning skills, and critical thinking.

### **Physics**

1 Credit

Grades: 9

Prerequisites: none (graduation requirement)

This year long required course is designed to cover the basics of earth science and physics. Students will be provided with opportunities to develop their cooperative learning skills and their critical thinking skills.

### **Plant Science**

1 Credit

Grades: 10-12

Prerequisites: Intro to Agriculture

This Course is designed to engage students in hands-on laboratories and activities to explore the world of plant science. Students' experiences will involve the study of plant anatomy, nutrition, greenhouse management, and plant propagation. Students will explore hands-on projects and activities to learn the characteristics of plant science and work on major projects and problems similar to those of plant science specialists, such as a botanist, greenhouse management, and other industry personnel.

**\*Offered every three years \*NOT OFFERED IN THE 2020-2021 SCHOOL YEAR**

**Principles of Biomedical Science**

1 credit

Grades: 9-12

Prerequisites: none

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

# SOCIAL STUDIES

## Required Courses

Freshman

**No Required Social Studies courses  
9<sup>th</sup> grade year**  
Freshman can take an elective if they choose:  
Current Events  
Wild West

Sophomores

Adv. Global Studies  
1.0 Credit

Global Studies  
1.0 Credit

Juniors

AP US History++  
1.0 Credit

or

US History  
1.0 Credit

Seniors

Government  
0.5 Credit  
and  
Economics  
0.5 Credit

**Electives:**  
Current Events  
Wild West  
WWII and Holocaust  
Sociology  
Psychology  
AP Psychology++  
History of Rock Music  
Intro to Law

Key:

+ += College credit course

## Course Descriptions

### Advanced Global Studies

1 Credit Grades: 10-12  
Prerequisites: none (meets grad requirement)  
Advanced Global studies provides an in depth focus on learning about the global society we live in, both past and present. Students will learn about the people, events, geography, political landscape and changes that have shaped each region, as well as learning about current issues. Modern history (the 20th Century) will be a focus of the course, with an emphasis on analyzing historical events that cause major events of the 20th Century, using a multitude of sources such as primary and secondary documents, videos and sound clips. This course will emphasize understanding of how our global society functions and preparing student for the rigor of honors and college classes.

### Advanced Placement (AP) US History

1 Credit Grades: 11-12  
Prerequisites: none (meets grad requirement)  
College Credit Available  
This course is an in depth survey of United States history, from the pre-colonial period to modern day with an emphasis on the 20<sup>th</sup> century. Students who take this course will be prepared for the AP US History test in the spring. Emphasis will be placed on connecting social, cultural, and political themes of US History. The use of primary documents, supplemental readings, essay writing, and historical analysis will enhance the learning and understanding of our history, while preparing students for the rigor of college academics.

### American Government

0.5 Credit Grade: 12<sup>th</sup>  
Prerequisites: none (grad requirement)  
This course is designed to study the structures of American Government, and to understand the role government plays in the lives of Americans daily. The class will focus on the development of the nation's founding documents, the three branches of government, 1<sup>st</sup> Amendment freedoms, comparative political systems, elections, politics, and current issues facing the nation.

### Advanced Placement (AP) Psychology

1 Credit Grades: 10-12  
Prerequisites: none  
College Credit Available  
AP Psychology is designed to introduce students to the systematic and scientific study of behavior and mental processes of human beings and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Recommended for students planning to go to college.

### Current Events

0.5 Credit Grades: 9-12  
Prerequisites: None  
This course is designed to investigate and observe major events that are occurring in our world today. We will take an in-depth look at controversial issues, talk about global concerns, and look at national and local events. We will utilize videos, news programs, newspapers, projects, and online resources to look at these events.

### Economics

0.5 Credit Grade: 12<sup>th</sup>  
Prerequisites: none (grad requirement)  
If everyone in the world had a million dollars would anyone be poor? Or, would we all have everything we wanted? Economics is becoming increasingly important in people's lives. Understanding how scarcity affects everything and everyone is critical to financial success. Through hands on simulations and real life experiences, students will study what makes a free market economy thrive.

### Global Studies

1 Credit Grade: 10<sup>th</sup>  
Prerequisites: none (meets grad requirement)  
Global studies will focus on learning about the world around you, both past and present. Students will learn about the people, events, geography, and changes that have shaped each region, as well as learning about issues that are being faced currently. Modern history (the 20<sup>th</sup> Century) will be a focus of the course, with an emphasis on relating that history to the world we live in today. Students passing this course will meet specific state standards relating to world history and social studies, as well as reading and writing standards needed for graduation.

### History of Rock Music

0.5 Credit Grades: 10-12  
Prerequisites: None  
This course will focus on popular music from the latter half of the 20th century to the present. Students will examine the music, the lyrics, and the musical artists of the era as well as their connection to and impact on American culture. Covering the 1950s - 2000s, topics will include the origins of rock (jazz, blues, folk), rhythm and blues, soul, the Beatles and the British invasion, Motown, protest music, classic rock, prog rock, 80's pop music, hair bands, rap, top 40, grunge, etc. Students will be asked to listen, reflect, and respond. There will be opportunity to create & be poetic.

**Introduction to Law**

0.5 Credit

Grades: 10-12

Prerequisites: None

Ever wondered how the law works and applies to your life? This course will answer these questions for you. It will provide an overview of the justice and court system and provide students the opportunity to critically examine the U.S. legal system, research important court cases throughout history and participate in a mock trial. During the course, students will cover both criminal and civil court cases to further their knowledge with our court system. Finally, students in this class will learn about how the law applies to their lives and rights within the school system.

**Psychology**

0.5 Credit

Grades: 10-12

Prerequisites: None

This course is an in-depth study of the discipline and science of the mind. This introductory course is designed to introduce students to the systematic and scientific study of behavior and mental processes of human beings and phenomena associated with each of the major subfields within psychology.

**Sociology**

0.5 Credit

Grades: 11-12

Prerequisites: None

Sociology is the study of social structure...the study of "us" and how we act in society. In this class, we will seek to understand the real reasons why our society is the way it is. Why do certain groups commit crime more than other groups? Why do some people put flamingoes on their front yard? What is "normal" and who decides? Why does racism exist? What are the roots of poverty? What does "classy" mean? If you are a people watcher, and you want recognize the world around you in a new way, this class is for you.

**US History**

1 Credit

Grades: 11<sup>th</sup>

Prerequisites: none (meets grad requirement)

Understanding where we are now takes looking at where we have been as a nation. This course is a study of US History from 1898-2001. After a brief review of early US History, the course will focus on the cultural changes, political trends, social upheaval, and global emergence of the United States in the past century. Students must complete this class (or Adv. US History) for graduation.

**Wild West**

0.5 Credit

Grades: 9-12

Prerequisites: None

This course is an exploration of development of the western U.S. including frontier politics, social and cultural aspects.

**World War II & Holocaust**

0.5 Credit

Grades: 11-12

Prerequisites: None

This course will focus on understanding why World War II and the Holocaust happened. We will begin with the events of World War I, examine the realities of life in postwar Germany, and analyze how the Nazis rose to power. We will then investigate the worldwide events and effects of World War II and the Holocaust. Students will explore this time period through projects, simulations, and writing assignments.

## SPECIAL PROGRAMS

### Course Descriptions

#### *Modified Courses*

Only students earning a modified diploma, extended diploma, certificate of graduation, or certificate of attendance are eligible to take these courses.

#### *Life Skills*

Life skills courses are held in a self-contained classroom. Students can be pushed out for other modified and/or regular courses as needed per their IEP.

#### **Lifeskills- Academic Development MA/LA**

1 Credit Grades: 9-12

Prerequisites: Placement based via IEP, modified diploma recipient only.

These courses are intended to provide specially designed instruction to students on an IEP based on their current academic level. The primary goal is to individualize this course to fit every student's personal academic needs. Students in this course can use this credit towards a modified diploma

#### **Lifeskills Adaptive PE**

1 Credit Grades: 9-12

Prerequisites: Placement based via IEP, modified diploma recipient only.

This semester long required course satisfies .5 of the 1.0 PE credit required for graduation for student on a modified diploma track. It is designed to be an overview of a wide variety of activities and general conditioning. This course is adapted to be individualized to fit every student's physical and mental needs.

#### **Lifeskills- Applied Arts**

0.5-1 Credit Grades: 9-12

Prerequisites: Placement based via IEP, modified diploma recipient only.

Teachers of these courses will select courses based upon student interest and teacher familiarity with the course.

#### **Lifeskills- Elective**

0.5-1 Credit Grades: 9-12

Prerequisites: Placement based via IEP, modified diploma recipient only.

Teachers of these courses will select courses based upon student interest and teacher familiarity with the course.

#### **Lifeskills- Functional Academics**

1 Credit Grades 9-12

This course is designed for students who need more support than provided in lifeskills academic development. Students cannot use this credit towards core-content areas of a modified diploma.

#### **Lifeskills- Social Science**

1 Credit Grades 10-12

This course is intended to provide students with an overview of social science fields. This course does not count as US History credit or Global Studies credit for modified diplomas, but will count as social science credit for extended diplomas.

#### **Life Skills- Voc Skills**

1 Credit Grades: 9-12

Prerequisites: Placement based via IEP, modified diploma recipient only.

The purpose of this course is a work based class where students get hands on experience in several different fields while receiving training and corrective feedback on overarching work concepts such as punctuality, work ethic and following multi step instructions.

#### *Other Modified Courses*

#### **LRC Modified US History**

1 Credit Grades: 11-12

Prerequisites: Teacher recommendation, modified diploma recipient only.

Modified US History is designed for students who need extra supports in literacy and social studies content. While the historical content will remain the same as US History, readings and activities will be designed for those students whose reading and writing levels are still emerging. Completion of this course will count for modified diplomas only. **\* Taught every other year; NOT OFFERED IN THE 2020-2021 SCHOOL YEAR**

#### **LRC Modified Global Studies**

1 Credit Grades: 11-12

Prerequisites: Teacher recommendation, modified diploma recipient only.

Applied Global Studies is designed for students who need extra supports in literacy in social studies content. While the historical content will remain the same as Global Studies, readings and activities will be designed for those students whose reading and writing levels are still emerging. Completion of this course will count for modified diplomas only. **\*Taught every other year; will be offered in 2020-2021 school year**

**LRC Modified Science**

1 Credit Grades: 9-12  
 Prerequisites: Teacher recommendation, modified diploma recipient only.  
 This integrated science class is meant for those students who are working towards a modified diploma. Over the course of two years this class integrates the general concepts of Chemistry, Physics, Earth Science, and Biology. It will emphasize hands on learning and a more in depth look at the major concepts in general science. This course is a 2 year series.

**LRC Modified LA**

1 Credit Grades: 9-12  
 Prerequisites: Placement based via IEP, modified diploma recipient only.  
 These courses are designed to remediate language arts skills that have not yet been mastered including reading comprehension, spelling, vocabulary acquisition, grammar and standard writing conventions. Curriculum will rotate through for students who are retaking the course.

**LRC Modified Math**

1 Credit Grades: 9-12  
 Prerequisites: Placement based via IEP, modified diploma recipient only.  
 This course is designed to remediate math skills that have not yet been mastered, including addition, subtraction, multiplication, and division. Other topics are introduced as needed.

**LRC Pre-Algebra**

1 Credit Grades: 9-10  
 Prerequisites: Placement based via IEP, math credit awarded to modified diploma recipients, elective credit awarded to regular diploma recipients  
 Pre-Algebra courses increase students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities. This is a 2 year series.

**Support Classes**

Students receive elective credit for the following courses. Students on an IEP receiving both a modified diploma and a regular diploma are eligible to take these courses.

*English Language Learner: ELL***English Lang Development (ELD) 1, 2, 3, 4**

1 Credit Grades: 9-12  
 Prerequisites: Placement Test and Teacher Approval  
 These courses are designed to give students whose first language is other than English, a greater fluency in the English language. The program is split into two tiers, basic and advanced. In both courses students will receive instruction and participate in discussion and activities dealing with the English language, culture and current events.

*Support Courses***LRC Academic Support**

1 Credit Grades: 9-12  
 Prerequisites: Placement based via IEP  
 This course is set up to improve your academic success in high school. In addition to providing additional time to complete assignments and study for other classes, students will also engage in activities specifically focused on helping them develop good habits, make good decisions for themselves and ultimately take responsibility for the outcome of their academic success.

*SLP Behavior Program Courses***SLP Social Skills Development**

1 Credit Grades: 9-12  
 Prerequisites: Placement based via IEP  
 In this course students will focus on their behavior and individual growth to understand choices and relationships with others. The course will assist students in developing skills to manage behavior, communication, decision making, social skills, and conflict resolution. The class will also define personal values and individual goals through a decision making process.

Other SLP courses may be offered including (but not limited to) SLP PE, SLP Academic Development, SLP Vocational Skills, SLP Academic Support, etc. All of these courses are designed to meet students' individual needs as identified by their case manager and IEP team.

## INDEX

The Arts							
Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
Advanced Art	12	AA	1	Intro to Art (Art 1), Drawing Plus, Painting, Teacher Approval	yes	no	17
Ceramics 1	9-12	AA	0.5	none	no	no	17
Ceramics 2	9-12	AA	0.5	Ceramics 1	yes	no	17
Digital Graphics	10-12	AA	1	Intro to Art (Art 1),	yes	no	17
Drawing Plus 1/2	10-12	AA	1	Intro to Art (Art 1)	yes	no	18
Family and Consumer Science 1 (FACS 1)	10-12	AA	0.5	none	no	no	18
Family and Consumer Science 2 (FACS 2)	11-12	AA	0.5	FACS 1	yes	no	18
Intro to Art	9-12	AA	0.5	None	no	no	18
Painting 1/2	10-12	AA	1	Intro to Art (Art 1)	yes	no	18
Concert Choir	10-12	AA	1	Solo audition/Teacher evaluation (AJ)	yes	yes	18
Young Voices	9-12	AA	1	none	no	yes	18
Jazz Ensemble	9-12	AA	1	Audition/Teacher evaluation (Fulks) – Zero Period	yes	yes	18
Percussion Ensemble	9-12	AA	0.5	Teacher Approval (Fulks)	yes	yes	18
Symphonic Band	9-12	AA	1	Teacher Approval (Fulks)	yes	yes	19
Advanced Acting	10-12	AA	0.5	Theater 1 & Teacher Approval	yes	yes	19
Technical Theater	9-12	AA	0.5	none	no	yes	19
Theater 1	9-12	AA	0.5	none	no	yes	19
Video Productions	9-12	AA	0.5	None	no	no	19
Yearbook	10-12	AA	1	Application Process *Do not forecast. Submit application*	no	yes	19
Business/Technology							
Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
Accounting 1	9-12	AA	0.5-1	Recommended: Intro to Business	no	no	20
Advanced Accounting	10-12	AA	1	Accounting 1/2 (2 years)	yes	no	20
Intro to Business	9-12	AA	0.5	none	no	no	20
Personal Finance	11	PF	0.5	none (graduation requirement)	no	no	20
Software Applications	9-12	AA	0.5	none	no	no	20
Student Tech/Help Desk	11-12	AA	1	Application Process *Do not forecast. Submit application*	no	yes	20
Web Page Design	9-12	AA	0.5	none	no	yes	21

Foreign Language							
Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
French 1	9-11	AA	1	None	no	no	22
French 2	10-12	AA	1	French 1	yes	no	22
Heritage Spanish 1	9-12	AA	1	Teacher Approval	yes	yes	22
Heritage Spanish 2	10-12	AA	1	Heritage Spanish 1	yes	yes	22
Spanish 1	9-11	AA	1	none	no	no	22
Spanish 2	9-12	AA	1	Spanish 1	yes	no	22
Spanish 3	10-12	AA	1	Spanish 2	yes	no	22
Spanish 4	11-12	AA	1	Spanish 3	yes	no	22
Health & P.E.							
Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
Health 1	9	HE	0.5	none (grad requirement)	no	no	23
Health 2	11	HE	0.5	Health 1 (grad requirement)	no	no	23
Advanced Athletics	10-12	PE	0.5	Teacher approval or Conditioning 1 (satisfies 9 <sup>th</sup> grade PE requirement)	no	yes	23
Aerobic Fitness	10-12	PE	0.5	Beginning Activities or Conditioning 1, Adv Athletics, or Intro to PE	no	yes	23
Beginning Activities	9	PE	0.5	none (satisfies 9 <sup>th</sup> grade PE requirement)	no	no	23
Conditioning 1	9-12	PE	0.5	none (satisfies 9 <sup>th</sup> grade PE requirement)	no	no	23
Conditioning 2	10-12	PE	0.5	Conditioning 1 or Advanced Athletics	no	yes	23
Lifetime Activities	9-12	PE	0.5	None	no	no	24
Stress Management	11-12	EL	0.5	None	no	no	24
Team Sports	10-12	PE	0.5	Beginning Activities or Conditioning 1, Adv Athletics, or Intro to PE	no	yes	24
Industrial Technology							
Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
Adv. Manufacturing A	10-12	AA	1	Manufacturing 1 & Fabrication 1; fee required *Not offered in 20/21	yes	yes	25
Adv. Manufacturing B	10-12	AA	1	Manufacturing 1 & Fabrication 1; fee required	yes	yes	25
Fabrication 1	9-12	AA	1	None; fee required	no	no	25
Independent Studies Manufacturing	11-12	AA	0.5-1	Advanced Manuf. A & B, fee required	yes	yes	25
Manufacturing 1	9-12	AA	1	None	no	no	25
Small Engine Repair	10-12	AA	0.5	none	no	no	25
Construction	11-12	AA	2	Woods 1; 2 periods per semester; Application Process *Do not forecast. Submit application*	no	yes	26

Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
Woods 1	9-12	AA	1	None	no	no	26
Woods 2	10-12	AA	1	Woods 1	yes	no	26
Woods 3	11-12	AA	1	Woods 2	yes	yes	26
Engineering 1 – Robotics	9-12	AA	0.5	none	no	no	26
<b>Language Arts</b>							
Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
AP Literature	11-12	LA	1		no	no	28
English 1	9	LA	1	none	no	no	28
English 2	10	LA	1	none	no	no	28
English 3	11	LA	1	none	no	no	28
English 4	12	LA	1	none	no	no	28
Honors English 1	9	LA	1		no	no	28
Honors English 2	10	LA	1		no	no	28
Senior English ES Lab	12	EL	0.5-1	Teacher Recommendation only	yes	yes	28
Writing 115-121/121-122	12	LA	1		no	no	29
<b>Mathematics</b>							
Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
Accelerated Geometry	10	MA	0.5	Algebra 1 & Teacher Placement	no	no	31
Algebra 1	9-11	MA	1	none	no	yes	31
Algebra 1A	9-12	MA		none	no	yes	31
Algebra 1B	10-12	MA		Algebra 1A or at least one semester of Algebra	no	yes	31
Algebra 2	9, 11-12	MA	1	Algebra 1 or equivalent	no	yes	31
Algebra Projects	10-12	MA	0.5	Algebra 1 or equivalent	no	yes	31
AP Calculus AB	11-12	MA	1	Trigonometry	no	yes	31
AP Calculus BC	12	MA	1	AP Calculus AB	no	no	31
College Algebra/Trigonometry	11-12	MA	1	Algebra 2 & Geometry	no	yes	31
Geometry	10-12	MA	1	Algebra 1 or equivalent	no	yes	31
Geometry Projects	10-12	MA	0.5	Algebra 1 or equivalent	no	yes	32
Informal Geometry	10-12	MA	1	Algebra 1 or equivalent	no	yes	32
Sr Math ES Lab	12	EL	0.5	Counselor Placement	yes	yes	32
Statistics	11-12	MA	1	Algebra 2	no	yes	32
<b>Miscellaneous</b>							
Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
<b>Aides/Assistant Courses</b>							
Counseling Aide	11-12	EL	1	Application Process <b>*Do not forecast. Submit application*</b>	no	no	33

Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
Library Aide	11-12	EL	0.5-1	Librarian approval	yes	yes	33
Science Lab Tech	11-12	EL	1	Teacher approval, application/interview process	no	yes	33
Teacher Aide	11-12	EL	0.5-1	Teacher approval	yes	yes	33
Teacher Intern	11-12	EL	0.5-1	Intro to Education;	yes	yes	33
Office Intern	11-12	EL	0.5-1	Office staff approval	yes	yes	33
<b>Other Courses</b>							
AVID (9, 10, 11,12)	9-12	KB	1	Application Process <b>*Do not forecast. Submit application*</b>	no	yes	33
Education 2: Teacher Cadet	11-12	EL	0.5	Intro to Education	no	yes	34
Freshman Focus	9	KB	0.5	none	no	no	34
High School Success	9	KB	0.5	none	no	no	34
Intro to Education	10-12	EL	0.5	none	no	no	34
Leadership (ASB)	9-12	EL	1	Elected or Appointed Office <b>*DO NOT FORECAST FOR THIS COURSE!</b>	no	yes	34
Work Experience	11-12	AA/EL	0.5-2	Paperwork required prior to enrollment <b>*Do not forecast.*</b>	no	yes	34
<b>Science</b>							
Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
Advanced Physics	11-12	SC	1	Physics, Biology, and Algebra 2	no	no	36
Agribusiness Management	10-12	SC	1	Intro to Ag			36
<del>Animal Science</del>	<del>10-12</del>	<del>SC</del>	<del>1</del>	<del>Intro to Ag. *Not offered in 20/21</del>	<del>no</del>	<del>no</del>	<del>36</del>
AP Environmental Science	12	SC	1	Biology	yes	no	36
Biology	11	SC	1	Physics & Chemistry	no	no	36
<del>Biomedical Innovation</del>	<del>12</del>	<del>TBD</del>	<del>1</del>	<del>Medical Interventions *Not offered 20/21</del>	<del>yes</del>	<del>no</del>	<del>36</del>
Chemistry	10	SC	1	Physics	no	no	36
Food Science & Processing	9-12	SC	0.5	none	no	no	36
Forensic Science 1	9-12	EL	0.5	none	no	no	37
Health Occupations	9-12	AA	0.5	none	yes	no	37
Human Body Systems	10-12	AA	1	none	no	no	37
Intro to Agriculture	9-12	SC	0.5	none	no	no	37
Medical Interventions	11-12	AA	1	Human Body Systems	yes	no	37
Organic Chemistry	11-12	SC	1	Chemistry	no	no	37
Physics	9	SC	1	none	no	no	37
<del>Plant Science</del>	<del>10-12</del>	<del>SC</del>	<del>1</del>	<del>Intro to Ag *Not offered in 20/21</del>	<del>yes</del>	<del>no</del>	<del>37</del>
Principles of Biomedical Science	9-12	AA	1	None	no	no	38

## Social Studies

Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
Advanced Global Studies	10	GS	1	none	no	no	40
AP US History	11-12	US	1	none	no	no	40
American Government	12	AG	0.5	none (graduation requirement)	no	no	40
AP Psychology	10-12	EL	1	none	no	no	40
Current Events	9-12	EL	0.5	none	no	no	40
Economics	12	EC	0.5	none (graduation requirement)	no	no	40
Global Studies	10	GS	1	none	no	no	40
History of Rock Music	10-12	EL	0.5	none	no	no	40
Intro to Law	10-12	EL	0.5	none	no	no	41
Psychology	10-12	EL	0.5	none	no	no	41
Sociology	11-12	EL	0.5	none	no	no	41
US History	11	US	1	none	no	no	41
Wild West	9-12	EL	0.5	none	no	no	41
World War 2 & Holocaust	11-12	EL	0.5	none	no	no	41

## Special Programs

Class	Grades Offered	Category	Credits	Pre-requisites	Teacher Sig. Needed?	Retake for EL credit?	PG #s
Lifeskills - Academic Development	9-12	MA/LA	1	Placed via IEP; modified only	yes	yes	42
Lifeskills - Adaptive PE	9-12	PE	1	Placed via IEP; modified only	yes	yes	42
Lifeskills - Applied Art	9-12	AA	0.5-1	Placed via IEP; modified only	yes	yes	42
Lifeskills - Elective	9-12	EL	0.5-1	Placed via IEP; modified only	yes	yes	42
Lifeskills- Functional Academics	9-12	EL	0.5-1	Placed via IEP; modified only	yes	yes	42
Lifeskills – Social Science	9-12	SS/EL	0.5-1	Placed via IEP; modified only	yes	yes	42
Lifeskills – Voc Skills	9-12	AA	0.5-1	Placed via IEP; modified only	yes	yes	42
LRC Modified Global Studies	10-12	GS	1	Placed via IEP; modified only *offered alternating years	yes	no	42
LRC Modified US History	10-12	US	1	Placed via IEP; modified only *offered alternating years (not offered 20/21)	yes	no	42
LRC Modified Science	9-12	SC	1	Placed via IEP; modified only	yes	yes	43
LRC Modified LA	9-12	LA	1	Placed via IEP; modified only	yes	yes	43
LRC Modified Math	9-12	MA	1	Placed via IEP; modified only	yes	yes	43
LRC Pre-Algebra	9-12	MA	1	Placed via IEP; modified only	yes	yes	43
LRC Academic Support	9-12	EL	1	Placed via IEP	yes	yes	43
SLP Social Skill Development	9-12	EL	1	Placed via IEP	yes	yes	43
ELD 1,2,3,4	9-12	EL	1	Placement Test & Teacher Approval	yes	yes	43