BASE

Beaverton Academy of Science and Engineering

Academic Planning Guide 2020-2021

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Greetings!

It's every principal's dream to open a new school. I'm honored to be part of the opening chapter in what will become the story of BASE. I'm tremendously proud of the work this planning guide represents. Someone far more famous than me once said:

"A little learning is a dangerous thing; drink deep, or taste not the Pierian spring: there shallow draughts intoxicate the brain, and drinking largely sobers us again."
                                                            –Alexander Pope

Within these nascent pages lie the pathways to knowledge. This guide is our first comprehensive map to our pathways, classes, programs, and policies. It's your roadmap to life you want to live. You can build it one step at a time. So drink deep, students. Ask questions. Wonder. Marvel at how things work. You've come to a safe place to seek answers.

Thank you to many staff, students, and families who have supported this work and our team throughout the transition.

Cheers,

Andrew Cronk
Principal,
Beaverton Academy of Science and Engineering.

BASE Mission Statement:

The Beaverton Academy of Science and Engineering welcomes and prepares a diverse community of students to thrive, lead and contribute to a better world through challenging, innovative and collaborative learning experiences.

ACADEMIC PROGRAM PLANNING GUIDE

2020-2021

BASE Mission Statement:

The Beaverton Academy of Science and Engineering welcomes and prepares a diverse community of students to thrive, lead and contribute to a better world through challenging, innovative and collaborative learning experiences.

Beaverton School District Goal:

WE empower all students to achieve post-high school success.

"The District prohibits discrimination and harassment based on any basis protected by law, including but not limited to, an individual's actual or perceived race, color, religion, sex, sexual orientation, gender identity, gender expression, national or ethnic origin, marital status, age, mental or physical disability, pregnancy, familial status, economic status, veteran status, or because of a perceived or actual association with any other persons within these protected classes."

Using the Program Planning Guide

Gaining independence, continuing your education, and finding a career – those are some of the options available to you once you leave high school. Carefully use the information presented in this guide to develop a four year plan for high school graduation, complete at least one of our Programs of Study, consider your goals for your future after high school, and thoughtfully select courses that will help you achieve those goals and plans.

Use this planning guide at home with your parents and at school with teachers, and your school counselor. Make every effort to take advantage of the opportunities to educate yourself about your choices by getting input from your teachers regarding the level and types of classes that will help you reach your goals, and seek your counselor's guidance regarding course prerequisites, possible sequences, and post-high school planning.

Beaverton Academy of Science & Engineering

We are a part of the EL Education network.

We value authentic connections and improving our community through our learning.

EL Education

We are nationally certified by Project Lead the Way (PLTW).

Our PLTW programs span grades 6-12 where students begin exploring pathway options in middle school in order to prepare to choose a high school pathway. Seniors complete a capstone project in Biomedical Sciences, Engineering, or Computer Science.

PROJECT LEAD THE WAY
PLTW

We are an AVID school.

We offer college readiness elective courses and implement school-wide instructional practices to support student success.

AVID
Proven Achievement.
Lifelong Advantage.

*Please note: All course information provided herein is based on currently offered classes. Course offerings next year are subject to change based on staffing, transition, and student requests.

MIDDLE SCHOOL

Middle school is a time for exploration...for identifying interests and establishing a foundation of character traits and habits of excellence to build upon in high school. Students in the 6th and 7th grades explore our pathways in Biomedical Sciences, Computer Science, and Engineering as well as Science Enrichment through our "Wheel" classes, which rotate every 9 weeks. BASE 8th grade students will select two semester-long elective classes to deepen their knowledge and declare a pathway in the 9th grade year.

MIDDLE SCHOOL WHEEL

Green Architecture
Design & Modeling

Engineering

Bio Medicine

Science Enrichment

Computer Science

Science Enrichment 6
CS Makers & Innovators
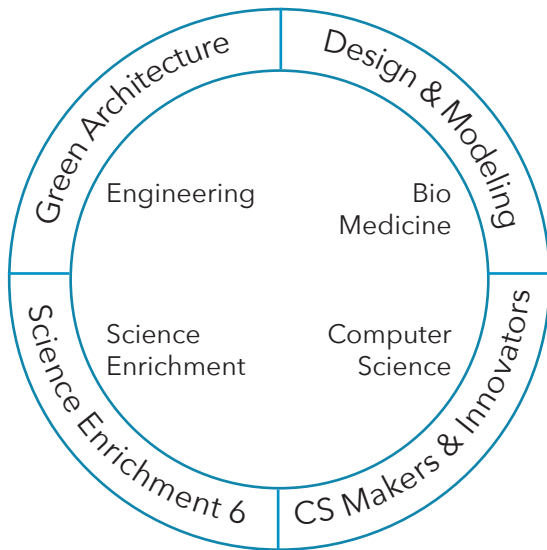
All 6th graders take a 9-week rotation of 4 classes which explore the possible pathways at BASE: Green Architecture, Design & Modeling, Science Enrichment, and CS Makers & Innovators. Giving students the opportunity to explore the variety of pathways options allows students to become familiar with the many possibilities within the STEM fields. Students get a "sample" in each of these classes and can begin to hone in on their passions as STEM students.

Building off the previous 6th grade wheel, the 7th grade wheel provides even more opportunities for exploration and growth within the STEM pathways. Students will take a 9-week rotation of the following 4 classes: Technology Survey, Medical Detectives, Automation & Robotics, and Science Enrichment 7.

Automation & Robotics
Medical Detectives

Engineering

Bio Medicine

Science Enrichment

Computer Science

Science Enrichment 7
Technology Survey

Science Enrichment 8

Video Game Design

Infection Detection

Robotics 8
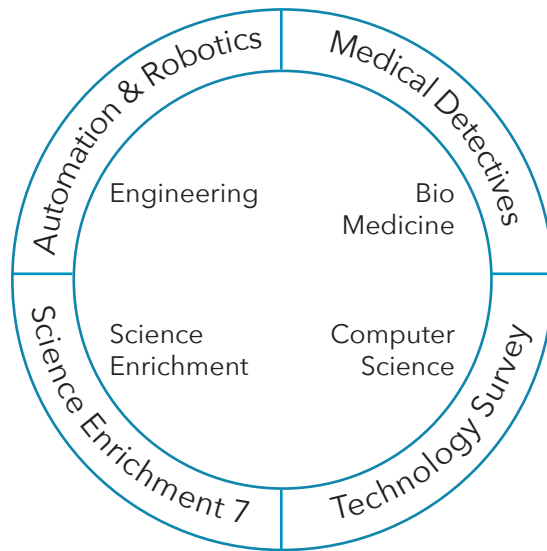
After two previous years of self-discovery and exploration, 8th grade students are able to choose two of the following 4 semester-long classes as their elective courses. Students have spent the previous two years growing their passion for various STEM topics and are now able to take these passions and apply them to focused courses. Students will take *two* from the following four classes: Art 8, Infection Detection, Video Game Design, and Robotics.
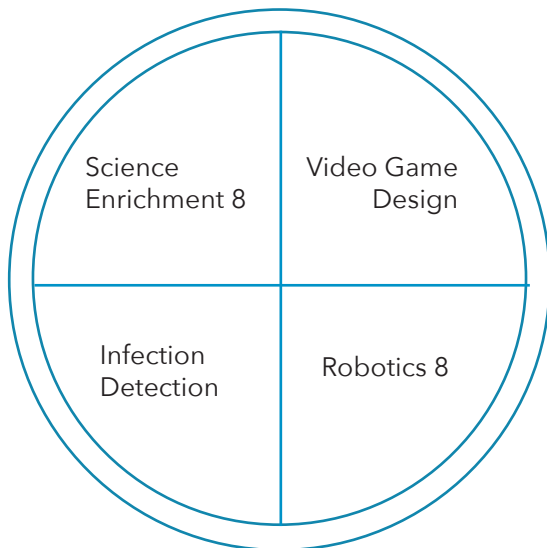
Middle School Level Placements

Math Placement:
Students will automatically be forecasted for the core sequence of math classes unless they choose to challenge that placement through a placement test. Placement tests will be offered in May for current BASE students. Incoming or new BASE students may take a placement test during the week of Registration in August. More information on the dates and times of the offered placement tests will be communicated through the school website and counseling office.

Spanish Placement:
BASE only offers Spanish classes for students beginning in 8th grade year. There will be no exceptions made to this policy. 8th grade students will automatically be forecasted for Intro to Spanish unless they choose to challenge that placement through a placement test. Placement tests will be offered in May for current BASE students. Incoming or new BASE students may take a placement test during the week of Registration in August. More information on the dates and times of the offered placement tests will be communicated through the school website and counseling office.

Class Exemptions

Middle School PE/Health: No student is exempt from PE/Health unless there is a documented injury or physical impairment that would not allow them to participate in that class.

MIDDLE SCHOOL CLASSES

The focus of our middle school is exploration. Students will explore our pathways in Computer Science, Biomedicine, and Engineering while laying a solid foundation in science.

6th Grade Classes

WHEEL CLASSES

Design and Modeling

Course Code: A140Q   Grades: 6
Length: Quarter   Fees: None
Prerequisites: Pathway: Biomedical Science
Notes:

Design & Modeling is a nine-week, entry-level Project Lead The Way "Gateway" course. Students will discover the design process and develop an understanding of the influence of creativity and innovation in their lives. Students will have fun designing and building assistive medical devices for people with cerebral palsy, creating challenging puzzle cubes, and learning to make detailed engineering sketches. At the end of the course, students are challenged and empowered to use and apply what they've learned throughout the unit to design a therapeutic toy for a child who has cerebral palsy.

Computer Science for Makers and Innovators

Course Code: A142Q   Grades: 6
Length: Quarter   Fees: None
Prerequisites: Pathway: Computer Science
Notes:

Computer Science Makers & Innovators teaches students that programming goes beyond the virtual world into the physical world. Students are challenged to creatively use sensors and actuators to develop systems that interact with their environment. While designing algorithms and using computational thinking practices, students code and upload programs to microcontrollers that perform a variety of authentic tasks. The unit broadens students' understanding of computer science concepts through meaningful applications. Teams select and solve a personally relevant problem related to wearable technology, interactive art, or mechanical devices.

Green Architecture

Course Code: A169Q   Grades: 6
Length: Quarter   Fees: None
Prerequisites: Pathway: Engineering
Notes:

In this class, we will learn how to use an architectural scale to accurately measure drawings and read architectural plans. We will transfer those pencil drawn plans to a computer-aided design program. In addition, we will learn about planning residential spaces, the different systems in a home, how to read the symbols found in architectural plans, and how to choose materials to remain within a given budget.

Science Enrichment 6

Course Code: C186Q   Grades: 6
Length: Quarter   Fees: None
Prerequisites: Pathway:
Notes:

Students of all ages learn more science-content and skills when they engage in investigation and discovery using everyday materials and the basic equipment of science. Inquiry based learning builds critical thinking skills which are important to decision making in all aspects of our children's lives. Science Enrichment's inquiry centered lessons capture student's natural curiosity and help engage them in observation, measurement, identification of properties, and experimentation with a particular focus on chemistry.

CORE CLASSES

Humanities 6 (ELA)

Course Code: L1661/2   Grades: 6
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

Language Arts (grade 6) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize the use of language for different effects, in different contexts, and for different purposes. This course is paired with 6th grade social studies, so writing will be in the context of social studies content. As a paired block class, Humanities 6 meets every day.

Math 6/7

Course Code: M1301/2   Grades: 6
Length: Year   Fees: None
Prerequisites: None   Pathway:
Notes:

Students will solve problems involving the four operations with rational numbers, create and manipulate algebraic expressions, write and solve inequalities, analyze and solve proportions, explain and use formulas to find area and volume of geometric solids, apply scale factors to geometric figures and scale drawings, and investigate and use probability models.

Science 6

Course Code: C1161/2   Grades: 6
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

This is a foundational lab-based integrated science course. Using the processes of scientific inquiry, engineering design, and critical thinking students will discover and apply patterns in such topics as cell, tissue, organ, and organ systems, ecology, energy, electricity, and magnetism. An important aim of the course is to develop and build students' performance in problem-solving, scientific literacy, and technical communication skills that will be useful in later science courses. This course will address all grade level ODE structure and function, interaction and change, inquiry and engineering standards.

Humanities 6 (SS)

Course Code: L1661/2 Grades: 6
Length: Year Fees: None
Prerequisites: Pathway:
Notes:

This is the Social Studies component of the Humanities class for 6th grade students. This class meets every day and addresses writing, reading, speaking in the context of social study lessons.

OTHER CLASSES

PE/Health 6

Course Code: P1261/2 Grades: 6
Length: Year Fees: None
Prerequisites: Pathway:
Notes:

Students will discuss the value of physical activity for a higher quality of life and life-long fitness. Health classes are integrated into the Physical Education curriculum. A variety of teaching techniques and assessments will be used to teach the health topics of alcohol & drug prevention, control of disease, healthy eating, mental, social, emotional, environmental and sexual health, unintentional injury, and violence prevention.

Fine Arts 6

Course Code: F1161/2   Grades: 6
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

This class will focus on the basic elements and principles of design. These elements and principles will be introduced through production in various media, such as drawing, painting, and sculpture. This class will expose students to the art of world cultures and encourage them to explore possible influences on their own culture
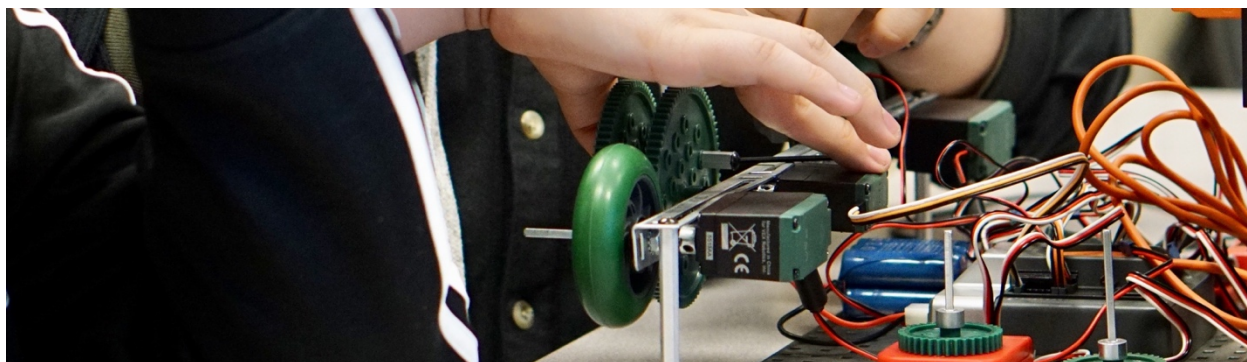
7th Grade Classes

WHEEL CLASSES

Medical Detectives

Course Code: C120Q   Grades: 7
Length: Quarter   Fees: None
Prerequisites: Pathway: Biomedical Science
Notes:

Medical Detectives explores the biomedical sciences through hands-on projects and labs that require students to solve a variety of medical mysteries. For example, genetic testing for hereditary diseases and DNA crime scene analysis will put the students in the place of real-life medical detective: using their medical knowledge to solve problems!

Technology 7

Course Code: A157Q

Grades: 7

Length: Quarter

Fees: None

Prerequisites:

Pathway: Computer Science

Notes:

This technology courses provide to students the knowledge and ability to use computers and technology efficiently. C content includes exposure to cloud-based applications, graphic design tools, computer hardware, web design, as well as responsible digital citizenship.

Automation and Robotics

Course Code: A141Q

Grades: 7

Length: Quarter

Fees: None

Prerequisites:

Pathway: Engineering

Notes:

Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

Science Enrichment 7

Course Code: C187Q

Grades: 7

Length: Quarter

Fees: None

Prerequisites:

Pathway:

Notes:

Science Enrichment is a nine-week class where students will learn about the real science happening in our own backyard. Whether learning about the brain and nutrition with scientists from OHSU's National Primate Research Center, getting the chance to talk with scientists from around the Pacific Northwest, or venturing out into the " wild" lands around our school to discover the plants and animals that live in the shadows, you're in for an action-packed nine weeks. And, you might get to hold a real brain.

CORE CLASSES

Language Arts 7

Course Code: L1171/2   Grades: 7
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

In 7th-grade Language Arts students refine their reading and writing skills by diving into learning expeditions that require higher-level reading and writing skills. At the same time, students are asked to be critical thinkers and strong communicators.

Math 7/8

Course Code: M1401/2   Grades: 7
Length: Year   Fees: None
Prerequisites: Math 6/7   Pathway:
Notes:

This course focuses on having students present the proof or process towards the solution. Students will analyze, evaluate and solve linear equations, investigate patterns of association in bivariate data, graph and solve systems of linear equations, apply properties of angle relationships, understand and apply the Pythagorean theorem, explain and apply properties of integers. We will also explore geometry with surface area and volume of geometric shapes.

Science 7

Course Code: C1171/2   Grades: 7
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

This is a foundational lab-based integrated science course. Using the processes of scientific inquiry, engineering design, and critical thinking students will discover and apply patterns in such topics as cell processes, genetics, and heredity, sexual and asexual reproduction, weather and climate, water cycle, force and motion, human impact on the environment, layers of the atmosphere, weathering, erosion and deposition. An important aim of the course is to develop and build students' performance in problem-solving, scientific literacy, and technical communication skills that will be useful in later science courses. This course will address all grade level ODE structure and function, interaction and change, inquiry and engineering standards.

Social Studies 7

Course Code: S1171/2   Grades: 7
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

In this course, we look through the lenses of Movement, Regions, Location, HumanEnvironment Interaction, and Place. We develop our skills to analyze maps, graphs, charts, and data. Most importantly, we have fun answering questions of who, what, where, when, why and how. Ancient Civilizations – How did humans take the leap from predominantly nomadic hunter-gatherers to people that both put-down roots and extend branches to all corners of the globe? Who am I? Who were they? Who are we? This course helps answer these questions in a year-long study of ancient civilizations.

OTHER CLASSES

Fine Arts 7

Course Code: F1171/2   Grades: 7
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

This class will focus on the basic elements and principles of design. These elements and principles will be introduced through production in various media, such as drawing, painting, and sculpture. This class will expose students to the art of world cultures and encourage them to explore possible influences on their own culture.

8th Grade Classes

WHEEL CLASSES

Infection Detection

Course Code: C130X   Grades: 8
Length: Semester   Fees: None
Prerequisites: Pathway: Biomedical Science
Notes:

Students explore the spread of disease, types of germs, the immune system, how medical interventions can keep people from getting sick or make infectious diseases less deadly, and how epidemiologists track down and eliminate the source of an outbreak. This lab course involves inquiry into hygiene practices (glowing "germs" and black lights!), exploration of microbiology lab techniques (fire! microscopes! incubators!), problem-solving in finding the source of an epidemic, and a public health outreach project in our community.

Game Design 8

Course Code: A434X   Grades: 8
Length: Semester   Fees: None
Prerequisites: Pathway: Computer Science
Notes:

Computer Coding is the language of the future. This course will teach you important coding terms and ideas while having fun creating your own game using the Unity Game Engine and a modern programming language. Some of the topics taught: Variables, Methods, Events, Functions, Conditional statements, Arrays, Loops and other key terms and ideas of any computer language. This is a fun and useful class for anyone considering a career in Computer Science or Game Design.

Robotics 8

Course Code: A562X

Length: Semester

Prerequisites:

Notes:

Grades: 8

Fees: None

Pathway: Engineering

Robotics courses help students develop and expand their skills and knowledge of robotics and related scientific and engineering topics. Course topics may include principles of mechanics, electronics, and programmable logic controllers. These courses emphasize the use of engineering principles to design and build robots, construct and connect sensors, and program robots in a programming language.

Science Enrichment 8

Course Code: C188Q

Length: Quarter

Prerequisites:

Notes:

Grades: 8

Fees: None

Pathway:

Science Enrichment 8 continues to engage students in inquiry based learning with a particular focus on electronics, electricity, and physics.

CORE CLASSES

Language Arts 8

Course Code: L1181/2   Grades: 8
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

In English Language Arts, students will develop and strengthen their verbal communication, writing, and reading skills through learning expeditions that focus on journalism, the legal system, and unique forms of storytelling. ELA will include a focus on collaborative projects, including creating newspapers and participating in a mock court trial, as well as individual writing work. In addition to news articles and short nonfiction pieces, students will read independent choice novels and participate in book clubs.

Algebra/Geometry/Statistics I (MS)

Course Code: M3811/2   Grades: 6, 7, 8
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

The Algebra/Geometry/Statistics I course is the first in a three-course sequence. The first course focuses on the Algebra concepts, solving linear functions, modeling with linear functions, solving systems of equations, using arithmetic and geometric sequences to develop linear and exponential functions, as well as graphing functions. Geometry concepts include congruence, construction and proof using lines, angles, triangles and other two-dimensional figures. Statistics concepts include basic measures of central tendencies spread, and position.

Science 8

Course Code: C1181/2   Grades: 8
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

This is a lab-based integrated science course. Using the process of scientific inquiry, engineering design, and critical thinking, students will discover and apply patterns to develop explanations on topics such as natural selection and evolution; matter, atomic structure, and chemistry; geological time and changes to the Earth over time; and gravity and the reasons for the cyclical observable patterns in the Sun-Earth-Moon system. An important aim of this course is to develop and build students' skills in problem-solving, scientific literacy, and technical communication that will be useful in later science courses. We will also focus on making data-informed decisions through inquiry-based engineering projects.

Social Studies 8

Course Code: S1181/2   Grades: 8
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

Students will study the history, government, and economics of the United States between 1765 and the Civil War. Major events studied include the American Revolution, the development of democracy, the Constitution, and the Civil War. Students will be exposed to many opportunities to analyze sources, take notes, write, think critically, consider civic engagement, and read & interpret information displayed in maps, charts, graphs, etc.

ELECTIVE CLASSES

Introduction to Spanish

Course Code: W1401/2   Grades: 8
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

In this class, students will develop basic communication skills through reading, writing, speaking and listening; while acquiring knowledge of basic grammatical structures needed for effective communication and building vocabulary. Students will investigate products, practices, and perspectives of the Spanish-speaking culture. By the end of the year, students should be able to hold short conversations and respond to oral and written questions in Spanish.

PE/Health 7/8

Course Code: P1201/2   Grades: 7, 8
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

Students will discuss the value of physical activity for a higher quality of life and life-long fitness. Health classes are integrated into the Physical Education curriculum. A variety of teaching techniques and assessments will be used to teach the health topics of alcohol & drug prevention, control of disease, healthy eating, mental, social, emotional, environmental and sexual health, unintentional injury, and violence prevention.

CAREER AND LIFE SUCCESS CLASSES

AVID Workshop (MS)

Course Code: E16x1/2   Grades: 6, 7, 8
Length: Year   Fees: None
Prerequisites: Application and interview   Pathway:
Notes:

AVID (Advancement Via Individual Determination) is an elective class for students capable of completing a college preparatory path with support and are not realizing their full potential academically. The AVID curriculum is driven by the WICOR method, which stands for Writing, Inquiry, Collaboration, Organization and Reading. Much of a student's time in an AVID elective class will be spent in collaborative tutorial groups led by trained AVID tutors. Students engage in class-level and cross-level team builders, visit college campuses, listen to guest speakers and participate in community service projects.

Crew (MS)

Course Code: E6021/2   Grades: 6, 7, 8
Length: Year   Fees: None
Prerequisites: Pathway:
Notes: Will appear as 'Advisory' on student's schedule

In EL schools, each student is known well by at least one adult within the school. One structure for developing this relationship—and supporting students socially, emotionally, and academically—is crew. The structure of crew allows for relationship building, academic progress monitoring, and character development. Crew allows students to build positive connections with their peers and with their crew leader. Crew leaders strategically plan crew to address and assess these multiple goals. Multi-year relationships are also forged in other school structures (e.g., multi-age classrooms, looping) to ensure that students' needs are met and individual strengths are discovered. Outside of school, mentoring, internships, and apprenticeships foster relationships between students and community members. High school students complete their career education graduation requirement during the second semester of each year of Crew.

Success Workshop (MS)

Course Code: E5131/2   Grades: 6, 7, 8
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

Students are selected to be invited to this class based on prior-year academic data. Students in this class improve their academic achievement through a variety of motivational techniques and interventions. Students work closely with the teacher and others in this class to become better students and find more success academically and in their own identity as learners. The selection for this class is made by the administration, teachers, and counselors.

Supervised Study (MS)

Course Code: 6801/2   Grades: 6, 7, 8
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

This class is designed to allow students time to complete classwork assignments and prepare for tests during the school day. Students are in class with other students who may be able to collaborate with them and assist them with completing work.

Student Leadership (MS)

Course Code: E1801/2   Grades: 6, 7, 8
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

In this course, students will explore different leadership styles and how they apply to their own strengths as leaders. Lessons will focus on development of leadership skills such as communication, decision-making, creative thinking, teamwork, and problem solving. Leadership students will plan and execute campus social activities such as club fairs, socials, dances, and other school-wide events. Application required.

Learning Strategies (MS)

Course Code: R4121/2   Grades: 6, 7, 8
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

This course is only available to students with Individualized Educational Plans (IEP's). These courses provide students with academic support, skill development, and organizational structure for the purpose of achieving success within their core academic areas of study and within the school's social environment. Students will receive specially designed instruction, as outlined by the services listed in the IEP, as well as supplemental instruction in grade-level content. In addition to these supports, an emphasis is placed on self-advocacy, helping students understand and communicate their own strengths and challenges as learners. Students will be assigned a certified case manager who coordinates the services outlined in the IEP. Services are delivered in small-to-medium sized classes.

English Language Development (MS)

Course Code: N2101/2   Grades: 6, 7, 8
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

English language support courses are designed to promote English language proficiency in reading, writing, speaking, and listening. Courses at all levels are characterized by sound instructional strategies, challenging curriculum, and learning environments that foster intensive language development. Student progress and academic English language proficiency are demonstrated as content courses are successfully completed and state benchmarks in reading, writing, and speaking are attained.

HIGH SCHOOL CLASSES

High school is the time for students to dive deep into their pathways and augment their course work with additional rigorous course work in the core subjects. All nineth grade students will declare a pathway to pursue that, of course, may be changed at any time. This section of the Academic Planning Guide describes the high school classes and the policies that affect high school students.

BASE Curriculum Plan

The State of Oregon and Beaverton School District require students to complete 24 course units in order to graduate. Regular attendance also continues to be a requirement. These requirements reflect the minimum program that students can complete and still earn a high school diploma. For the majority of students, particularly those who are planning post-high school education, the pursuit of a challenging academic program is the most important consideration, and additional classes in core subject areas are necessary.

Students planning to enter a four-year Oregon Public University System school will need to meet the University's admission requirements. Students planning to attend out-of-state and/or private colleges and universities should work with their school counselors to assist in the communication with admission counselors at individual universities to plan a high school course of study as it relates to specific admission requirements. It is important to develop these plans early in your high school career.

Minimum Graduation Requirements

Typical Curriculum Plan

__PART I:__
Language Arts (4)
1 credit required at Grade 9:	Literature and Composition 9
1 credit required at Grade 10:	Literature and Composition 10
1 credit required at Grade 11:	Literature and Composition 11 or advanced courses
1 credit required at Grade 12:	Literature and Composition 12 or advanced courses

Mathematics (3)
1 credit required at Grade 9:	AGS I, AGS II, AGS3, AAGS3, or advanced courses
2 credits required Grade 10-12:	AGS II, AGS III, AAGS3, Pre-Calc or advanced courses

Social Science (3)
1 credit required at Grade 9:	World Geography & Culture
1 credit required at Grade 10:	US History
1 credit required at Grade 11/12:	Econ/Gov, AP Gov, AP US History, or Law

Science (3)
1 credit required at Grade 9:	STEM Physics
1 credit required at Grade 10:	STEM Chemistry
1 credit required at Grade 11-12:	Biology I, AP Biology, AP Chemistry, AP Environmental Science, AP Physics 1

Health Education (1)
1.0 credit Grade 9:	Health 1 & Health 2 (If not completed during 9th grade, students will continue to be scheduled into Health.)

Physical Education (1)

| 0.5 credit Grade 9: | Students must submit a minimum of 65 hours of physical activity documented on the PE Forms. |
| 0.5 credit Grade 10: | Students must submit a minimum of 65 hours of physical activity documented on the PE Forms. (*A total of 130 hours are required to meet the graduation requirements.*) |

Electives:

All students, with the assistance of their parents and school counselor, may select a combination of elective courses that best meet the needs of their post-high school graduation plans and their desired pathway. Three of these elective credits must be earned in any one of the following areas: music, visual arts*, theater arts, business education, technology education, or world language**. CTE Programs of Study in the areas of Biomedicine, Computer Science, and Engineering are focused elective courses that support students in hands-on career opportunities. Elective credits in additional math & science courses and in world language are highly recommended for college-bound students and students planning on entering an apprenticeship program..

PART II:

Essential Skills that demonstrate proficiency: Read, write, and apply math

Essential Skills can be met by Reading, Writing, and Math scores on the OSAS and ACT (both opportunities are provided junior year) or SAT. For students who do not meet on these assessments, work samples may be used.

PART III:

Career Education (.5):

All students must complete Personalized Learning Requirements. To meet these requirements,

(StEPP) :

Each student must: 1) develop an education plan and build an education profile, 2) participate in career-related learning experiences, 3) apply and extend knowledge in an extended application. Students utilize CIS technology to meet some of these requirements in their Crew classes.

Total Credits to Graduate: 24

*Students who intend to apply to schools in California must take courses in the visual arts. See counselors for information.

**Students who are planning to attend four-year universities and many other colleges must successfully complete a minimum of two years of the same world language.

BSD Diploma Requirements

BSD Diploma Requirements	
Subject	**Credits**
English/Language Arts	4
Mathematics (AGS1 level or above)	3
Science (1.0 each of Physics, Chemistry, Biology)	3
Social Studies	3
Physical Education 1 / Physical Education 2	0.5 / 0.5
Health	1
Second Language, Arts, Applied Arts	3
Electives	5.5
Career Development	0.5
Total Credits	**24**
Essential Skills	
Read and Comprehend a Variety of Text	Smarter Balanced/ACT/SAT/Work Samples
Write Clearly and Accurately	Smarter Balanced/ACT/SAT/Work Samples
Apply Mathematics in a Variety of Settings	Smarter Balanced/ACT/SAT/Work Samples
Personalized Learning	
Educational Plan and Profile	Develop an educational plan and build an educational profile to guide learning toward student's personal, career and post-high school goals
Career-Related Learning Experiences	Participate in experiences that connect classroom learning with real life experiences in the workplace, community, and/or school relevant to student's educational plan
Extended Application	Apply and extend knowledge and skills in new and complex situations related to the student's personal and career interests and post-high school goals

Contact your High School's Counseling Office for additional details.

BIOMEDICAL SCIENCE

Biomedical Science

BASE has been a certified Project Lead the Way Biomedical Studies program since 2014.

In the US there are 14,000 PLTW programs in 11,500 schools in all 50 states. In 2017, the Biomedical Innovations program was recognized by AdvanceCTE as the second best Health Science CTE Program in the United States out of all community colleges and high schools. In addition, PLTW recognized our school as the best PLTW Biomedical Studies program during their 2017 PLTW Summit in Orlando, Florida.

Because of our national certification, all biomedical studies classes are dual credit, articulated through OIT and/or Missouri University of Science and Technology.

Biomedical Program Roadmap

Grade

6	7	8	9	10	11	12
Design & Modeling	Medical Detectives	Infection Detection	Principles of Biomedical Studies	Human Body Systems	Medical Interventions	Biomedical Innovation

Core Classes

Introduction to Health Careers

Electives

Topics in Health Careers

Biomedical Pathway

This program is a Career and Technical Education (CTE) program designed to allow students to explore the medical pathways through:

- Research and design solutions for patient care and medical technologies
- Explore the human body, diseases, prevention, and treatment
- Participate in authentic lab-based research
- Explore proper patient care
- Communicate health information accurately and professionally
- Adhere to safety, privacy, legal, and ethical practices essential in a healthcare workplace

Pathway Endorsement offerings for Biomedical			
Required Classes	Grade	BASE Credit	College Credit
Principles of Biomedical Studies	9th	1.0	Missouri S&T- BIO SCI 1943: 4.5 credits (Proficiency)
Human Body Systems	10th	1.0	Missouri S&T- BIO SCI 1953: 4.5 credits (Proficiency) OIT BIO 103: 4 credits. BIO 200 2 credits
Medical Interventions	11th	1.0	Missouri S&T- BIO SCI 1982: 4.5 Credits (Proficiency) OIT BIO 109: 2 credits
Biomedical Innovations	12th	1.0	Missouri S&T- BIO SCI 1983: 4.5 Credits. (Proficiency) OIT HED 240 2 credits. HED 275 3 credits
Select at least one of the following courses in addition to the required classes for pathway endorsement.			

Introduction to Health Careers	10th/11th/12th	1.0	
Topics in Health Careers	12th	1.0	

Additional Requirements for Pathway Endorsement: *Students who complete 5 classes in this pathway (including the Capstone) with a B or better will earn their Biomedical Stole.

Careers in Biomedicine	
Medical Assistant Certified Nursing Assistant Pharmacist Vet Assistant Medical Scientist Physician Assistant Athletic Trainer	Pain Management Physician Biomedical Engineer Home Health Aide Financial Examiner Skin Care Specialist

COMPUTER SCIENCE

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Computer Programming and Software Development is the newest pathway offered at BASE.
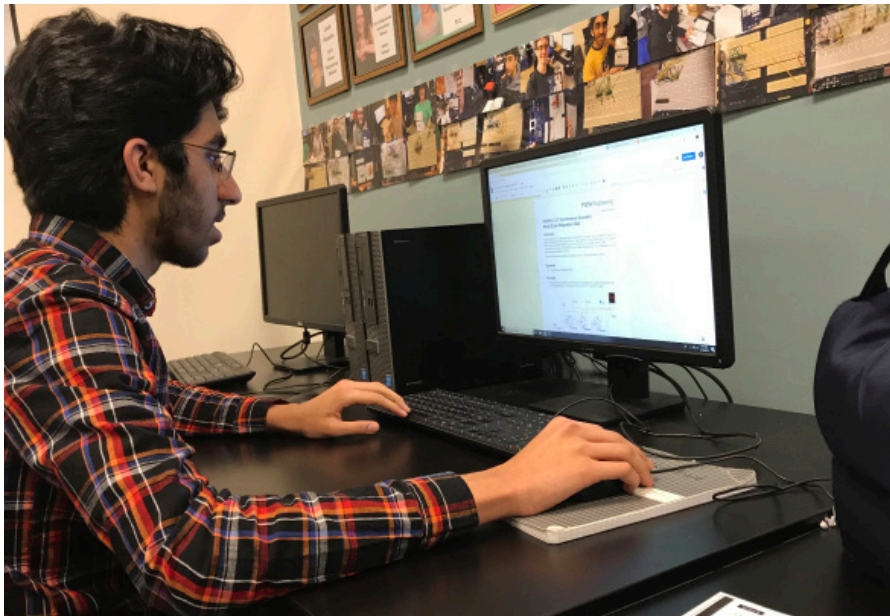
The Computer Science Pathway at BASE begins in middle school with Project Lead The Way classes such as Computer Science for Makers and Innovators, Technology Survey, and Robotics. Thereafter in high school, students may deepen their understanding of programming, networking, and cyber-security through the following classes:

Technology & Society, AP Computer Science Principles, Cybersecurity, and AP Computer Science A.

Computer Science Program Roadmap

Grade

6	7	8	9	10	11	12
CS Makers & Innovators	Technology 7	Video Game Design	AP Computer Science Principles	Web Design	Cybersecurity	AP Computer Science A

Core Classes

Computer Science Independent Study	Electives	Digital Electronics
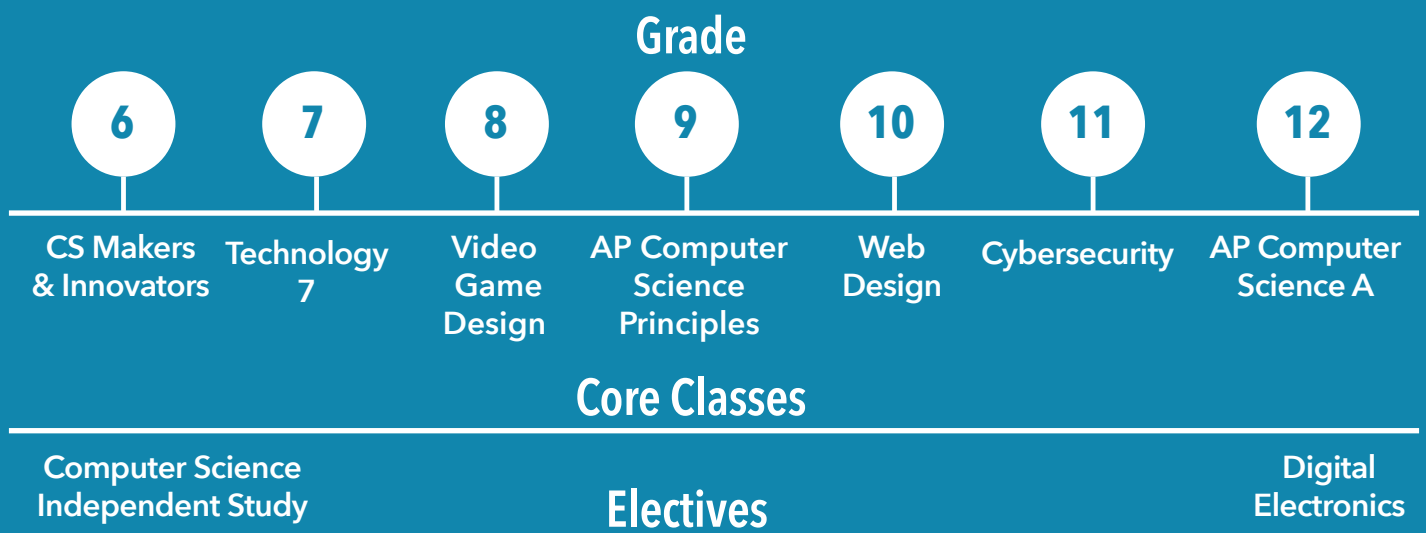
Computer Programming and Software Pathway

This program is a Career and Technical Education (CTE) program designed to allow students to explore the Computer Programming and Software Pathway through:

- Learn programming languages and tools
- Demonstrate knowledge of hardware components
- Employ quality assurance practices to create workable products
- Practice teamwork and problem solving skills
- Create websites and software applications

Pathway Endorsement offerings for Computer Programming and Software			
Required Classes	Grade	BASE Credit	College Credit
AP Computer Science Principles	10, 11, 12	1.0	
Cybersecurity	11, 12 (must have passed AP CSP)	1.0	
AP Computer Science A	11, 12 (must have passed AP CSP)	1.0	
Select at least one of the following courses in addition to the required classes for pathway endorsement.			
Web Design	10, 11, 12	1.0	

Additional Requirements for Pathway Endorsement: *Students who complete the 3 required classes in this pathway with a B or better in each course, in addition to completing the TSA project in CSA, will earn their Computer Programming and Software Development Stole.

Careers in Computer Programming and Software	
Software Developer	Web Developer
Database Administrator	Information Security Analyst
Computer Hardware Engineer	Computer and Information Research
Computer Systems Analyst	Scientists
Computer Network Architect	Computer and Information Systems Managers
IT Project Manager	Map and geodatabase topologist

ENGINEERING

Engineering

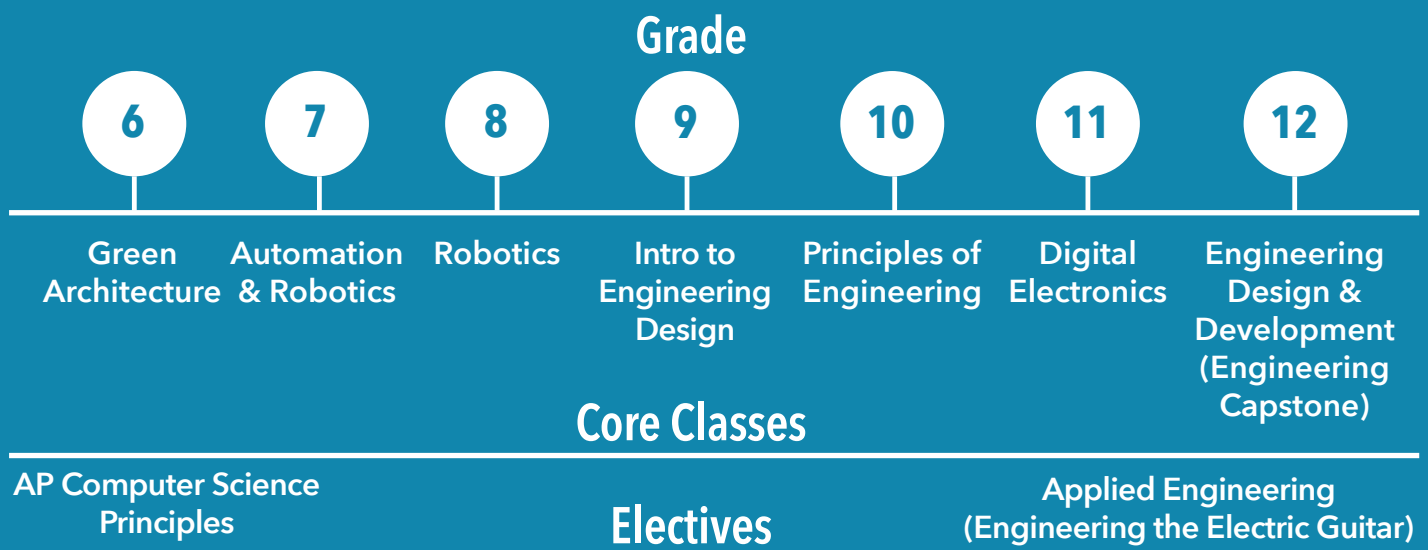## BASE is a certified Project Lead the Way Engineering school.

BASE has a State of the Art Makerspace and Design Studio. These spaces are a physical laboratory for inquiry-based learning. Our Makerspace and Design Studio provide hands-on, creative ways to encourage students to design, experiment, build, and invent as they deeply engage in science, engineering, and collaboration. Makerspaces represent the democratization of design, engineering, fabrication and education.

Because of our national certification, all engineering classes are dual credit.

In the US there are 14,000 PLTW programs in 11,500 schools in all 50 states.

Engineering Program Roadmap

Grade

6	7	8	9	10	11	12
Green Architecture	Automation & Robotics	Robotics	Intro to Engineering Design	Principles of Engineering	Digital Electronics	Engineering Design & Development (Engineering Capstone)

Core Classes

AP Computer Science Principles		Applied Engineering (Engineering the Electric Guitar)

Electives

Engineering Pathway

Engineers apply science, math and technology to solve real-world problems. Bridges and buildings, cars and roadways, energy generation and distribution, clean water systems, cell phones and the Internet were all made and improved by Engineers.

This program is a Career and Technical Education (CTE) program designed to allow students to explore the Engineering Pathway through:

- Apply design principles to identify and solve problems
- Create working programs/products that meet specifications
- Practice teamwork, organization, and other professional work habits
- Engage in critical design review and review suggestions for improvement
- Explore digital electronics and circuits
- Use computer-aided drafting software
- Demonstrate leadership and time management
- Create with 3D printers, laser systems, CNC routers and more

Pathway Endorsement offerings for Engineering			
Required Classes	Grade	BASE Credit	College Credit
Engineering Design & Development (Capstone)	12th	1.0	TBA
Select at least 2 of the following courses in addition to the required classes for pathway endorsement.			
Intro to Engineering Design	9th	1.0	OIT
Principles of Engineering	10th	1.0	OIT
Digital Electronics	11th	1.0	PCC
Applied Engineering	11th or 12th	1.0	(Underway - Clackamas CC)

Additional Requirements for Pathway Endorsement: *Students who complete 5 classes in this pathway (including the Capstone) with a B or better will earn their Engineering Stole.

Careers in Engineering	
Communication Equipment Repair Microelectronics Technician Petroleum Engineers Nuclear Engineers Electrical Engineers Biomedical Engineers Materials Engineers	Aerospace Engineers Software Engineers Engineering Managers Chemical Engineers Electrical Engineers Environmental Engineers

Students serious about pursuing studies and careers in Engineering are also strongly encouraged to take Computer Science Principles.

HIGH SCHOOL

The high school program at BASE allows students to dive deep into one or more pathways and extend their understanding of science through challenging coursework.

LIFE AND SUCCESS CLASSES

AVID Workshop (HS)

Course Code: E9xx1/2   Grades: 09, 10, 11, 12
Credit Type: Elective   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Application and interview   Pathway:
Notes:

AVID (Advancement Via Individual Determination) is an elective class for students capable of completing a college preparatory path with support and may not be realizing their full potential academically. The AVID curriculum is driven by the WICOR method, which stands for Writing, Inquiry, Collaboration, Organization and Reading. Much of a student's time in an AVID elective class will be spent in collaborative tutorial groups led by trained AVID tutors. Students engage in class-level and cross-level team builders, visit college campuses, listen to guest speakers and participate in community service projects.

Crew (HS)

Course Code: E6021/2   Grades: 09, 10, 11, 12
Credit Type: Career Education (for grades 9-12) Credits: .125
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway:
Notes: Will appear as 'Advisory' on student's schedule

In EL schools, each student is known well by at least one adult within the school. One structure for developing this relationship—and supporting students socially, emotionally, and academically—is crew. The structure of crew allows for relationship building, academic progress monitoring, and character development. Crew allows students to build positive connections with their peers and with their crew leader. Crew leaders strategically plan crew to address and assess these multiple goals. Multi-year relationships are also forged in other school structures (e.g., multi-age classrooms, looping) to ensure that students' needs are met and individual strengths are discovered. Outside of school, mentoring, internships, and apprenticeships foster relationships between students and community members. High school students complete their career education graduation requirement during the second semester of each year of Crew.

Learning Strategies (HS)

Course Code: R4121/2   Grades: 09, 10, 11, 12
Credit Type: Elective (for grades 9-12)   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

This course is only available to students on IEP's. These courses provide students with academic support, skill development, and organizational structure for the purpose of achieving success within their core academic areas of study and within the school's social environment. Students will receive specially designed instruction, as outlined by the services listed in the IEP, as well as supplemental instruction in grade-level content. In addition to these supports, an emphasis is placed on self-advocacy, helping students understand and communicate their own strengths and challenges as learners. Students will be assigned a certified case manager who coordinates the services outlined in the IEP. Services are delivered in small-to-medium sized classes.

Success Workshop (HS)

Course Code: E5131/2

Grades: 09, 10, 11, 12

Credit Type: Elective (for grades 9-12)

Credits: 1.0

College Credit:

Weighted: No

Length: Year

Fees: None

Prerequisites:

Pathway:

Notes:

Students are selected to be invited to this class based on prior-year academic data. Students in this class improve their academic achievement through a variety of motivational techniques and interventions. Students work closely with the teacher and others in this class to become better students and find more success academically and in their own identity as learners. The selection for this class is made by the administration, teachers, and counselors.

Supervised Study (HS)

Course Code: 6801/2

Grades: 09, 10, 11, 12

Credit Type: None

Credits: None

College Credit:

Weighted: No

Length: Year

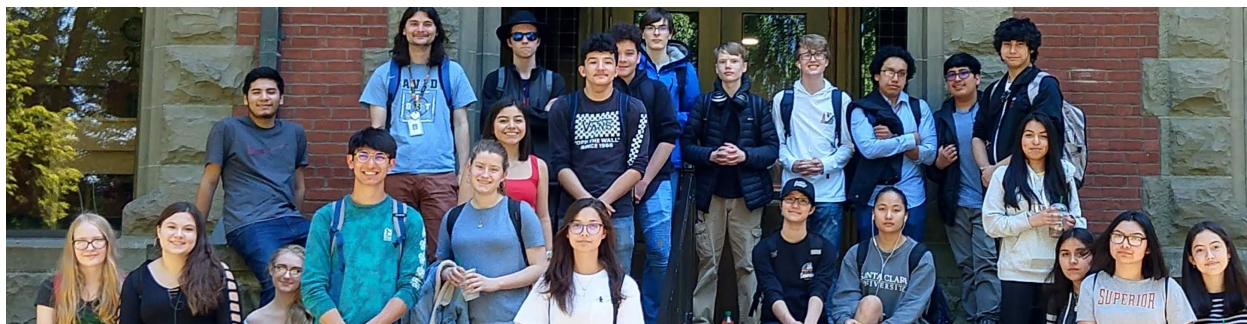Fees: None

Prerequisites:

Pathway:

Notes:

This class is designed to allow students time to complete classwork assignments and prepare for tests during the school day. Students are in class with other students who may be able to collaborate with them and assist them with completing work.

Work Experience

Course Code: R178(2)   Grades: 11, 12
Credit Type: Elective   Credits: 0.5
College Credit: Weighted: No
Length: Independent   Fees: None
Prerequisites: Counselor approval required   Pathway:
Notes: .5 credit awarded for 60 hours of work experience. May do twice for 1.0 credits total.

Community Work Experience is a one or two semester program for employed juniors and seniors who want to receive elective credit in connection with their job. Students can earn 0.5 credit for 60 hours of work per semester, and a maximum of 1.0 credit in the program for 120 hours worked.

BIOMEDICAL SCIENCE PATHWAY CLASSES

DC Principles of Biomedical Science

Course Code: C4691/2   Grades: 09
Credit Type: Elective   Credits: 1.0
College Credit: Dual Credit   Weighted: No
Length: Year   Fees: Dual Credit costs vary
Prerequisites: Pathway: Biomedical Science
Notes:

In the introductory course in the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine the 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.

DC Human Body Systems

Course Code: C4241/2   Grades: 10, 11, 12
Credit Type: Science   Credits: 1.0
College Credit: Dual Credit   Weighted: No
Length: Year   Fees: Dual Credit costs vary
Prerequisites: Pathway: Biomedical Science
Notes:

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. 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.

DC Medical Interventions

Course Code: C8801/2   Grades: 11
Credit Type: Science   Credits: 1.0
College Credit: Dual Credit   Weighted: No
Length: Year   Fees: Dual Credit costs vary
Prerequisites: Human Body Systems   Pathway: Biomedical Science
Notes:

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.

DC Biomedical Innovation

Course Code: C8811/2   Grades: 12
Credit Type: Science   Credits: 1.0
College Credit: Dual Credit   Weighted: No
Length: Year   Fees: Dual Credit costs vary
Prerequisites: Pathway: Biomedical Science
Notes:

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 design project with a mentor or advisor from a university, medical facility, or research institution.

Topics in Health Careers

Course Code: H4501/1   Grades: 12
Credit Type: Elective   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway: Biomedical Science
Notes:

In this course, students will have the opportunity to use advanced biomechanical and physiological equipment while exploring the many career opportunities and professional certification in healthcare. In this interdisciplinary course, students will further develop knowledge in medical terminology, health care delivery systems, legal and ethical

healthcare issues, personal health, employability and job seeking skills. Students in this course must be a high school senior within 60 days of high school graduation in order to take their licensure/certification exams. Students interested in the healthcare field are also encouraged to participate in our HOSA Club, internship activities, clinical rotations, and Hillsboro Chamber Health Career Days.

Introduction to Health Careers

Course Code: H3901/2   Grades: 10, 11, 12
Credit Type: Elective   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway: Biomedical Science
Notes:

This course is designed to give those students interested in health careers the opportunity to explore the basic concepts surrounding professions related to this field. Additionally, this course will serve as an opportunity for leaders in our biomedical program to plan activities and experiences related to our HOSA – Future Health Professionals chapter. Students will explore skills need for careers in health care. Students have the freedom to plan activities that will help them become better future health professionals. As a class we will also be introduced to medical terminology, health care delivery systems, legal and ethical healthcare issues, employability and job seeking skills. Students interested in the healthcare field are invited to participate in HOSA – Future Health Professionals, which sponsors community service projects, leadership skills and members are able to compete at the state and national events.
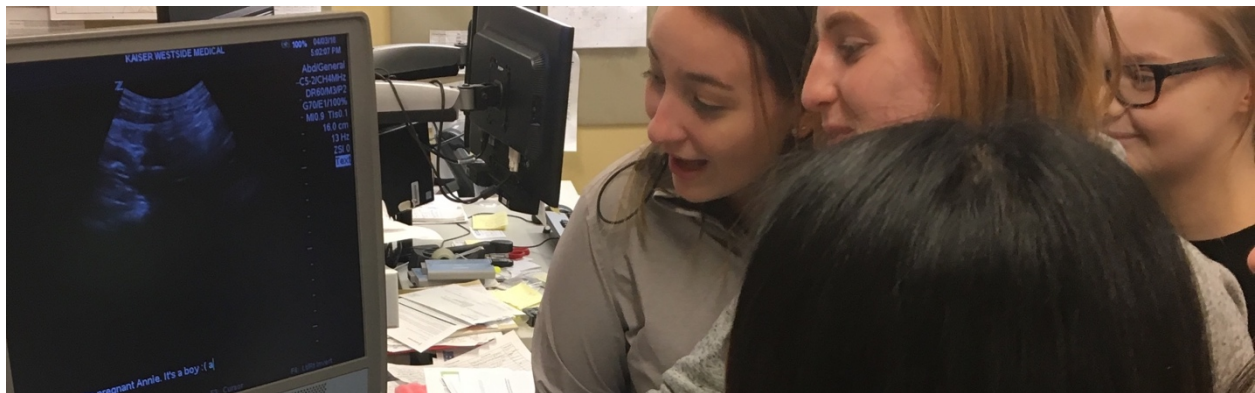
COMPUTER SCIENCE PATHWAY CLASSES

Cybersecurity

Course Code: A4901/2   Grades: 10, 11, 12
Credit Type: Applied Arts   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: AP CS Principles Pathway: Computer Science
Notes:

Identify cybersecurity threats and protect against them. Detect intrusions and respond to attacks. Begin to examine your own digital footprint and better defend your own personal data. Learn how organizations protect themselves in today's world. Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company's data, students in Cybersecurity establish an ethical code of conduct while learning to defend data in today's complex cyberworld. This will be accomplished through problem based learning.

AP Computer Science Principles

Course Code: A4811/2   Grades: 9, 10, 11, 12
Credit Type: Applied Arts   Credits: 1.0
College Credit: AP Credit   Weighted: Yes
Length: Year   Fees: AP test cost $85 ($32 if eligible)
Prerequisites: Pathway: Computer Science
Notes:

This course is a smorgasbord of programming concepts and tools. Some of the tools/programs/protocols you may use include: StarLogo TNG, App Inventor, Python, SSH, FTP, HTML, CSS, JavaScript, PHP, MySQL, GitHub, MEGA and Net Logo. The goal is to expose students to a broad range of skills and applications within the field. No previous programming experience is necessary. What you do with these tools is somewhat open-ended due to the creative process; however, generally you will create an interactive story or game, an Android App and an interactive website that is tied to a dynamic database. You will create algorithms to manipulate digital images. You will model complex systems via simulation, learn about encryption and decryption. You may explore protein variation by analyzing its DNA. You may analyze a large data set to answer a question you are curious about. Collaboration is a major theme of the class; we will work on learning how to collaborate effectively and how the Agile Design Process is used in product development. Students will write code, but more often re-work and modify existing code. It is not a classic programming course where one would work on one language over the course of the year. Students are expected (but not required) to take the AP exam, which includes submitting a performance task to the AP in April and taking the AP exam in May.

AP Computer Science A

Course Code: A4821/2   Grades: 11, 12
Credit Type: Applied Arts   Credits: 1.0
College Credit: AP Credit   Weighted: Yes
Length: Year   Fees: AP tests cost $85 ($32 if eligible)
Prerequisites: AP CS Principles   Pathway: Computer Science
Notes:

In this course, the focus is on learning Java, one of the most ubiquitous object-oriented programming languages. This course will prepare you for the AP CS A exam. It is expected that you are familiar with basic programming concepts, such as loops, branching, conditional statements, methods/functions/procedures, variable types, variable designation and initialization, etc. If this is the first time you have ever programmed, we ask you to enroll in AP CS Principles. Students will also have the opportunity to use their Java skills to develop Android applications in Android Studio. Students are expected (but not required) to take the AP exam in May. Students use the Agile Design model of product development in designing an application for an authentic client in the larger community. The project, including the portfolio and presentation that goes with it, will act as the Computer Programming and Software Development (CPSD) pathway TSA (Technical Skills Assessment). Students who pass the TSA, including the security portion to the project, and who have passed Cybersecurity are eligible for recognition as completing the CPSD pathway of study.
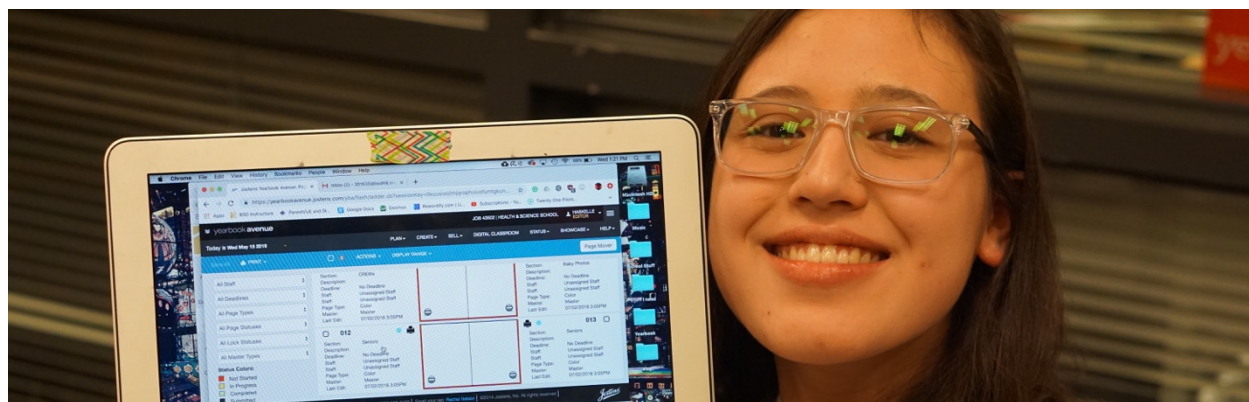
Web Design

Course Code: A4311/2   Grades: 09, 10, 11, 12
Credit Type: Applied Arts   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: AP CS Principles   Pathway:
Notes:

Web Page Design courses teach students how to design websites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages—such as Extensible Hypertext Markup, JavaScript, Dynamic HTML, Document Object Model, and Cascading Style Sheets—to develop and maintain a web page. These courses may also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet. Advanced topics may include the use of forms and scripts for database access, transfer methods, and networking fundamentals. It is recommended that students take AP CS Principles before taking this class.

Independent Study – Computer Science

Course Code: A90xX   Grades: 11, 12
Credit Type: Elective   Credits: 0.5
College Credit: Weighted: No
Length: Semester   Fees: None
Prerequisites: AP CS Principles   Pathway:
Notes:

Students may propose and pursue an independent study in the areas of applied arts, computer science, and mathematics with the support and approval of a teacher and administrator.

ENGINEERING PATHWAY CLASSES

DC Introduction to Engineering Design
Course Code: A5541/2   Grades: 09, 10, 11, 12
Credit Type: Applied Arts   Credits: 1.0
College Credit: Dual Credit   Weighted: No
Length: Year   Fees: Dual Credit costs vary
Prerequisites: Pathway: Engineering
Notes:

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software and use an engineering notebook to document their work.

DC Principles of Engineering
Course Code: A5451/2   Grades: 10, 11, 12
Credit Type: Applied Arts   Credits: 1.0
College Credit: Dual Credit   Weighted: No
Length: Year   Fees: Dual Credit costs vary
Prerequisites: Intro to Engineering Design   Pathway: Engineering
Notes:

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem-solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

DC Digital Electronics

Course Code: A5461/2   Grades: 11*
Credit Type: Applied Arts   Credits: 1.0
College Credit: Dual Credit   Weighted: No
Length: Year   Fees: Dual Credit costs vary
Prerequisites: Intro to Engineering Design * Pathway: Engineering
Notes: * or by instructor approval

From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices. Typically this course is taken in the junior year.

DC Engineering Design and Development

Course Code: A5471/2   Grades: 11, 12
Credit Type: Applied Arts   Credits: 1.0
College Credit: Dual Credit   Weighted: No
Length: Year   Fees: Dual Credit costs vary
Prerequisites: Intro to Engineering Design * Pathway: Engineering
Notes: * or by instructor approval

The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing EDD ready to take on any post-secondary program or career. Note, there is no final exam for this course.

DC Applied Engineering

Course Code: A5581/2   Grades: 11, 12
Credit Type: Applied Arts   Credits: 1.0
College Credit: Dual Credit   Weighted: No
Length: Year   Fees: Dual Credit costs vary
Prerequisites: Intro to Engineering Design *   Pathway: Engineering
Notes: * or by instructor approval

A more hands-on course, Applied Engineering addresses engineering principles while students design and build their own fully-functional electric guitar. Students use 3D modeling tools to design their guitar body, then manufacture their guitar body using a computer-controlled CNC router. The course will expose students to woodworking techniques and tools, in addition to specialized guitar-building tools.

ENGLISH LANGUAGE ARTS CLASSES

The high school English/Language Arts program is based on goals that bring together oral language, written language and the use of media and technology. Students are required to earn 4.0 credits in the "Core Courses." Additional Language Arts credits may be earned in the "Elective Courses."

Literature and Composition 09

Course Code: L6051/2	Grades: 09
Credit Type: English	Credits: 1.0
College Credit:	Weighted: No
Length: Year	Fees: None
Prerequisites:	Pathway:
Notes:	

This English Language Arts course for 9th graders examines the major elements of literature (such as plot, characterization, conflict, point-of-view, theme, etc.) as reflected in a variety of short stories, articles, poetry and novels. The study of different cultures and global issues will be linked with reading and analyzing literature from these different cultures. The class will also focus on narrative and expository writing, including the formulation of theme and thesis statements. Emphasis will be placed on achieving state standards in writing, reading, speaking/listening.

Literature and Composition 10

Course Code: L6101/2	Grades: 10
Credit Type: English	Credits: 1.0
College Credit:	Weighted: No
Length: Year	Fees: None
Prerequisites:	Pathway:
Notes: Honors Designation Available	

Students will further develop their skills in reading literature, writing, and speaking. They will read a variety of novels, poems, plays, essays, and short stories and will write in a variety of forms, including narrative, persuasive, and analytical essays. Students will develop skills in research, speech, critical reading, and analytical and expressive writing.

Literature and Composition 11

Course Code: L6151/2   Grades: 11
Credit Type: English   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

This course for 11th graders builds on the reading, writing, and speaking skills introduced in previous years. Students will read a variety of fiction and nonfiction texts. Writing instruction will emphasize persuasive/argument essays and research papers. Students will also prepare for the state writing test, which juniors typically take in the spring. Students must pass this test in order to graduate with a standard high school diploma in Oregon.

DC Writing 121

Course Code: L4651/2   Grades: 12
Credit Type: English   Credits: 1.0
College Credit: Dual Credit   Weighted: Yes
Length: Year   Fees: Dual Credit costs vary
Prerequisites: 3.0 GPA or instructor approval   Pathway:
Notes:

In this course on college writing, you'll develop critical thinking abilities, examine provocative social issues by reading a variety of complex texts, increase rhetorical strategies, practice the writing process, and learn textual conventions. Includes formal and informal writing, responding to a variety of readings, sharing writing with other students, reflecting on writing, and revising individual pieces for a final portfolio of work. The class runs as a workshop in which students will be collaborating with one another throughout the reading, thinking, and writing processes.

General goals for students enrolled in Writing 121 are to develop critical thinking skills; to engage in the reading of critical texts; to think of writing as a process, not a product; to learn about, practice, and acquire new tools that support the writing process; to see writing

as a skill they can transfer outside of the writing classroom, both academically and in life outside school; and to take responsibility for their own learning and education in order to support future success in both college and career.

Literature and Composition 12

Course Code: L6171/2   Grades: 12
Credit Type: English   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

Students will further develop their skills in literature analysis and expository writing. In preparation for the expectations of college and career environments, emphasis is placed on the development of independent analysis, writing and revision, presentation, and discussion moderation.

Journalism

Course Code: L3501/2   Grades: 09, 10, 11, 12
Credit Type: Elective   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

Journalism courses (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasize writing style and technique as well as production values and organization. Journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing. Photography, photojournalism, and digital technology skills may be included.

AP Language & Composition

Course Code: L8101/2   Grades: 11, 12
Credit Type: English   Credits: 1.0
College Credit: AP Credit   Weighted: Yes
Length: Year   Fees: AP tests cost $85 ($32 if eligible)
Prerequisites: 'C' or better in Lit 10 w/ Honors   Pathway:
Notes: Offered even years

This course is a college-level class focused on rhetoric and its uses throughout society, sophisticated analysis and critical reading of primarily nonfiction texts, and writing that centers on the ability to construct sound and valid arguments. Students will investigate the science of language use, and apply this knowledge to their own compositions, and will practice writing at a level necessary to be successful on the Advanced Placement exam and in college. This course has a required summer assignment.

AP Literature & Composition

Course Code: L8201/2   Grades: 11, 12
Credit Type: English   Credits: 1.0
College Credit: AP Credit   Weighted: Yes
Length: Year   Fees: AP tests cost $85 ($32 if eligible)
Prerequisites: 'C' or better in Lit 10 w/ Honors   Pathway:
Notes: Offered odd years

This year-long course is designed to engage seniors in critical analysis and enjoyment of literature. Through talking and writing about complex literature, students deepen their understanding of how writers use language to enhance meaning and engage audiences. They write essays in and out of class. In these ways, they prepare for the Advanced Placement exam in English Literature in the spring. Those who pass the exam may qualify for advanced credit at various colleges and universities. Because of this, students in this course are expected to meet college- level expectations. This course has a required summer assignment.

English Language Development (HS)

Course Code: N2101/2

Credit Type: English (for grades 9-12)

College Credit:

Length: Year

Prerequisites:

Notes:

Grades: 09, 10, 11, 12

Credits: 1.0

Weighted: No

Fees: None

Pathway:

English language support courses are designed to promote English language proficiency in reading, writing, speaking, and listening. Courses at all levels are characterized by sound instructional strategies, challenging curriculum, and learning environments that foster intensive language development. Student progress and academic English language proficiency are demonstrated as content courses are successfully completed and state benchmarks in reading, writing, and speaking are attained.

FINE ARTS CLASSES

Art 1

Course Code: F211X   Grades: 09, 10, 11, 12
Credit Type: Fine Arts   Credits: 0.5
College Credit: Weighted: No
Length: Semester   Fees: None
Prerequisites: Pathway:
Notes:

This class introduce students to the basics of drawing and painting. Focus is on drawing the human body and seeing and being able to replicate values in black and white and color. Color theory and design fundamentals will also be explored.

Art 2

Course Code: F212X   Grades: 09, 10, 11, 12
Credit Type: Fine Arts   Credits: 0.5
College Credit: Weighted: No
Length: Semester   Fees: None
Prerequisites: Art 1   Pathway:
Notes:

This is an exploratory art class. Students will focus on developing individual style through creative exploration, a brief study of art history, and final projects in oil pastel, watercolor, and acrylics.

Computer Graphic Design

Course Code: F271X   Grades: 09, 10, 11, 12
Credit Type: Fine Arts   Credits: 0.5
College Credit: Weighted: No
Length: Semester   Fees: None
Prerequisites: Pathway:
Notes: Paired with Digital Film Making

This course provide students with the opportunity to explore the ways in which computers can produce visual imagery that communicates information and ideas effectively to multiple audiences using a variety of media and formats. Course topics may include principles and elements of design, image creation, image manipulation, and image types. This class is paired with Digital Film Making.

Digital Film Making

Course Code: F490X   Grades: 09, 10, 11, 12
Credit Type: Fine Arts   Credits: 0.5
College Credit: Weighted: No
Length: Semester   Fees: None
Prerequisites: Pathway:
Notes: Paired with Computer Graphic Design

This courses emphasize the application of the fundamental processes of artistic expression for the purpose of shooting and processing of digital images. The courses includes the history and development of cinema, television, and video production. Students explore a range of skills needed to explore contemporary social, cultural, and political issues and creatively solve problems within and through video productions. Students engage in critiques of their cinematic or video productions, those of others, and productions of professional cinematographers or video artists for the purpose of reflecting on and refining work for presentation. This class is paired with Computer Graphic Design.

MATH CLASSES

The mathematics program at BASE is built on the belief that all students should have the opportunity to successfully learn mathematics. We work to develop mathematically literate students who are able to explore, conjecture, reason logically and communicate their knowledge of mathematics. Oregon requires 3.0 credits in mathematics for graduation. In Beaverton, all students take the Algebra/Geometry/Statistics (AGS) sequence of AGSI, AGSII and AGSIII or Accelerated AGS3. We strongly recommend that students who plan to attend a four-year university take an advanced math course their senior year.

Algebra/Geometry/Statistics I (HS)

Course Code: M3811/2   Grades: 09, 10, 11, 12
Credit Type: Math   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

The Algebra/Geometry/Statistics I course is the first in a three-course sequence. The first course focuses on the Algebra concepts, solving linear functions, modeling with linear functions, solving systems of equations, using arithmetic and geometric sequences to develop linear and exponential functions, as well as graphing functions. Geometry concepts include congruence, construction and proof using lines, angles, triangles and other two-dimensional figures. Statistics concepts include basic measures of central tendencies spread, and position.

Algebra/Geometry/Statistics II

Course Code: M3821/2   Grades: 09, 10, 11, 12
Credit Type: Math   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: AGS 1   Pathway:
Notes:

This course is second in a three-year math sequence. More advanced topics in the areas of quadratic functions, triangle geometry and probability will prepare students for AGS III or Accelerated AGSIII the following year. Algebra concepts include quadratics, absolute value, piecewise, and inverse functions. Geometry concepts include similarity, right triangles, quadrilaterals, and circles. Statistics and probability concepts include Venn diagrams, two-way tables, and conditional probability.

Accelerated Algebra/Geometry/Statistics III

Course Code: M3841/2   Grades: 09, 10, 11, 12
Credit Type: Math   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: AGS 2   Pathway:
Notes:

This course is third in the three-year AGS math sequence. More advanced topics in the areas of polynomials, logarithms, geometry, trigonometry, and statistics are presented at a fast pace. Algebra concepts include inverse, logarithmic, polynomial, and rational functions. The class explores trigonometric and composite functions. Geometry concepts include non-right triangles and volume. Statistics focuses on normal distributions and sampling methods. After the successful completion of Accelerated AGS3, students are prepared to take Pre-Calculus.

AP Statistics

Course Code: M7751/2   Grades: 09, 10, 11, 12
Credit Type: Math   Credits: 1.0
College Credit: AP Credit   Weighted: Yes
Length: Year   Fees: AP tests cost $85 ($32 if eligible)
Prerequisites: AGS 2   Pathway:
Notes:

This college-level course in statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1) Exploring Data: Observing patterns and departures from patterns, 2) Planning a Study: Deciding what and how to measure, 3) Anticipating Patterns: Producing models using probability theory and simulation, and 4) Statistical Inference: Confirming models.

DC Pre Calculus

Course Code: M6001/2
Credit Type: Math
College Credit: Dual Credit
Length: Year
Prerequisites: AGS 3
Notes:

Grades: 09, 10, 11, 12
Credits: 1.0
Weighted: No
Fees: Dual Credit costs vary
Pathway:

This college-level course covers topics such as advanced functions: polynomials, rationals, logarithms, and inverses, periodic functions, trigonometric functions, equations, and identities, vectors, polar coordinates, and parametric equations. This course is similar to Math 111 and Math 112 at OIT or PCC. Students have the option to take this course for dual-credit.

AP/DC Calculus

Course Code: M7261/2
Credit Type: Math
College Credit: Dual Credit or AP Credit
Length: Year
Prerequisites: Pre Calculus
Notes: Dual credit and AP credit available

Grades: 09, 10, 11, 12
Credits: 1.0
Weighted: Yes
Fees: AP tests cost $85/DC costs vary
Pathway:

This course is open to students who show a high degree of proficiency in pre-calculus mathematics and who wish to take advantage of the opportunity to study calculus in high school. Topics include differential and integral calculus of functions of a single variable, analytic geometry, limits, differential equations, and applications.
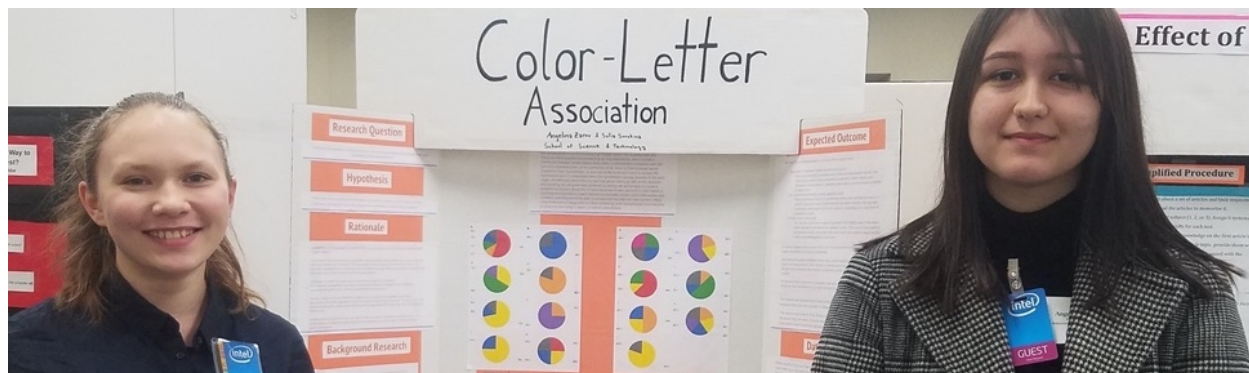
HEALTH CLASSES

Health 1

Course Code: H2011   Grades: 09
Credit Type: Health   Credits: .5
College Credit: Weighted: No
Length: Semester   Fees: None
Prerequisites: Pathway:
Notes:

Students should complete this required course during their freshman year. The coursework covers topics such as building positive self-esteem, conflict resolution, interpretation of media messages directed toward youth, investigations into current trends and treatment of chronic and communicable disease, and avoidance of risk behaviors that contribute to teen pregnancy, sexually transmitted diseases, and alcohol and other drug use. Life Skills development in the areas of goal setting, personal wellness planning, community resource utilization, problem solving, stress management, and in consumer protection will be integrated throughout the course. Examples of possible guest speakers include physicians, nurses, social workers, attorneys, counselors and sexual assault survivors. This course satisfies the requirement of OAR 581-22-2045: Prevention Education Programs in Drugs and Alcohol and OAR 581-22-2050: Plan of Instruction for Infectious Diseases including AIDS/HIV and Hepatitis B.

Health 2

Course Code: H2012   Grades: 09
Credit Type: Health   Credits: .5
College Credit: Weighted: No
Length: Semester   Fees: None
Prerequisites: Health 1   Pathway:
Notes:

Students should complete this required after completing Health 1. Health 2 includes the study of mental health, first aid, violence prevention, healthy relationships, safe dating, teen pregnancy prevention, and parenting in healthy families. Life Skills development in the areas of goal setting, personal wellness planning, community resource utilization, problem solving, stress management, and in consumer protection will be integrated throughout the course. Examples of possible guest speakers include physicians, nurses, social workers, attorneys, counselors and sexual assault survivors. This course satisfies the tenth grade requirements of OAR 581-22-2045: Prevention Education Programs in Drugs and Alcohol, OAR 581-22-2050: Plan of Instruction for Infectious Diseases including AIDS/HIV and Hepatitis B.

SCIENCE CLASSES

In the Beaverton School District (BSD), students must complete 1.0 credit each of lab-based Physics, Chemistry, and Biology to meet graduation requirements. The BSD science sequence will ensure that all students experience both physical and biological sciences to better prepare them for post-secondary opportunities.

STEM Physics

Course Code: C6121/2	Grades: 09
Credit Type: Science	Credits: 1.0
College Credit:	Weighted: No
Length: Year	Fees: None
Prerequisites:	Pathway:
Notes: Honors (H) designation available	

This is a STEM lab-based physics course designed for freshman. Using the processes of scientific inquiry, engineering design, and critical thinking, students will discover and apply patterns in such major physics topics as motion, forces and momentum, energy, waves, and electromagnetism. An important aim of the course is to develop and build students' math abilities, performance in problem solving, scientific literacy, and technical communication skills that will be useful in later science courses. This course will address all ODE physics, inquiry, and engineering standards. The Honors (H) designation is available for this class.

STEM Chemistry

Course Code: C5121/2   Grades: 10
Credit Type: Science   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway:
Notes: Honors (H) designation available for this class

This year-long, STEM lab-based course addresses the Oregon State Science standard for chemistry, inquiry and engineering, emphasizing the connections between the laboratory and the world around you. This course will help students build fundamental science-related math skills and is intended to provide students with college-ready science skills regardless of their higher level educational focus. The course will study the interactions among different forms of energy and matter. Topics addressed will include the structures of atoms and compounds, the Periodic Table of the Elements, chemical reactions and physical changes, gases, solutions, acids and bases, chemical quantities, kinetic theory, and thermodynamics. Students build upon content and skills from physics. The Honors (H) designation is available for this class.

DC Biology I

Course Code: C4111/2   Grades: 11
Credit Type: Science   Credits: 1.0
College Credit: Dual Credit   Weighted: No
Length: Year   Fees: Dual Credit costs vary
Prerequisites: Pathway:
Notes:

This lab-based course covers the foundational principles of modern life focusing on molecular processes. The course is framed around the themes of structure and function as well as interaction and change. All Oregon state standards for Biology, Scientific Inquiry and Engineering Design are covered. Course content will include the studies of biochemistry cellular processes, genetics, evolution, and ecology. Technological, historical, political, and environmental aspects of biology will be addressed. The content learned in physics and chemistry courses is built upon and expanded using a biological context.

AP Biology

Course Code: C4901/2   Grades: 12
Credit Type: Science   Credits: 1.0
College Credit: AP Credit   Weighted: Yes
Length: Year   Fees: AP tests cost $85 ($32 if eligible)
Prerequisites: Biology with 'C' or better *   Pathway:
Notes: Open to 11th grade with instructor approval (* or instructor approval)

AP Biology is equivalent to an introductory college biology course, and should be completed after taking DC Biology I unless a student has received instructor approval. In AP Biology, students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions. Students will develop skills in conceptual understanding, critical thinking, analytical writing, scientific questioning, and an understanding of current practices in the biological sciences.

AP Environmental Science

Course Code: C7901/2   Grades: 10, 11, 12
Credit Type: Science   Credits: 1.0
College Credit: AP Credit   Weighted: Yes
Length: Year   Fees: AP tests cost $85 ($32 if eligible)
Prerequisites: None   Pathway:
Notes:

This course is designed to focus students on the scientific principles of sustainability and how each individual can work toward a more sustainable lifestyle. Sustainability focuses on natural resources and services that support all life and economies. This course is interdisciplinary, involving the fields of ecology, geology, ocean, and atmospheric sciences, climatology, chemistry, geology, toxicology, geography, economics, politics, and ethics. The goals of the course are to provide students with the scientific principles, concepts, and methodologies required to understand interrelationships in the natural world; to identify and analyze environmental problems or challenges (both natural and human-made); to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving these issues.

Science Research

Course Code: C260X

Credit Type: Elective

College Credit:

Length: Semester

Prerequisites:

Notes:

Grades: 10, 11, 12

Credits: 0.5

Weighted: No

Fees: None

Pathway:

In Scientific Research, students conceive of, design, and complete a project using scientific inquiry and experimentation methodologies. Emphasis is typically placed on safety issues, research protocols, controlling or manipulating variables, data analysis, and a coherent display of the project and its outcome(s). Students are encouraged to pursue projects to be entered in the Intel Science and Engineering Fair.

AP Chemistry

Course Code: C5901/2

Credit Type: Science

College Credit: AP Credit

Length: Year

Prerequisites: Stem Chemistry

Notes:

Grades: 11, 12

Credits: 1.0

Weighted: Yes

Fees: AP tests cost $85 ($32 if eligible)

Pathway:

AP Chemistry is an introductory college-level chemistry course that covers the content that would be taught in an entire year of college chemistry. Students attain an in-depth understanding of fundamental skills in solving chemical problems, gain experience in laboratory techniques, and develop data analysis skills by conducting inquiry-based lab investigations. Topics including atomic & molecular structure and properties, intermolecular forces, chemical reactions, kinetics, thermodynamics, equilibrium, and acids and bases. This is a fast-pace course that requires students to do considerable self-study outside of the classroom. Students are required to keep a lab notebook.

AP Physics I

Course Code: C6931/2

Credit Type: Science

College Credit: AP Credit

Length: Year

Prerequisites: Stem Physics

Notes:

Grades: 11, 12

Credits: 1.0

Weighted: Yes

Fees: AP tests cost $85 ($32 if eligible)

Pathway:

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work. Students explore concepts of typical Semester 1

college physics classes, including linear, circular and rotational kinematics, dynamics, energy, wave properties, and simple circuits. Students are required to keep a lab notebook.

SERVICE CLASSES

AVID Peer Tutor

Course Code: E3121/2	Grades: 09, 10, 11, 12
Credit Type: Elective	Credits: 1.0
College Credit:	Weighted: No
Length: Year	Fees: None
Prerequisites:	Pathway:
Notes: Letter grade (A-F) available	

AVID tutors work to cultivate the organization, reading, writing, collaboration, and inquiry skills central to the AVID curriculum. Tutors must be comfortable leading small groups during projects, Socratic seminars, and Tutorials. On Tutorial days, the AVID Tutor will facilitate a group of seven or less students through a structured inquiry process while taking notes, tracking participation, and encouraging participation of the group members. The primary focus is academics, but note that strong candidates should serve as a good role model by maintaining passing grades in all classes, having good attendance, and demonstrating appropriate behavior inside and outside of school. Six hours of training is provided in September.

Student Leadership (HS)

Course Code: E401/2	Grades: 09, 10, 11, 12
Credit Type: Elective	Credits: 1.0
College Credit:	Weighted: No
Length: Year	Fees: None
Prerequisites:	Pathway:
Notes:	

In this course, students will explore different leadership styles and how they apply to their own strengths as leaders. Lessons will focus on development of leadership skills such as communication, decision-making, creative thinking, teamwork, and problem solving. Leadership students will plan and execute campus social activities such as club fairs, socials, dances, and other school-wide events. Application required.

Volunteering

Course Code: R178(2) Grades: 09, 10, 11, 12
Credit Type: Elective Credits: 0.5
College Credit: Weighted: No
Length: Independent Fees: None
Prerequisites: Counselor approval required Pathway:
Notes: .5 credit awarded for 60 hours of service. May do twice for 1.0 credits total.

Students may earn 0.5 credit for 60 hours of service per semester, with a maximum of 1.0 elective credit in the program for 120 hours. Students must document and reflect upon their volunteer experience in order to earn credit. Pre-approval is required before volunteering may begin. See the Internship Coordinator for the Volunteer Packet.

Lab Assistant

Course Code: E704X Grades: 11, 12
Credit Type: Elective Credits: 0.5
College Credit: Weighted: No
Length: Semester Fees: None
Prerequisites: Pathway:
Notes: Letter grade (A-F) available

Lab assistants work with science and biomedical teachers to prepare for student labs as well as support students during the lab itself. Must have teacher permission to be a Lab Assistant.

Peer Tutor

Course Code: E300X   Grades: 11, 12
Credit Type: Elective   Credits: 0.5
College Credit: Weighted: No
Length: Semester   Fees: None
Prerequisites: Pathway:
Notes:

Peer Tutors are needed to support students who need assistance with a specific subject (like math or science). Tutors will be confirmed to have the required skills for this position by the classroom teacher during the first week of the school year.

Teacher Assistant

Course Code: E700X   Grades: 11, 12
Credit Type: Elective   Credits: 0.5
College Credit: Weighted: No
Length: Semester   Fees: None
Prerequisites: Pathway:
Notes: Pass/Fail grade only

Per approval by counselors and teacher, students may elect to take one of these periods to assist other teachers or staff in the building.

Technology Assistant

Course Code: E716X   Grades: 11, 12
Credit Type: Elective   Credits: 0.5
College Credit: Weighted: No
Length: Semester   Fees: None
Prerequisites: Pathway:
Notes: Letter grade (A-F) available

Per approval by counselors and teacher, students may elect to take one of these periods to assist other teachers or staff in the building.

SOCIAL STUDIES CLASSES

Students are required to earn 3.0 credits in the areas of government, economics, history, and geography. Some social studies courses do NOT earn social studies credit toward graduation, so read the course descriptions carefully.

World Geography and Culture

Course Code: S3151/2   Grades: 09
Credit Type: Social Studies   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

World Geography & Cultures introduces students to the concept of the global community as well as to contemporary issues. Cultural components, values, and major issues facing the various regions of the world are emphasized, along with their geographical diversity, providing students with an opportunity to see past the present of these regions and systematically think about their future, emphasizing critical thinking and problem solving. Knowledge and application of the research process and a variety of instructional strategies will be utilized. These include writing assignments, research papers, and oral presentations that emphasize effective communication and critical thinking skills, and that foster curiosity, while preparing students for the challenges of citizenship in a global community. The course is also intended to prepare students to learn to work collaboratively in a spirit of mutual respect with individuals representing diverse cultures, regions and lifestyles.

US History

Course Code: S4001/2   Grades: 10
Credit Type: Social Studies   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

Economics

Course Code: S6051/2	Grades: 11, 12
Credit Type: Social Studies	Credits: 0.5
College Credit:	Weighted: No
Length: Semester	Fees: None
Prerequisites:	Pathway:
Notes: Paired with Government class	

This course studies the ways individual economic agents allocate scarce resources to unlimited wants. Topics include supply and demand, elasticity of supply and demand, consumer behavior, competition, markets, and issues of economic equity. This course also covers the following topics: Gross Domestic Product, inflation, recession, unemployment, government fiscal policy, monetary policy, and international trade.

Government

Course Code: S5051/2	Grades: 11, 12
Credit Type: Social Studies	Credits: 0.5
College Credit:	Weighted: No
Length: Semester	Fees: None
Prerequisites:	Pathway:
Notes: Paired with Economics class	

This course offers an introduction to the role of government in society. It will focus on the American system of federal, state, and local government, the election process, and the U.S. Constitution. An emphasis will be placed on the role of the citizen in American democracy.

AP US History

Course Code: S4101/2	Grades: 11, 12
Credit Type: Social Studies	Credits: 1.0
College Credit: AP Credit	Weighted: Yes
Length: Year	Fees: AP tests cost $85 ($32 if eligible)
Prerequisites: 'C' or better in US History	Pathway:
Notes: Offered odd years	

The Advanced Placement program in US History is a national program designed to serve students who wish to pursue college-level studies while still in high school. Extensive reading using the course textbook, original documents, and other resources is required. Students should be passionate about evaluating, discussing, and debating history. Essay writing and objective testing are integral to the course. Self-motivation and interest in subject material are essential. Students should expect weekly out of class assignments to average 6 – 10 hours. Government and economics are integrated into the curriculum.

AP Government and Politics

Course Code: S5151/2   Grades: 11, 12
Credit Type: Social Studies   Credits: 1.0
College Credit: AP Credit   Weighted: Yes
Length: Year   Fees: AP tests cost $85 ($32 if eligible)
Prerequisites: 'C' or better in US History or AP US History
Notes: Offered even years

This course is an introductory college-level course on US government and politics. Students cultivate their understanding of US government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty, and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis. Prerequisite is US History, passing with a C or better.

Law

Course Code: S5301/2   Grades: 11, 12
Credit Type: Social Studies   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

This course provides an in-depth introduction to criminal and civil law and the legal system, and provides students with the opportunity to study legal issues in our society and in their lives while honing key skills of analysis, speaking, reading, writing and researching. Topics examined Semester 1 include ethics and ideas underpinning the law, as well as all

aspects of criminal law including elements of crimes, defenses to crimes, criminal procedure and the justice system. Semester 2, students will explore civil law of all kinds, with a focus on tort law liability, including issues specifically relevant to the fields of health/biomed, computer science and engineering such as negligence and patent law, as well as intentional and strict liability torts. Students will have the opportunity to research and explore a particular area of law they are interested in and present their learning to their peers in a Symposium, as well as participate in highly relevant Mock Trials. The course provides Social Studies or Elective credit depending on a student's need.

WORLD LANGUAGE

Spanish I
Course Code: W2011/2   Grades: 09, 10, 11, 12
Credit Type: World Language   Credits: 1.0
College Credit: Weighted: No
Length: Year   Fees: None
Prerequisites: Pathway:
Notes:

Students acquire beginning skills in listening, speaking, reading, and writing by building simple vocabulary, presented in a thematic way. Basic grammatical structures are introduced as they relate to the communicative purposes of each theme. Students also begin to understand the cultures of Spanish-speaking countries.

Spanish II

Course Code: W2021/2	Grades: 09, 10, 11, 12
Credit Type: World Language	Credits: 1.0
College Credit:	Weighted: No
Length: Year	Fees: None
Prerequisites:	Pathway:
Notes:	

Students review the vocabulary and grammatical structures of Spanish 1. Students increase their communicative competence through continued study of vocabulary and grammatical structures related to particular themes. The vocabulary and grammar are reinforced through more complex reading selections in Spanish. Culture continues to be an integral part of the course.

Spanish III

Course Code: W2031/2	Grades: 09, 10, 11, 12
Credit Type: World Language	Credits: 1.0
College Credit:	Weighted: No
Length: Year	Fees: None
Prerequisites:	Pathway:
Notes:	

The third year study of Spanish is a continuation of the first two years. Students build upon their skills and continue to learn more complex grammatical structures. Students read authentic texts and speak more extensively in Spanish. Students study culture in the Spanish language.

DC Spanish IV

Course Code: W2041/2	Grades: 09, 10, 11, 12
Credit Type: World Language	Credits: 1.0
College Credit: Dual Credit	Weighted: No
Length: Year	Fees: Dual Credit costs vary
Prerequisites:	Pathway:
Notes:	

This course is a continuation of Spanish III. At this level, a fairly broad range of vocabulary and a good command of all previously learned grammatical structures are essential for success as the course is taught entirely in Spanish. Students further develop skills in speaking, listening comprehension, writing, and reading comprehension. A variety of texts and materials are used to enable students to broaden their awareness of the culture and to further expand their vocabulary. Students develop their conversational skills through a variety of activities including discussions, skits, and storytelling.

ADDITIONAL OPTIONS

Early Release

|	
Course Code: 5501/2	Grades: 11, 12
Credit Type: None	Credits: None
College Credit:	Weighted: No
Length: Semester	Fees: None
Prerequisites:	Pathway:
Notes:	

Student may request this and be granted an Early Release of Late Arrival per the approval of their parents and counselor.

Late Arrival

Course Code: 5251/2	Grades: 11, 12
Credit Type: None	Credits: None
College Credit:	Weighted: No
Length: Semester	Fees: None
Prerequisites:	Pathway:
Notes:	

Student may request this and be granted an Early Release of Late Arrival per the approval of their parents and counselor.
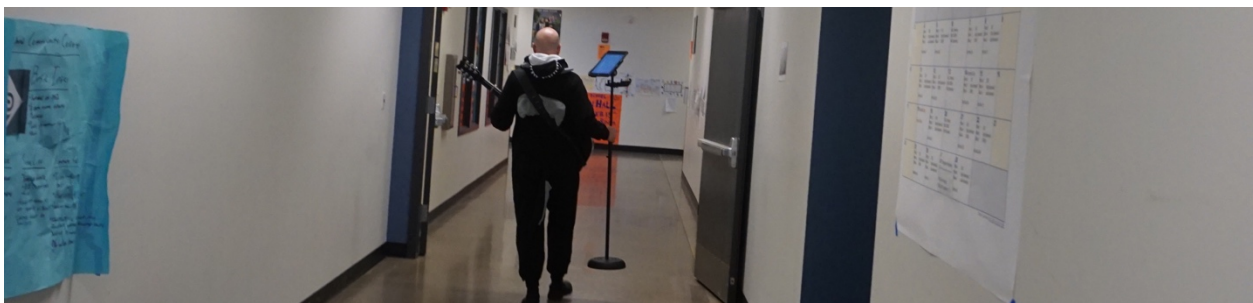
Academic Integrity

Academic Integrity Policy

BASE expects all students to adhere to the highest standards of academic honesty and integrity. Violations of academic integrity include cheating, plagiarizing, turning in another's papers or projects, giving one's work to others, passing test information to others, misrepresenting other's work as their own, or being found in possession of another's work.

What Is Plagiarism?

Definition: Plagiarism is the use of another person's words, ideas, or facts as if they were your own, without giving credit to the original source.

Examples:

- You are plagiarizing when you use information from another source without including proper documentation (e.g. citations and a list of works cited or bibliography).
- You are plagiarizing when you turn in another student's work as your own or allow someone else to copy your work; this work might include homework, tests, papers, or other assignments.
- You are plagiarizing when you copy materials from sources such as the Internet, books, or periodicals without introducing the material or using citations to show the beginning and end of the "borrowed" material.

(Adapted from the OCTE pamphlet "What's Plagiarism and How Can You Avoid It?")

Guidelines for Avoiding Plagiarism:

- Indicate clearly when you use anything from another person's work, even if only a phrase or a single keyword, by using quotation marks. If you use more than three words from a source in a row, put them in quotation marks and cite the source.
- When summarizing or paraphrasing, distinguish clearly where the ideas of others and your own comments begin.
- When using another person's ideas, credit the author by name and identify the work in which you found the idea.
- Err on the side of caution by giving credit whenever you suspect you are using information, other than general knowledge, from a source.
- If you are unsure if you are plagiarizing, it is your responsibility to consult with your teacher regarding the work before the assignment is due.

(Adapted from Write for College, published by Write Source.)

Note: Assignments or portions of assignments submitted in a class may not be submitted in a second class unless the teacher of the second class gives prior

approval. Submitting the same work in multiple classes (or even in a class previously taken) without authorization will bear the same consequences as plagiarism.

In revision:

Consequences for Plagiarism or Violations of Academic Integrity
Violations of academic integrity result in these consequences:
1. Parent/Guardian contact.
2. Discipline referral and consequences according to the Student & Parent Resource Handbook.
3. Ineligibility for Valedictorian..
4. The assignment will not be accepted for the course.

For second offenses, more extreme cases, or cases that occur in AP or college level classes, the consequences may also include:
1. Notification of teachers who have written letters of recommendation and possible withdrawal of letters of recommendation.
2. Notification of colleges through Common Application updates.
3. Notification of National Honors Society.
4. Notification of all of the student's current teachers.

Advanced Programs

BASE, Portland State University, Oregon Institute of Technology, Community College partners, and the Advanced Placement Program are all committed to encouraging participation in advanced programs by a variety of students. The courses are designed with a diversity of students in mind. Any student who is curious and willing to accept significant academic challenges should consider taking one of these courses. Students planning to pursue advanced programs should discuss their options with their counselor and teachers. Students should carefully consider the number of advanced classes they request against their extracurricular activities and other responsibilities outside of school.

Advanced Placement Program

In operation since 1955, the Advanced Placement Program has a long record of providing students the opportunity to take college-level courses and examinations while still in high school. Participation in an AP class brings many benefits to students:
- AP courses provide the chance to study a particular subject in more depth
- AP courses prepare students for the demands of college work and help with achievement in other courses
- Depending on AP national exam scores and a student's choice of college, students may qualify for college credit.
- In 2020, each exam will cost approximately $80. This is subject to change per College Board..

For the 2019-20 school year, students who want to participate in the national AP exams in May will be required to register and pay for AP exams in the fall. This is a change in practice for AP Exams. Students who register late for exams will be assessed at minimum $50 fine per test.

Students with financial need can apply for test fee waivers. See your counselor for additional information.

College/University Dual Credit Options

In addition to the Advanced Placement Program, students at BASE may earn college credit through Portland State University, Oregon Institute of Technology, PCC or other community colleges.

Portland Community College and other colleges also offer the opportunity for students to earn college credit while taking courses at BASE.   Listed below are the courses that offer this option. As additional courses are continually being added, students should speak with their teachers or counselor about these opportunities.

Current dual credit courses include:

- Calculus 1 DC
- Writing 120/121
- Spanish IV
- Pre-Calculus
- Principles of Biomedical Science
- Human Body Systems
- Medical Interventions

- Biomedical Innovation
- Introduction to Engineering Design
- Principles of Engineering
- Digital Electronics
- Engineering Design and Development
- Applied Engineering
- Biology I

Note: While colleges within the Oregon Public University System generally accept dual-credit and AP course credits based on examination scores, out of state and private institutions may not. It is your responsibility to contact your post-high school colleges and university options to inquire about the acceptance of AP and dual-credit courses towards college credits. Your high school counselor can also help you with this process.

Please refer to the C3 site to help you understand the pros and cons of taking dual-credit courses or earning college credits in high school linked here: http://c3oregon.org/accelerated-learning. This site "is designed to help act as a roadmap for students considering earning dual-credit [college credit] while in high school, and wishing to utilize these college credits they earn after they graduate from high school." (PCC C3 Dual Credit Program)

Please be aware that the colleges and universities that award the dual credit may change from year to year.

High School Level Placements

Math Placement:
Students will automatically be forecasted for the core sequence of math classes unless they choose to challenge that placement through a placement test. Placement tests will be offered in May for current BASE students. Incoming or new BASE students may take a placement test during the week of Registration in August. More information on the dates and times of the offered placement tests will be communicated through the school website and counseling office.

Spanish Placement:
BASE only offers Spanish classes for students beginning in 8th grade year. There will be no exceptions made to this policy. 8th grade students will automatically be forecasted for Intro to Spanish unless they choose to challenge that placement through a placement test. Placement tests will be offered in May for current BASE students. Incoming or new BASE students may take a placement test during the week of Registration in August. More information on the dates and times of the offered placement tests will be communicated through the school website and counseling office.

College Admissions

General Requirements for Freshman Admissions
To be considered for freshman admissions students must meet each of the minimum requirements as specified below.

Some colleges have specific admission requirements that are unique and should be planned for early in high school. For example, California schools require students to earn 1.0 credits in the same type of fine arts, Arizona schools often require 4.0 credits of math in addition to 1.0 credit of fine arts, and the University of Washington requires a senior year math-based courses such as statistics, advanced computer science, physics, etc.

*Although not required, colleges also look for involvement in school and community activities such as sports, clubs, student government, volunteering and part-time jobs.

*Information from Oregon Goes to College http://oregongoestocollege.org/requirements

Understanding Your Transcript

Credits

Credits are the units by which academic progress is measured. Students may register for seven classes plus a study hall each term. Each semester class successfully completed will earn one-half credit towards the 24 required for graduation. Each semester lasts eighteen weeks. Grades other than final semester grades serve as progress reports to students and parents and are not reflected on a student's official transcript.

Weighted Grades

Students graduating from Beaverton high schools have both a regular grade point average (GPA) and a weighted GPA on their academic transcripts. "Weighting" a grade adds to the GPA earned in certain courses. In the Beaverton system, grades of A, B, and C earned in weighted classes will earn an extra grade point. Therefore, an "A" in a weighted class yields 5 grade points (4 points for the "A" and 1 more point as a weighted "bonus"), a "B" will yield 4 grade points, and a "C" will yield 3 grade points. A student's GPA is a number calculated using two factors: credits attempted and "grade points," which are awarded to letter grades. Advanced Placement (AP) courses will be weighted. Also, some dual credit courses will be weighted. All weighted courses are indicated in the Course Description Guide.

Credit Categories

Students must earn the required number of credits in each category outlined in the Graduation Requirements Credit summary (the top right section) of the transcript. Each course at BASE is assigned to one of these categories, and this information can be found in the Course Description guide.

State Testing/Essential Skills Assessment

Statewide assessments are given in writing, reading, and mathematics. Students must demonstrate proficiency by passing each of these tests in order to graduate with an Oregon Standard Diploma. In some cases, work samples that meet state standards may be used to meet graduation requirements for essential skills if students do not meet on the SBAC or ACT. Most students will take these tests in their junior year.

International Grades

Any passing grades earned through non-American schools outside the United States will automatically be converted to "Pass" grades on the Beaverton transcript. These grades will have no impact on overall GPA.

Diploma Distinction and Graduation

Graduation Ceremony

Only those students who have earned 24 or more credits <u>and meet Oregon graduation requirements</u> **before** the graduation day may participate in the graduation ceremony. Students must earn at **least 20.5 credits** by the end of the first semester their senior year to be on track for graduation. All fines and fees must be paid for students to participate in graduation activities.

Valedictorian Requirements

The valedictorian will be the graduating senior with the highest cumulative weighted GPA. The Valedictorian must attend BASE for at least three of their four years of high school, completing the senior year at BASE.

Honor Roll

Students with a 3.5 GPA in any one semester will be eligible for the Honor Roll for the following semester. Students who improve their GPA by at least 0.5 from one semester to the next will be eligible for the Progressive Honor Roll. In addition to GPA requirements, students must also demonstrate academic integrity.

Grading

Standards Based Grading: Grading involves an evaluation of student achievement guided by learning targets standards for reporting on student academic achievement. The intent is to measure where a student currently stands in mastering a long-term target. Our classes use a standards-based grading process based on a 1-4 continuum. The numbers reflect how a student is performing on particular learning targets within a given subject. The number 4 is considered "highly proficient" and 1 is "developing." In most courses, the long-term learning target summary judgment scores are averaged to determine an overall grade for the course. However, individual teachers determine how students will demonstrate their learning and how their progress will determine the letter grade. Please read teacher syllabi carefully for full descriptions of how grades are determined for each class.

Weighted Grades: Students graduating from Beaverton schools have both a regular grade point average (GPA) AND a weighted GPA on their academic transcripts. Weighted courses are indicated in the course description with a designation of "Weighted Class". "Weighting" a grade adds to the GPA earned in certain courses. In the Beaverton system, grades of A, B, and C earned in weighted classes will earn an extra grade point. Therefore, an "A" in a weighted class yields 5 grade points, a "B" will yield 4 grade points, and a "C" will yield 3 grade points. A student's GPA is a number calculated using two factors: credits earned and "grade points," which correspond to a letter grade.

Pass/Fail Grades: Courses that do not have specific learning targets may receive a grade of Pass or Fail. A pass grants credit but does not affect the GPA. Fail does not receive credit and DOES calculate into the GPA. Courses granting P/F grades are usually tutoring/office aide assignments or classes specifically designated in a student's Individual Education Plan (IEP).

Late Arrival / Early Release

Students in the 11th and 12th grade may choose to arrive late to school or leave school early as their 8th class assignment. Students must pass each class, with a C or better, in the previous semester to be eligible for Late Arrival or Early Release. Students, Seniors, who have not yet passed their state testing requirements may have their Late Arrival or Early Release replaced with a Supervised Study until Essential skills are passed at the Counselor or Administrator's discretion.

Students with either Late Arrival or Early Release are expected to provide their own transportation as **they will not be allowed to remain on campus during any period they are not enrolled in a class. Parent/Guardian permission required to enroll.**

Off-Campus Courses

Students may apply no more than **6 credits** of off-campus credits toward fulfilling graduation requirements taken while currently enrolled as a BSD student. All courses must be approved by the student's counselor prior to enrolling in any course outside of BASE. The courses must be from an AdvancedEd Accredited Academic Institution, led by/taught by a licensed teacher in the content, and approved by your counselor/admin prior to enrollment. The content of external courses must substantially match the content of the equivalent course currently offered in the Beaverton School District course catalog. Courses may be documented by obtaining a transcript from an accredited school that offered the course.

Credit Recovery Courses

BASE offers online credit recovery courses for core credits and Health 1 for students who earned an F in those courses. With the guidance of the student's counselor and mentorship of the Teacher of Record in the content area, students may recover a failed course and receive a "P" on their transcript if the course is passed. Students who earn an "D" or an "F" in a course can also take a course for grade improvement. Students will need to work with their counselor for the best option.

Credit recovery options include:

> **Math:** ALL AGS courses, Geometry, Algebra 2, Prob/Stats and FAT
> **ELA:** Lit and Comp 9, 10, 11, and 12
> **Science:** Physics, Chemistry, and Biology
> **Social Studies:** Global Studies 9, American Studies 10, Government 1, and Economics 1
> **Health:** Health 1 and Health 2

Credit Recovery for AP, dual-credit or elective courses are not offered. Course offerings are subject to change based on Teacher of Record availability and funding. Students interested in credit recovery should contact their counselor prior to and during the forecasting season. See counselors or Administration for details.

Course Repetition

Most courses for which students receive a passing grade **may not be repeated** for credit, though there are some exceptions in the elective course areas. Students should discuss the implications of repeating courses with passing grades with their counselor before they are taken.

Students who receive a "D" or "F" grade may repeat the course for a change of grade. The "D" or "F" grade will convert to an "N" mark on the transcript, and the new course with the new grade will be recorded during the semester in which the class was retaken. Four year colleges do not count D's in core classes as meeting requirements for college entrance. It is recommended that students retake courses in which they earned a D. See counselors for details.

Independent Study

Students may occasionally work with individual teachers on an independent study course. There are specific criteria attached to this type of course. A contract must be completed and submitted within the first two weeks of the semester to be considered for elective credit. See your teacher for the actual contract and further details.

Work Related Credit Options

School to Work Opportunities
BASE's School-to-Work Careers program aims to improve the way students are prepared for college, careers, and citizenship. The goal is to improve learning through interesting and relevant experiences that integrate school-based and work-based learning and foster real-world applications of principles and concepts. Students interested in school-to-work activities should speak to BASE's School–to–Work Coordinator and their counselor for more information and registration. The following opportunities are available to BASE students:

- Community Service: Students who would like to earn 0.5 elective credit for their volunteer experience must complete some course requirements and 60 hours of community service. A total of 1.0 elective credit can be earned through volunteer-related activities (120 total hours of community service). Your counselor and the Internship Coordinator are a great resource for local volunteer

opportunities for students. The Community Service opportunity is open to all grade level students. IMPORTANT NOTE: Pre-registration with the School-to-Work coordinator at the beginning of each semester is required to earn credit.

- Structured Work Experience: A currently employed student who would like to gain additional skills in the workforce may receive 0.5 elective credit per semester after completing some specific requirements. A total of 1.0 elective credit can be earned by **juniors and seniors** through work-related activities. IMPORTANT NOTE: Pre-registration with the School-to-Work coordinator at the beginning of each semester is required to earn credit.

Withdrawal From School

Students planning to transfer to another school must present a written request from a parent/guardian to the Counseling Office. The registrar will issue a withdrawal slip for the student to present to teachers in order to receive grades and return textbooks and Chromebook. Withdrawing from school for any reason other than transferring to another school requires working with a counselor and/or administrator. Students are automatically withdrawn following the 10th consecutive day of absence per Oregon law. State law prohibits students from leaving school before age 18 or earning a GED or high school diploma. A release from compulsory education may be granted at 16 or 17 years of age under special circumstances (see counselor or Administrator).

Schedule and General Course Information

1. The State of Oregon requires students to complete **a minimum of 24 credits to earn a high school diploma.** Our semester schedule gives you the opportunity to earn 7.0 credits each year (seven 0.5-credit classes per semester) for a total of 28 possible credits earned during a four-year course of study.

2. Make certain you pay close attention to graduation requirements. Develop a Personal 4-Year Plan with your counselor that addresses all the years you have left in high school, including graduation requirements and college or career expectations.

3. Elective classes are designed to build skills in areas of study that meet student needs for college admission, the pursuit of career pathways, and individual interests. Some elective courses have fees; some courses that receive college credit require testing fees and/or college tuition fees. The inability to pay fees should not interfere with enrollment in a course. Students who are unable to pay the fee should discuss the possibility of a scholarship or fee waiver with their counselor.

4. When selecting elective choices, students should consider elective subjects carefully and select viable alternative classes. While we strive to provide students with their first choice in classes, due to scheduling conflicts, alternate courses on your forecasting list will be selected if a conflict occurs. Choose your alternates carefully.

5. Students and parents/guardians should review the 4-Year Plan each term and update it as necessary (the 4-Year Plan is found in CIS). Careful and thoughtful selection of required and elective classes lead to meaningful in-depth study in areas of interest.

6. Although certain courses are required, students need to read the course descriptions before filling out the course forecasting worksheet appropriate for their grade level. In most cases, courses that meet for one semester earn 0.5 credits. Courses that meet for two semesters earn 1 credit.

7. **Choose courses carefully! We hire teachers and create classes based on student requests so changes will not be possible after forecasting is finished. Students will be expected to accept and complete the classes they request (including alternates).**

BASE Schedule

The current school day runs from 7:30 a.m. to 2:05 p.m. All classes are on an A/B block schedule. Periods 1, 3, 5 & 7 meet on "A" days, which alternates with periods 2, 4, 6, & 8 on "B" days. On Mondays, Wednesdays, and Fridays, students meet with their CREW Classes. On Tuesdays and Thursdays CREW classes do not meet.

Schedule Changes and Corrections

Counselors work very hard to give students their first choice or chosen alternate courses requested during the February forecasting process. If a scheduling error is made (you are in the wrong level, you did not have the course on your forecasting sheet as a first choice OR alternate), counselors need to be notified **before** school begins so corrections can be made. If alternates were not selected on the forecasting form, counselors and/or admins will select alternates that fit your schedule for you. Because the offering and staffing of many courses depend upon the requests made during the spring, students are expected to accept and complete the courses they have requested during the forecasting process. We are not able to offer students the option of scheduling classes with specific teachers or at specific times. The schedule strives to ensure equity to all students and to maintain balanced class loads for teachers.

Schedule Changes after the Term Begins

Students **may not drop or add classes *after the first 10 days*** of the term. High school courses dropped after the first 10 days result in a grade of Withdraw/Fail (W/F) on the student transcript for that course. This grade counts against the student's G.P.A. When students **drop courses within the first 10 days, the course will be replaced with a Supervised Study, Early Release, Late Start, or course selected by the counselor or admin.** There are rare exceptions to this practice which primarily relate to significant, documented medical issues. Counselors or an Administrator can offer more information.

We do not make schedule changes to switch teachers, change class periods, or to accommodate Early Release/Late Arrival needs.

Student Education Plan and Profile (StEPP)

All students must complete Personalized Learning Requirements. To meet these requirements, (StEPP) each student must:
1) Develop an education plan and build an education profile
2) Participate in career-related learning experiences (CRLE's)
3) Apply and extend knowledge in an extended application

Opportunities for career education activities are available in grade level Crew class, Pathway programs, and throughout the school year. Students are expected to participate in these activities and complete any activities they miss. To keep track of the required items to earn the 0.5 Career Education credit students can check CIS using the CIS icon on the BSD Student Bookmark page.

College Planning

Some colleges have specific admission requirements that are unique and should be planned for early in high school. For example, California schools require students to earn 1.0 credits in the same type of fine arts, Arizona schools often require 4.0 credits of math in addition to 1.0 credit of fine arts, and the University of Washington requires a senior year math-based course such as statistics, advanced computer science, physics, etc.

FRESHMAN YEAR COLLEGE PLANNING

Planning ahead is a critical step in the college process. These are some key things to focus on and begin during freshman year.

1. Focus on organization and study skills to earn excellent grades. Freshman year is critical in establishing overall GPA.
2. Identify the Pathway program or programs you intend on completing.
3. Become involved in extracurricular activities.
4. Career Education: Begin building CIS portfolio
5. Find opportunities to volunteer in the community.
6. Begin developing a four-year plan to meet college and career goals.
7. Take challenging courses.
8. Browse college websites and admission criteria. Refer to oregoncis.uoregon.edu for college sort options.
9. Attend District Post High School planning nights. Refer to BASE's website or the BSD Website for dates and locations..

SOPHOMORE YEAR COLLEGE PLANNING

Concentrate on academic preparation and college readiness skills. Continue to explore post-high school options that meet college and career goals.

1. Keep grades up. If there was struggle freshman year it's important to raise grades and improve the transcript this school year.
2. Continue to stay involved in school activities, community activities or volunteer commitments.
3. Review CIS activities for career research and recommended high school courses.
4. Begin to attend College Rep visits at BASE (these happen in the Fall). This is a great time to begin exploring options.
5. Talk with your counselor about registering for the PSAT in October. The PSAT is a preliminary test that will prepare you for the SAT. This is only a practice test and will not be used for college admissions.
6. Take the pre-ACT practice test in after Winter Break and during the school day at BASE. All students are registered for this exam.
7. Explore college websites admission requirements to consider courses needed during junior year. Consider how all coursework requirements fit in class schedules. Discuss with counselor appropriate AP courses if student has not yet enrolled in an AP course.
8. Attend district post high school planning nights. Refer to BASE's website for the yearly calendar or BSD website.
9. Look on scholarship database, through the scholarship part of BASE's website to see if there are eligible scholarships for 10th grade students and to become familiar with what scholarships require.

JUNIOR YEAR COLLEGE PLANNING

Begin the college selection process. Attend college fairs, financial aid seminars, district college planning to learn as much as possible about the college application process.

1. Keep the rigor and grades up. When applying to school in the fall, colleges will first see junior year grades.
2. The junior and senior year has the most weight in the college admissions process.
3. Get involved in community and school. Community service and extra-curricular activities are one key component of scholarship opportunities.
4. Continue creating activities list. Record and keep CIS portfolio updated.
5. Register for the PSAT in early October. Junior year PSAT scores may qualify a student for the National Merit Scholarship competition and the National Achievement and the National Hispanic Scholars program; along with a varity of other scholarship opportunities. Scores will not be used for college admissions, but it is still recommended to take one last practice for the SAT. _Register for the October_

6. Continue attending college rep visits, in the Fall at BASE, and exploring colleges and universities you may be considering.
7. Attend the Portland National College Fair at the Convention Center in the fall to explore college opportunities across the country.
8. Visit college campuses
9. Take the ACT college admission exams. All juniors at BASE take this exam. The ACT may be taken multiple times to earn the best score possible.
10. Attend District Post High School Planning Nights. Refer to the BASE and the BSD website for yearly calendar.
11. Narrow down to 3-5 schools to apply to in the fall of your senior year.
12. Review the scholarship database list on the BASE website to begin a timeline of scholarships to apply for during senior year.   Look to see if scholarships are available for any juniors.
13. Know NCAA ([National Collegiate Athletic Association](#)) requirements if planning to play sports or participate in a NCAA activity in college.

SENIOR YEAR COLLEGE PLANNING

It's time to apply and begin the steps to reach post high school college and career goals.

1. Keep the rigor and grades up. Don't drop classes second semester. Colleges will see and notice if a student dropped a class and they want seniors to challenge themselves to be prepared academically for college.
2. Make a timeline of deadlines for college applications and submit applications.
3. Review required application procedures and documents required carefully. Not submitting all items will delay your admission status.
4. Provide four weeks' notice to counselor and teachers for letters of recommendations. Speak with teachers and counselor before sending links requesting a letter of recommendation.
5. If concerned about your ACT or SAT score, work with your counselor. Retake the ACT or SAT to try for a higher score, if necessary.
6. Attend district Post High School Planning Nights. Refer to BASE & BSD website for yearly calendar.
7. Create a FAFSA ID and get documents together to submit FAFSA or ORSAA after October 1st to ensure you do not miss important deadlines.
8. Apply for the OSAC scholarship at oregonstudentaid.gov. One application for multiple scholarships.
9. Refer regularly to the scholarship database on the BASE website for current scholarship opportunities.
10. Check your email & college postals regularly. Open all documents received through email and mail from colleges a student has submitted an application to. Don't miss important deadlines or information they may still be requesting.

BSD/OSAA Activity & Athletic Eligibility

Please note that BSD Board Policy requires students to be enrolled in at least 2.5 credits each semester, earn at least 2.5 credits in the semester prior to the season, and be on track to graduate in four years to participate in athletics and OSAA activities. It covers all high school students involved in interscholastic athletics or in extra- curricular activities that involve competition between schools or public performances. Activities and athletics require a participation fee. Fees for 2020-21 school year are yet to be determined and must be paid to the high school where the student is participating in the activity or athletics.

Eligibility of Participation

Students must meet Beaverton School District and OSAA eligibility standards if they wish to participate in athletics or activities. All ninth graders are eligible to participate during the first grading period of the school year if they are taking five or more classes. After the first grading period, there will be additional academic standards for all students. Students must be enrolled in a minimum of five academic classes that earn credit for eligibility.

BASE students must meet the following requirements in order to participate in athletics and/or activities:
- Students must attend all classes each day in order to participate in practice, an event, game or activity.
- Demonstrate good citizenship in the school and in the community.
- Adhere to school rules and the training rules of the school, 24 hours a day.
- Have a parent-signed participation form before tryouts or the first practice.
- All 9th and 11th graders, and any students new to the district who have not had a physical within the last two years, will be required to have a physical. BSD will accept physicals dated after May 1, 2020, recorded on BSD forms (available on the website of the schools where the student is participating in the spring or in the Athletics Offices).
- Indicate emergency medical treatment approval and provide documentation of insurance.
- Travel by school authorized transportation only.
- Demonstrate adequate progress toward graduation with the following number of credits earned by the start of the school year: Sophomores - 4.5 credits, Juniors – 10 credits, Seniors – 17 credits.
- **Fifth year seniors are not eligible to participate.**

In addition, students must meet the following Oregon School Activities Association (OSAA) requirements to participate in athletics and/or activities:

- A student must reside in the attendance area of the school district he/she represents in competition.
- A student must be enrolled in courses or work which will offer 2.5 credits each semester honored by BASE. Credit for work experience, independent study and credit recovery will satisfy this requirement.
- Earn 2.5 credits the semester before the season begins.

Academic Support Program for Athletics/Activities

The Beaverton School District enforces an Academic Support Program for all students involved in athletics or activities that compete or perform. These students must be passing at least five classes during their participation. OSAA eligibility is reviewed each time grades/progress reports are sent home. Students with any failing grades must participate in the ASP until grades are passing.

For additional details contact the Athletic Director office at your neighborhood comprehensive high school. Students interested in the rules and regulations of college athletic scholarships are encouraged to visit: www.ncaacleaaringhouse.net.