

Blanchet Catholic School



COURSE CATALOG

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Mission Statement

Blanchet Catholic School provides a comprehensive education program that enables students to: be challenged by an academically rigorous curriculum, grow toward maturity in Christ, contribute to the enrichment of society, and participate in the traditions of the Catholic Church.

Statement of Philosophy

We at Blanchet Catholic School commit ourselves to creating a Catholic preparatory academic community dedicated to providing a quality education for the whole person.

Intellectually/culturally, we:

- dedicate ourselves to the principle that all students can learn;
- offer a tailored curriculum: college preparatory with options;
- stress excellence in academic skills;
- create a “safety net” of academic counseling;
- promote regular, open communication among parents, faculty, staff and students;
- provide opportunities for students to experience and perform a broad spectrum of fine arts.

Spiritually/emotionally, we:

- build a living Catholic Christian community based on Gospel values and learn to regard one another with understanding and respect;
- develop a personal concern for each student;
- provide an environment for the serious search for an authentic Catholic Christian spirituality through Theology courses, liturgies, campus ministries and retreats;
- encourage responsibility for the wider community.

Socially/physically, we:

- provide students with leadership training and opportunities;
- offer instruction in group skills;
- stress the importance of cooperation, responsibility, lasting friendships and a strong sense of community;
- assist in the development and refinement of physical skills;
- teach respect and care for ourselves and others;
- foster cooperative behaviors in social and athletic activities.

Financially, we:

- offer a flexible tuition program;
- make scholarship opportunities available;
- provide a financial assistance program.

Purpose

This guide sets forth the graduation requirements and course offerings of Blanchet Catholic School. Parents and students are encouraged to read and utilize this information to make informed choices about course offerings for the following school year in light of future goals, academic readiness, and graduation requirements.

Blanchet anticipates offering the elective courses listed. However, if insufficient number of students forecast for an elective course, the course will be dropped.

A separate publication, the Parent and Student Handbook, sets forth school policy in areas such as attendance, behavior, participation in co-curricular activities, and tuition payment. It lists and describes the administration and student services, and provides specific information on bell schedules, school hours and phone numbers. The Parent and Student Handbook will be available online at the beginning of the school year.

Academic Policies

A complete description of all potential courses and programs offered at Blanchet Catholic School is contained in this Course Catalog.

Academic objectives in a college preparatory school depend heavily on work performed at school and at home. Homework for the Blanchet Catholic School student is not limited solely to written work; it also includes reading, studying, organizing notes into usable study form, and preparing for exams, projects, reports, presentations, etc. The purpose of homework is to reinforce material already taught and to foster habits of independent study. Daily homework is part of the Blanchet Catholic School experience. Assignments vary, but homework may be given daily. Good study skills are essential to academic success in both secondary school and college. Because such study skills and habits are developed and enhanced by regular homework, Blanchet Catholic School views homework as an important part of its educational program. The responsibility for homework is shared among faculty, students and parents, each having an important role to play in the development of good study skills and study habits.

Academic Honesty

Honesty is the minimum expectation of all Blanchet Catholic School students in the performance of all academic work. Cheating and plagiarism (defined as copying the work of another and passing it off as your own) are forms of academic dishonesty. This includes, but is not limited to, copying the homework of classmates. Students may receive zero credit for the assignment. Parents will be contacted. **Academic dishonesty is a severe infraction and students involved will be dealt with accordingly. Consequences may include detention, suspension and possible expulsion.**

Required Classes Mid-High Program

Grade 6

English
Mathematics
Physical Education/Health
Religion
Integrated Science
Social Studies
Electives Wheel

Grade 7

English
Mathematics
Physical Education/Health
Religion
Integrated Science
Social Studies – World Geography
Selected Elective

Grade 8

English
Mathematics
Physical Education/Health
Religion
Integrated Science
Social Studies – United States History
Selected Elective

Mid-High Course Descriptions

English 6

Grade Level: 6

English 6 emphasizes the areas of reading, writing, and language skills. Reading strategies, critical thinking skills, and vocabulary building comprise the main elements of reading instructions. Students will participate in 2 novel studies focusing on plot elements. Sentence and paragraph structure will be a primary focus in writing, leading to multi-paragraph papers. Vocabulary, spelling, and grammar assignments will be another important focus area in the class. The overall goal of the class is to increase the literacy and writing ability of students.

English 7

Grade Level: 7

English 7 presents an overview of popular and seminal texts meant to further students' understanding of literature. Focusing on the 5 elements of literature, students explore plot, conflict, theme, character, and setting. Students will also read non-fiction texts and learn about the different text structures of those pieces. In doing this, students will be better able to comprehend and analyze the increasingly complex texts they encounter in other classes. The class will learn about writing argument papers, conducting research, drawing evidence to support claims, and write explanatory pieces to convey ideas, concepts, and information.

English 8

Grade Level: 8

This course focuses on writing, grammar, vocabulary, and literature. Literature is analyzed and evaluated through various short stories, novels and plays.

General Math

Grade Level: 6-7

General Math is a course designed to provide students the opportunity to review and expand their knowledge of Math skills that are needed to be successful at the middle school level. This may include, but is not limited to, understanding place value and operations using all rational numbers (whole numbers, fractions, decimals, percent's, integers).

Mid-High Math I

Grade Level: 6-7

Mid High Math I is a course designed to provide students with the opportunity to study and develop an understanding of operations on all rational numbers and solving linear equations and inequalities. Students will study and develop an understanding of and use formulas to determine surface area and volume. Students will study and develop an understanding of proportionality, including similarity.

Mid-High Math II

Grade Level: 6-8

Mid High Math II is a course designed to provide students with the essential skills for pre-algebra. Students have the opportunity to practice and review math concepts, computational skills, and problem solving strategies involving whole numbers, fractions, and decimals. A major focus is on integers, solving equations, rational numbers, ratios and proportions, percent, and measurement geometry. Students successfully completing this course will be prepared for pre-algebra or an equivalent.

Pre-Algebra

Grade Level: 6-8

This course is designed to provide students with the skills needed to be successful in Algebra I. Students will have the opportunity to learn about variables, expressions, rational and irrational numbers, real numbers, right triangles, solving multi-step equations and inequalities, ratios, proportions and probability, linear functions, measurement of area and volume, data analysis and angle relationships and transformations.

Religion 6

Grade Level: 6

This class will focus on an overview of the Old Testament and its meaning to Catholics. Students will learn about Old Testament Biblical figures and the Covenants that God established through their mediation. In addition, students will learn about the Church's liturgical seasons, Saints, prayer life, and formulas of Catholic Doctrine.

Religion 7**Grade Level: 7**

This course explores how our faith calls us to listen, understand and act on the message of Jesus as revealed in the writings of the New Testament. We will compare and contrast the four Gospels. We will explore the seven Sacraments instituted by Christ, entrusted to the Church. We will experience traditions of the Catholic Church as we journey through the liturgical year, focusing on feast days of Saints. We will practice different forms of prayer.

Religion 8**Grade Level: 8**

This full-year course focuses on Church History and Morality. We study Church History through the lens of the Divine Economy. We investigate God's Providence at work in His Church and in the world in each successive age of history from the Resurrection to the present day: the "wise arrangement by stages, whereby the mystery that is Christ is brought to fulfillment" (Jean Corbon, *The Wellspring of Worship*). We also hone the skills of a historian by examining a variety of primary and secondary source documents and practicing close reading of important texts. We study Morality through the lens of Virtue Ethics as articulated by Aristotle and St. Thomas Aquinas.

Integrated Science 6**Grade Level: 6**

In this Next Generation Science Standards – based course students will study how and why science phenomena happen. The NGSS approach calls for less memorizing of science facts, and more use of scientific processes including problem solving, critical thinking, and data analysis and interpretation skills. We are excited to be using the best NGSS curriculum we could find: Amplify Science. Students will engage in scientific and engineering practices while studying Disciplinary Core Ideas (DCIs) centering on Microbiomes, Metabolism, Genetics, Thermal Energy, Climate and Weather, and Climate Change. We will develop widely-applicable Cross Cutting Concepts (CCCs) such as patterns; cause and effect; scale, proportion, and quantity; systems and system models; energy and matter; structure and function; and stability and change. This 3-dimensional structure (Science practices, CCCs, and DCIs) is foundational for all future science courses, and supports critical thinking skills that are useful in any career.

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Social Studies 6**Grade Level: 6**

This full-year course covers civilizations from prehistory, the ancient world, and new empires and faiths. Students will look at the factors that have influenced civilizations throughout history, such as geography, trade, government, and

religion, and compare them across cultures and time periods. Although this is a history class, there will be a heavy focus on the content area of reading and writing as well.

Geography

Grade Level: 7

This full-year course promotes the understanding and appreciation for the people and their cultures, present and past, throughout the world. Students learn the location of countries, cities, and major water and land features. This course allows students to critically analyze their role in our ever changing world.

United States History

Grade Level: 8

Students critically examine the history of the United States to develop an understanding of its founding and development. Students study significant individuals and events.

PE/Health

Grade Level: 6-8

This class is a holistic approach to health and wellness through physical education and health-related content. Within physical education, students have an opportunity to develop physical fitness and coordination through participation of various team and individual games and their respective regulations. Opportunities for peer socialization through these sports are provided to develop leadership and sportsmanship quality. The focus of health for mid high is to educate students on the importance of healthy lifestyles which includes abstinence and the benefits of a healthy lifestyle through the development of mental, physical and social skills.

Mid-High Electives

Elective Wheel

Grade Level: 6

The sixth-grade elective wheel is an opportunity for students to experience many different areas of study. The students spend approximately 2 weeks learning about the CAV Way (Becoming a Successful Student) in September. Following that, students spend approximately 5 weeks in each of the following courses: Mid-high Tech, Music, Art, and Biz Town. During the final 10 weeks, students can choose which class they would like to participate in: Drama, Hand Sewing, Study Hall, Computer Programming. The experiences that students receive via the elective wheel in 6th grade are meant to help shape student elective choices in 7th and 8th grade and beyond.

Mid-High Weight Training & Conditioning

Grade Level: 7-8

This course is designed to provide students with a foundation of knowledge and skills about weight training and the many facets that support it. The emphasis of the class is not to build muscle and lift weights, but rather learn the vast benefits of weight training and conditioning through a hands-on approach. This class is intended to be an introduction to our high school weight program to give entering high school students a head start in training and athletics.

Exploring Art

Grade Level: 7-8

This semester course is an introduction to different mediums in art the mid-higher will experience in high school. Students will learn about elements and principles of design as they explore drawing, painting and pottery mediums.

Leadership

Grade Level: 8

This introductory middle school computer science course provides a foundational understanding of computing, covering hardware, software, networking, and digital citizenship. Students explore computational thinking, create games or apps, and learn basic programming concepts to solve problems through hands-on, creative projects.

Mid-high Tech

Grade Level: 7-8

This introductory middle school computer science course provides a foundational understanding of computing, covering hardware, software, networking, and digital citizenship. Students explore computational thinking, create games or apps, and learn basic programming concepts to solve problems through hands-on, creative projects.

Digital Media Production

Grade Level: 6-8

In this class, students will work on various forms of digital media to develop, design and present a variety of projects.

Drama - MS

Grade Level: 7-8

MH Drama is a semester-long, performance-based course for 7th and 8th graders. Students will develop acting skills, stage knowledge, and ensemble collaboration to create a cohesive performance. The curriculum covers stage fundamentals, pantomime, theatre industry roles, movement and expression, vocal projection, improvisation, and reader's theatre. The class will culminate in a performance for the public.

Seminar for Success

Grade Level: 7-8

This course will aid students in creating a routine for note taking and staying organized. Additionally, students will improve keyboarding skills as well as learn the basics for preparing for tests, researching and writing reports.

Spanish I

Grade Level: 8

This course is an introduction to the Spanish language through listening, speaking, reading, and writing. Students will learn to communicate using basic vocabulary and syntax. Hispanic culture and geography will be explored through text and multi-media sources.

Band

Grade Level 6-8

Concert Band is year-long-performance-based class open to all who play brass, percussion, or woodwind instruments. This course is designed to increase the skill and performance levels of each student, as well as the entire ensemble. Analytical skills, music theory, history, and technique are integrated into this class. Students are required to participate in all class activities and concerts and practice outside of class as needed to perform successfully.

Concert Choir:

Grade Level 6-8

Concert Choir is year-long-performance-based class open to all mid-high students. This course is designed to increase the skill and performance levels of each student, as well as the entire ensemble. Instruction will focus on development of proper vocal technique, the ability to carry one's own part independently, analytical skills, music reading skills, and preparation of music for public performance. Students are required to participate in all class activities and concerts and practice outside of class as needed to perform successfully.

Orchestra

Grade Level 6-8

String Orchestra is year-long-performance-based class open to all who play violin, viola, cello and double bass instruments. This course is designed to increase the skill and performance levels of each student, as well as the entire ensemble. Analytical skills, music theory, history, and technique are integrated into this class. Students are required to participate in all class activities and concerts and practice outside of class as needed to perform successfully.

High School Graduation Requirements

Blanchet Catholic School requires 26 credits for high school graduation. Included in the list below are all of the requirements for a high school diploma for the State of Oregon and, in addition, those specifically relating to the mission of Blanchet Catholic School. All students in grades 9 through 12 are required to complete 10 hours of community service for each year they attend Blanchet Catholic High School. High school courses taken as an 8th grader at Blanchet Catholic School may, under certain circumstances, be used to meet high school graduation requirements.

Religion	4.0 credits ¹	Foreign Language	2.0 credits ⁵
Mathematics	3.0 credits ²	Physical Education	1.0 credit
Social Studies	4.0 credits ³	Health	1.0 credit
English	4.0 credits	Fine/Applied/Performing Arts	1.0 credit
Science	3.0 credits ⁴	Electives	3.0 credits

- 1 Students are required to take religion every semester that they attend Blanchet. Students transferring to Blanchet are required to earn religion credits only during their time at Blanchet.
- 2 Students must complete three credits of math from Algebra I and beyond.
- 3 Includes World History (1.0 credit), United States History (1.0 credit), American Government (0.5 credit), Economics (0.5 credit), Global Issues (0.5 credit), and Senior Seminar (0.5 credit).
- 4 Must include at least two credits of lab science such as biology or chemistry.
- 5 Two credits of the same foreign language.

Required Classes High School Program

Grade 9 Credit

English	1.0
Health I/PE	1.0
Mathematics	1.0
Science	1.0
Religion	1.0
Social Studies – World History	1.0
Foreign Language	1.0

Grade 10 Credit

English	1.0
Science	1.0
Mathematics	1.0
Religion	1.0
Social Studies:	
American Government	0.5
Economics	0.5
Foreign Language	1.0
Health II/PE	1.0

Grade 11 Credit

Science	1.0
English – American Literature/Comp	1.0
Mathematics	1.0
Religion	1.0
U.S. History*	1.0

**Juniors may take AP United States History in place of U.S. History*

Grade 12	Credit
English	1.0
Religion	1.0
Social Studies:	
Global Issues	0.5
Senior Seminar	0.5
Electives	3.0

Advanced, Honors, and Advanced Placement Courses

REQUIREMENTS OF STUDENTS TAKING ADVANCED, HONORS AND ADVANCED PLACEMENT CLASSES. ALL ADVANCED, HONORS AND ADVANCED PLACEMENT CLASSES REQUIRE TEACHER RECOMMENDATIONS, BASED ON THE FOLLOWING CRITERIA:

- Advanced, Honors, and/or Advanced Placement classes study content in greater depth and at a quicker pace.
- Enrichment topics are added.
- Standards in reading, writing, calculation, and critical thinking are higher.
- More independent learning takes place.
- Advanced Placement classes culminate in a national exam given by the College Board.
- Scores on the exam may qualify students for college credit or advanced standing as determined by colleges.
- It may be valuable to sit down with your parents to discuss which courses to take and to consider how many classes to take.
- Administration, in consultation with the teacher of the class, will make final decisions on student enrollment in Honors and Advanced Placement Courses.

What should I consider before choosing to forecast for an Advanced, Honors and/or an Advanced Placement class?

Do I have a passion for this subject matter?

Do I want to explore the content in more depth?

Am I willing to employ more time, do more work, and strive to meet higher standards?

Do I have the time to commit to this class and still meet my obligations to family, church, friends, activities, athletics, and work?

Can I balance the stress this class may cause?

Is it okay if I do not earn an “A” in this class?

What other Honors and/or Advanced Placement classes am I planning to take?

**College Credit
Available at Blanchet**

Several Blanchet Catholic School programs make it possible to earn college or community college credit while attending high school:

ADVANCED PLACEMENT COURSES

Students who complete Advanced Placement (AP) courses may, at their own expense, take special AP examinations held in May. Admitting colleges and universities may credit students with college credit based on specified AP exam scores. Blanchet offers AP courses in United States History, English Composition, English Literature, Computer Science, Biology, Calculus, American Government, Spanish and Statistics.

DUEL CREDIT COURSES

Students may earn credit college credit, by enrolling at their own expense, the following classes taught at Blanchet Catholic: Senior English Composition, Conceptual Physics, Honors Chemistry, Human Anatomy & Physiology, Introduction to Engineering, Honors Statistics, and Honors Pre-Calculus.

High School Course Descriptions

Note: Credit status refers to the course designation as an elective or required course for graduation. Definitions of the terms used are as follows:

- Required:** Course needed to graduate from Blanchet Catholic School.
- Selective:** One of several courses that will fulfill a graduation requirement.
- Elective:** Course that contributes to the credits necessary for a student to graduate, but is not required for graduation.

Schedule Changes

Schedule changes may be made only during the first two weeks of each semester. Exceptions are made only with the approval of administration. The Principal, in consultation with the student, parents, and teachers involved, must approve schedule changes. Schedule changes are approved for academic reasons only.

In addition, schedules are occasionally adjusted by the school to balance class sizes. When this occurs, a student's schedule may show a change in the order of classes, but will not involve any changes in actual courses.

Fine/Applied/Performing Arts

Art I – Drawing and Painting

Grade Level: 9-12

0.5 Credit

This class places emphasis on the elements and principles of design, composition, and appreciation of drawing/painting as an art form. It also includes the emphasis of critical analysis, historical and cultural awareness. Students will explore a variety of media, styles, subject matter and techniques.

Credit Status: Elective

Prerequisite: None

Art II – Drawing and Painting

Grade Level: 9-12

0.5 Credit

This semester class is a continuation for students learning about elements and principles of design and composition. Students will further develop an appreciation of drawing and painting as an art form by further exploring the many different mediums, styles and techniques.

Credit Status: Elective

Prerequisite: Art I – Drawing & Painting

Band

Grade Level: 9-12

1.0 Credit

Band is a year-long performance-based class open to all who play brass, percussion or woodwind instruments at an intermediate to advance level. This course explores and performs wind band literature at the highest level. The course is designed to increase the skill and performance levels of each students, as well as the entire ensemble. Analytical skills, music theory, history and technique are integrated into this class at the highest level. Students are required to participate in all class activities and concerts and practice outside of class as needed to perform successfully.

Credit Status: Elective

Prerequisite: None

Choir**Grade Level: 9-12****1.0 Credit**

Concert choir is a year-long, performance-based class, open to students in grades 9-12. This course is designed to increase the skill and performance levels of each student, as well as the entire ensemble. Instruction will focus on development of proper vocal technique, the ability to carry one's own part independently, analytical skills, music reading skills, and preparation of music for public performance. Students are required to participate in all class activities and concerts and practice outside of class as needed to perform successfully.

*Credit Status: Elective**Prerequisite: None***Digital Media Production****Grade Level: 9-12****0.5 Credit**

In this class, students will work on various forms of digital media to develop, design and present a variety of projects.

*Credit Status: Elective**Prerequisite: None***Digital Photo Imaging I****Grade Level: 9-12****0.5 Credit**

This semester class deals with basic camera functions. Each student will learn about and work with all the basic camera modes. Each student will learn about different settings for different situations that most people encounter. Students will explore art composition and study the history of photography through famous photographer's lives.

*Credit Status: Elective**Prerequisite: None***Digital Photo Imaging II****Grade Level 9-12****0.5 Credit**

This semester class is designed to extend the students' knowledge of Digital Photo Imaging. Students will broaden their use of photo imaging on the computer with additional techniques to enhance their personal expression and those used in the world of business.

*Credit Status: Elective**Prerequisite: Digital Photo Imaging I***Drama / Set Design - HS****Grade Level: 9-12****0.5 Credit**

This semester course focuses on the elements of acting for the stage – theatre vocabulary, stage movement, acting with an objective, and building a character. Ensemble theatre activities and improvisation will be incorporated. Students will learn the production process as they create a performance for the public. The class is intended for all levels of experience. This course will require some rehearsal time outside of class.

*Credit Status: Elective**Prerequisite: None***Graphic Design****Grade Level 9-12****0.5 Credit**

This course introduces students to the core principles of graphic design using Canva and Affinity as the primary creative platforms. Students learn visual communication, typography, layout, branding, and real-world design applications. By the end of the course, students create a polished portfolio showcasing their best work.

*Credit Status: Elective**Prerequisite: None***Orchestra****Grade Level: 9-12****1.0 Credit**

Orchestra is a year-long performance-based class open to all who play instruments at an intermediate to advanced level. This course explores and performs orchestra literature at the highest level. This course is designed to increase the skill and performance levels of each student, as well as the entire ensemble. Analytical skills, music theory, history, and technique are integrated into this class. Students are required to participate in all class activities and concerts and practice outside of class as needed to perform successfully.

*Credit Status: Elective**Prerequisite: None*

Pottery I**Grade Level: 9-12****0.5 Credit**

In Pottery I the student will develop basic pottery skill. This class covers a variety of approaches to pottery including hand-built, wheel-thrown and sculptural forms. Additionally, the students may also explore a variety of glazing and firing techniques. This class places emphasis on principles of design, composition, craftsmanship, appreciation of pottery as an art form, and critical and historical cultural awareness.

*Credit Status: Elective**Prerequisite: None***Pottery II****Grade Level: 9-12****0.5 Credit**

This Pottery II class is designed to expand the student's knowledge of pottery as an art form. Students will develop their skills with advance assignments and explore variety of additional techniques.

*Credit Status: Elective**Prerequisite: Pottery I*

Foreign Language

American Sign Language I**Grade Level: 9-11 1.0 Credit**

ASL I is an introduction to American Sign Language and the Deaf community. Students will learn basic vocabulary, grammar, sentence structure, and cultural foundations of ASL. Students will begin to learn to express themselves through signing by using: concrete ideas, fingerspelling and grammar.

*Credit Status: Elective**Prerequisite: None***American Sign Language II****Grade Level: 9-12 1.0 Credit**

The second year of American Sign Language emphasizes an increase in visual comprehension and sign acquisition as a medium for improving communicative competence. Students will begin to learn to express themselves through signing by using: concrete ideas, fingerspelling and grammar.

*Credit Status: Elective**Prerequisite: ASL 1***American Sign Language III****Grade Level: 11-12 1.0 Credit**

This is a full year course that will provide students with the opportunity to further their advanced studies of American Sign Language. The study of American Sign Language is a cumulative experience. The first two courses students developed a competent signing vocabulary. They learned to participate in exchanges, comprehend exchanges, and present on a variety of topics using the vocabulary and grammatical structures learned. In this course, emphasis will be placed on improvements in speed and fluency along with reinforcement of appropriate grammar usage and conversation skills.

*Credit Status: Elective**Prerequisite: ASL 2***Spanish I****Grade Level: 9-11****1.0 Credit**

This course is an introduction to the Spanish language through listening, speaking, reading, and writing. Students will learn to communicate using basic vocabulary and syntax. Hispanic culture and geography will be explored through text and multi-media sources.

*Credit Status: Elective**Prerequisite: None***Spanish II****Grade Level: 9-12****1.0 Credit**

The second year of Spanish emphasizes an increase in listening comprehension and vocabulary acquisition as a medium for improving communicative competence. The Hispanic culture will be explored through text and multi-media sources.

*Credit Status: Elective**Prerequisite: Spanish I*

Spanish III**Grade Level: 10-12****1.0 Credit**

This course is designed to develop and refine oral and written proficiency through the almost total use of Spanish in the classroom as well as frequent opportunities for writing and speaking. Emphasis is also placed on listening and reading skills. Hispanic culture is presented through the text as well as videos and films in Spanish.

*Credit Status: Elective**Prerequisite: Spanish II***Spanish AP Spanish****Grade Level: 11-12****1.0 Credit**

Extensive practice in all four language skills (writing, reading, speaking and listening). Included are cultural and literary readings and an in-depth review and expansion of basic Spanish grammar and vocabulary, as well as a broadening of the student's understanding of Hispanic culture. All classroom interaction (both by instructor and students) takes place in Spanish.

*Credit Status: Elective**Prerequisite: Spanish III*

Language Arts

English 9**Grade Level: 9****1.0 Credit**

In this course, students will focus on an introduction to the writing process, culminating in a five-paragraph essay. Students will also receive instruction in grammar, vocabulary, and an introduction to literature, including an overview of its elements and the various literary genres-short story, novel, drama, and poetry. The course emphasizes reading comprehension, grammar, and analysis and evaluation of literature.

*Credit Status: Required**Prerequisite: None***Honors English 9****Grade Level: 9****1.0 Credit**

This is an accelerated course where students will focus on the writing process. Students will also receive instruction in grammar, vocabulary, and an introduction to literature, including an overview of its elements and the various literary genres-short story, novel, drama, and poetry. The course emphasizes use of proper grammar and vocabulary in addition to the analysis and evaluation of literature and writing techniques.

*Credit Status: Required**Prerequisite: Minimum of a B+ in 8th Grade English and teacher recommendation.***English 10****Grade Level: 10****1.0 Credit**

Sophomore English covers the areas of literature, writing, grammar, and vocabulary. The course emphasizes the genres of literature: drama, short story, novel, poetry and non-fiction. The grammatical emphasis is on complex sentence structure, phrases, clauses, and complements. Compositional writing focuses on the grammatical structure of sentences and documentation. Vocabulary is pulled from the SAT and serves to enhance test scores and writing creatively.

*Credit Status: Required**Prerequisite: None***Honors English 10****Grade Level: 10****1.0 Credit**

This is an accelerated class that requires students to think deeply and richly about both fiction and non-fiction. The course offers a blend of classic and contemporary works from authors of diverse backgrounds. Thus, students will be exposed to authors ranging from Shakespeare to Chaim Potok. The course places a heavy emphasis on a variety of writing skills. It also introduces students to concepts that will be addressed more thoroughly in the Advanced Placement English 11 class. Students should expect a rigorous and challenging experience in the course.

*Credit Status: Selective**Prerequisite: Minimum of a B+ grade or higher in Freshman English and a teacher recommendation.*

English 11 American Literature**Grade Level: 11****1.0 Credit**

This English course presents an overview of American literature from Native American traditions through the 20th century. Emphasis is on influential works, writing, and research methods. A review of grammar, spelling and SAT vocabulary is included in the composition portion of the course.

*Credit Status: Required**Prerequisite: None***English 12 Literature/Composition****Grade Level: 12****1.0 Credit**

The course is designed as an historical study of British literature and the origins of the English language. It provides skills needed for college such as persuasive writing and literary criticism, as well as exposure to the “classics” of British literature. Vocabulary, grammar and writing skills will be practiced, enhanced, and strengthened on a daily basis.

*College credit available**Credit Status: Required**Prerequisite: None***AP English Language and Composition****Grade Level: 11****1.0 Credits**

This course seeks to prepare students for the AP exam in the spring. Success on this exam demonstrates a proficiency in English at least on a par with students who have completed a first year college course in composition or rhetoric. Students will develop writing and language skills by focusing on classic rhetorical modes such as narration, description, argument and rhetorical analysis of primarily nonfiction work. There is a required summer reading and writing assignment.

*Credit Status: Selective**Pre-requisite: Minimum of a B+ or higher in sophomore or junior English and teacher recommendation.***AP English Literature and Composition****Grade Level: 12****1.0 Credits**

This course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work’s structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

*Credit Status: Selective**Pre-requisite: Minimum of a B+ or higher in sophomore or junior English and teacher recommendation.*

Mathematics

The Math Department at Blanchet Catholic has established the following guidelines for calculator use in math courses. Calculators may not be used in Mid-High Math I and II, Pre-Algebra and Algebra I. Calculators may be used in Geometry and higher level math courses. Since graphing calculators are highly recommended for Algebra II, Geometry students may want to purchase a graphing calculator to become familiar with the operations. Algebra II students may only use the TI 83, TI 83 plus, TI 84, TI 84 plus, or TI 84 Silver Edition. The TI Nspire series are not permitted for use at Blanchet Catholic School because the series has the capability of factoring, solving higher degree equations, and solving equations using mathematic formulas programmed into the calculator. These topics are a major part of the course content that students are expected to learn in Algebra II and advanced math courses. Use of the TI Nspire calculator will hinder the development of necessary problem solving and higher level thinking skills that are needed for success in college level math courses.

Pre-Algebra**Grade Level: 9****1.0 Elective Credit**

This course is designed to provide students with the skills needed to be successful in Algebra I. Students will have the opportunity to learn about variables, expressions, rational and irrational numbers, real numbers, right triangles, solving multi-step equations and inequalities, ratios, proportions and probability, linear functions, measurement of area and volume, data analysis and angle relationships and transformations..

Credit Status: Required
Prerequisite: None

Algebra I

Grade Level: 9-10

1.0 Credit

This course improves the student's ability to solve problems, broadens the concepts of the nature of mathematics, improves and extends the understanding of arithmetic, and provides the student with an awareness of the use of mathematics in daily living. This course defines the structure of the number system in terms of the real numbers, and is considered essential for all students planning to take geometry, chemistry, or physics, or planning post-high school training.

Credit Status: Required
Prerequisite: Pre-Algebra

Geometry

Grade Level: 9- 11

1.0 Credit

Geometry is a full-year course designed to introduce students to higher mathematics. This course emphasizes the development of deductive thinking skills using the major elements of Euclidean Geometry as tools. Major topics include: symbolic logic, development of the axiomatic system, congruence, similarity, triangles, parallelograms, ratio and proportion, right triangle trigonometry, circles, polygons, surface area, and volume. Optional topics include Euclidean construction, loci, higher dimensions, Platonic solids, and transformations.

Credit Status: Required
Prerequisite: Algebra I

Algebra II

Grade Level: 9-12

1.0 Credit

This course introduces many of the topics included in traditional college algebra – linear and quadratic functions, rational functions and variations, systems of equations, the field of complex numbers, matrices, and polynomial and rational expressions. A strong emphasis on theory, problem solving, and mathematical modeling as well as communication and thinking skills enables students to further understand Algebra I concepts. The use of algebraic skills in real life is emphasized.

Credit Status: Required
Prerequisite: Algebra I and Geometry

Honors Algebra II

Grade Level: 9-12

1.0 Credit

Honors Algebra II is designed to prepare students for upper level math courses. Topics covered include: functions and their graphs, arithmetic and geometric sequences, systems of equations, matrices, logarithms, exponential functions, inverse functions, polynomial functions and probability.

Credit Status: Selective
Prerequisite: Algebra I, Geometry, and teacher recommendation

Honors Pre-Calculus/Trigonometry

Grade Level: 10-12

1.0 Credit

This course is designed to strengthen the skills developed during the three previous courses and to raise the student's level of mathematical abstraction. It includes the study of the general properties of linear, quadratic, polynomial, rational, exponential, logarithmic, and related piece-wise functions. Also, it includes trigonometric applications and identities, polar coordinates and complex numbers, vectors, and DeMoivre's Theorem and parametric equations. Graphing calculators are used throughout the course. This is a demanding course, and students will be expected to work diligently and consistently.

College credit available.
Credit Status: Selective
Prerequisite: 85% or higher in Honors Algebra II and teacher recommendation.

AP Calculus

Grade Level: 10-12 1.0 Credit

Calculus is explored to attain balance according to the "rule of five" – analytic, algebraic, numerical, graphical, and verbal methods of representing problems. Students will first review functions learned in Pre-Calculus. They will then explore limits and continuity, derivatives, some integrals, and many applications. Graphing calculators will be used throughout the course. This is a demanding course, and students will be expected to work diligently and consistently.

Credit Status: Selective
Pre-requisite: B or better in Honors Pre-Calculus/Trigonometry and teacher recommendation.

Honors Stats**Grade Level: 10-12****1.0 Credit**

This Honors course introduces descriptive statistics, probability and probability distributions, estimation, confidence intervals, hypothesis testing, two-sample inferences, correlation and regression and nonparametric tests. This course is a first course in statistical methods and involves Honors students in projects and development of portfolios. Honors level content.

College credit available
Credit Status: Elective
Prerequisite: Algebra II

AP Stats**Grade Level: 10-12****1.0 Credit**

The purpose of the AP course is statistics is to introduce 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: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypothesis

Credit Status: Elective
Prerequisite: Algebra II

Physical Education

Physical Education I**Grade Level: 9-12****0.5 Credit**

The focus of this course is to develop physical fitness and coordination through participation and knowledge of various game rules and regulations. Opportunities for peer socialization through sports are provided to develop leadership and sportsmanship qualities. This course emphasizes a lifetime appreciation for physical activities through various sports games.

Credit Status: Required
Prerequisite: None

Weight Training and Conditioning**Grade Level: 9-12****0.5 Credit**

This course is designed to develop and enhance personal fitness, strength and conditioning. The emphasis is on reaching personal goals as they pertain to strength training. Students will learn how to use a weight training facility, safety, and training design. A focus is put on recreational and athletic training through dynamic exercise and hard work.

Credit Status: Elective
Prerequisite: None

Lifetime Sports**Grade Level: 9-12****0.5 Credit**

This course offers students an opportunity to participate in a variety of activities that will help them to adhere to their personal, lifelong physical fitness goals. This activity class is designed to engage all students in a wide array of team sport and group activities that will promote a healthy lifestyle for years to come.

Credit Status: Elective
Prerequisite: None

Health I**Grade Level: 9-10****0.5 Credit**

This semester long course focuses on understanding your health, physically, mentally/emotionally and socially. Students will learn skills for a healthy life style, relationships, abstinence, bullying, conflict resolution, drugs and alcohol, nutrition, growth and development. Course emphasis is on student involvement, lecture, unit handouts and group participation. The semester ends with an American Red Cross First aid/CPR/AED certification. Emphasis during this semester is on improving lifetime skills and the importance of making good choices in life.

Credit Status: Required
Prerequisite: None

Health II**Grade Level: 10-12****0.5 Credit**

This Semester long course focuses on environmental health, communicable/non-communicable diseases, sexually transmitted diseases, abstinence, drugs and alcohol and lifetime health issues. Course emphasis is on student involvement through discussions, activities and group participation. The students are responsible for two major reports. One, health issue of choice that student is interested in learning. Two, Country of choice reporting health related issues country is faced with at the present time.

Credit Status: Required

Prerequisite: Health I

PE Waiver

Grade Level: 9-12

0.5 Credit

Participation in a varsity-level sport may be substituted for the second semester of Physical Education at the high school level. The student earns a grade of "P" for 0.5 credits of Physical Education. This waiver can be exercised by application through the athletic department.

Credit Status: Elective

Prerequisite: None

Religion

The US Bishops have mandated the development of catechetical texts in conformity with the catechism, including those used in teaching the Catholic faith to high school students. This framework is designed to shape a four-year, eight-semester course of catechetical instruction. At Blanchet Catholic School we will have fully implemented the new curriculum framework.

Religion 9

Grade Level: 9

1.0 Credit

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. Second Semester, students will be introduced to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

Credit Status: Required

Prerequisite: None

Religion 10

Grade Level: 10

1.0 Credit

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails." In the second semester, they will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements.

Credit Status: Required

Prerequisite: None

Religion 11

Grade Level: 11

1.0 Credit

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life. In the second semester, students will learn how it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

Credit Status: Required

Prerequisite: None

Religion 12

Grade Level: 12

1.0 Credit

Through discussion, discovery, reflection, a social justice project, experience of writing a mission statement, and the development of a unique service project, students will have an opportunity to learn how Christ's concern for others is present today in the Church's social teaching and mission. Students will explore the process of discernment and learn how vocations are similar and different as they explore and research married life, single life, priestly life, and

consecrated life. Students are provided with information on what it means to live for the benefit of others and the value in considering a vocation in service to a Christian society.

Credit Status: Required

Prerequisite: None

Science

Physical Science

Grade Level: 9

1.0 Credit

Physical Science is a full year course in which the students will cover a variety of topics introducing concepts of Chemistry and Physics. The course emphasizes a rigorous, systematic approach to the study of Matter, Motion, Forces, and Energy in the natural world.

Credit Status: Selective

Prerequisite: None

Honors Physical Science

Grade Level: 9-10

1.0 Credit

Honors Physical Science is a full year course in which the students will cover a variety of topics introducing concepts of Chemistry and Physics. The course emphasizes a rigorous, systematic approach to the study of Matter, Motion, Forces, and Energy in the natural world.

Credit Status: Selective

Prerequisite: Currently Enrolled or Completed Algebra 1

Biology

Grade Level: 9-10

1.0 Credit

Biology is a one year course designed to introduce students to the concepts and skills associated with the life sciences. Laboratory experiences introduce and/or reinforce the classroom instruction. Major topics include: scientific inquiry, cell structure and function, photosynthesis and cellular respiration, genetics and heredity, evolution and classification, and ecology and human impacts. Students will engage in inquiry investigations emphasizing scientific practices.

Credit Status: Required

Prerequisite: None

~ 9th grade students may take this course with A- Science 8 and a teacher recommendation.

AP Biology

Grade Level: 11 - 12

1.0 Credit

This Advanced Placement (AP) Biology class offers high school students a foundation in a freshman college-level biology course. The processes used in inquiry help the students to develop critical thinking skills, which is the most important part of this course. At the conclusion of the course, students will have developed reasoning skills necessary to engage in the science practices. Students will also develop advanced inquiry skills including, but not limited to, designing a plan for collecting data, analyzing data, and applying mathematical models. Students will be able to connect concepts in biology and across other domains. Completion of summer assignment prior to the beginning of the school year is required for enrollment in this class.

Credit Status: Selective

Prerequisite: Biology, Chemistry, and teacher recommendation

Honors Conceptual Physics

Grade Level: 11-12

1.0 Credit

Conceptual Physics introduces the fundamental language, ideas and tools used in the study of physics. This advanced introductory physics course covers key topics such as kinematics (displacement, velocity, acceleration, vectors), dynamics (inertia, momentum, force, Newton's laws, kinetic and potential energy), wave phenomena, electric fields and forces, magnetism, and sound.

College Credit available.

Credit Status: Selective

Prerequisite: Algebra II

Chemistry

Grade Level: 10-12

1.0 Credit

Chemistry is a full year course in which the students will explore how chemical and physical properties of substances are affected by the structure matter at the atomic scale. Chemical reactions will be analyzed via kinetics and thermodynamics.

Credit Status: Selective
Prerequisite: Algebra I

Honors Chemistry

Grade Level: 10-12

1.0 Credit

Honors Chemistry is a full year course in which the students will explore how chemical and physical properties of substances are affected by the structure matter at the atomic scale. Chemical reactions will be analyzed via kinetics and thermodynamics. Honors students will have additional course expectations and requirements than the High School Chemistry course.

College Credit available.
Credit Status: Selective
Prerequisite: Algebra I

Honors Human Anatomy & Physiology

Grade Level: 10-12

1.0 Credit

This class offers a comprehensive and detailed study of the human body and its functions. Major unifying themes are the complementarities of structure and function, homeostasis and system integration. Teacher lecture, guest speakers, student interaction, a field trip to a cadaver lab, and dissection of a fetal pig are a variety of methods used to introduce students to anatomy, physiology, and the clinical aspects of both.

College Credit available.
Credit Status: Selective, Prerequisite: Biology

Science of Global & Environmental Issues

Grade Level: 11-12

1.0 Credit

The Science of Global and Environmental Issues introduces fundamental concepts and strategies associated with sustainability. Students will study the characteristics of different ecosystems and the interactions between plants, animals, and their environment. The course also explores the impact of humans on these ecosystems. Major topics of study include water quality research, species interactions, ecosystem processes, types of ecosystems, climate, climate change and energy, waste and recycling, and biodiversity. Students will have the opportunity to study these topics through field research, lab work, and through classroom instruction and discussion.

Credit Status: Selective
Prerequisite: Biology and Chemistry (exceptions can be made with a teacher recommendation).

Social Studies

World History

Grade Level: 9

1.0 Credit

This comprehensive world history course covers pre-history to the post-World War II era with an emphasis on Western civilization. Attention is given to political, economic, religious, social, intellectual, and artistic developments. Students come to understand how world events transpired and influenced the world today.

Credit Status: Required
Prerequisite: None

American Government

Grade Level: 10

0.5 Credit

American Government is a semester-long course that studies the origins, structure, and functions of the U.S. government. Emphasis is placed on the Constitution, the Bill of Rights, and the functions and powers of the three branches of government. Students are encouraged to become positive, interested, and contributing citizens.

Credit Status: Required
Prerequisite: None

Economics

Grade Level: 10

0.5 Credit

Economics is a semester-long course that focuses on micro and macro economic concepts. Topics covered include but are not limited to economic systems and business organizations, supply and demand, and market structures. The course provides students with an understanding of the United States economy and events that impact it.

Credit Status: Required
Prerequisite: None

United States History

Grade Level: 11

1.0 Credit

American history from colonialism through the Cold War is covered in this year-long course. Emphasis is placed on United States political, military, economic, social, and industrial history. Students understand how America's history transpired, influenced, and led to its current status.

Credit Status: Required

Prerequisite: None

AP U.S. History

Grade Level: 11-12

1.0 Credit

This full-year course covers American history from colonialism to post WWII. Topics include political, military, economic, social, and industrial history. The course will provide insights to the major developments of historical eras, as well as an introduction to resources used by historians: written documents and maps. Emphasis is placed on essay writing and completing document-based questions.

Credit Status: Selective

Prerequisite: B+ average in Social Studies and English classes.

Global Issues

Grade Level: 12

0.5 Credit

This course is an introduction to a broad range of contemporary global issues. Discussion will focus on controversial issues in areas such as international conflict and security, the global economy and development, the environment, immigration, and human rights. These issues will be covered from different perspectives and multiple publications. Supplemental materials include; the local newspaper, television news broadcast, and current event articles collected by students.

Credit Status: Required

Prerequisite: None

Senior Seminar

Grade Level: 12

0.5 Credit

This course is designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include career choices, resume writing, interview strategies, income, money management, spending and credit, as well as saving and investing. In addition students will work through the college application process and look into the cost associated.

Credit Status: Required

Prerequisite: None

AP Government

Grade Level: 12

1.0 Credit

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they complete a political science research or applied civics project.

Credit Status: 12th Grade Elective

Prerequisite: Teacher Recommendation

Electives

Faith in Action (Spirituality Team)

Grade Level: 12

0.5 Credit

This course is designed to allow members of the Spirituality Team to take an active role in Campus Ministry. Students taking the Faith in Action course will be charged with the duty of planning and implementing all class retreats, the Junior Encounter, prayer services, service opportunities, and assisting in liturgy preparation. Students will be assessed on attendance, participation in class, prayer service development, class assignments, and leadership..

Credit Status: Elective

Prerequisite: Application and teacher approval

Creative Writing

Grade Level: 9-12

0.5 Credit

In this course students will read, critique, and compose original poetry, essays, short fiction, and creative non-fiction. Students will examine the works of published writers as well as peers to discover, expand, and refine their own skills, voice, and repertoire. Students will share their work for both written and oral peer critique.

Credit Status: Elective

Prerequisite: None

Communication Skills

Grade Level: 9-12

0.5 Credit

Communications Skills focus on developing proficiency in verbal, written, and nonverbal interaction to prepare students for college and careers. These one-semester courses emphasize public speaking, active listening, audience analysis, and team collaboration.

Credit Status: Elective

Prerequisite: None

Intro to Engineering

Grade Level: 9-12

1.0 Credit

Introduces the engineering profession and engineering problem-solving. Compare the job of scientist, engineer and technician. Describe the different educational degree levels required for engineering and engineering technology programs. Discuss the traditional engineering disciplines and what each of the main engineering branches does. Describe engineering job functions and the ethics and canons of the engineering profession. Solve fundamental engineering problems, using accepted methods of solutions. Solve engineering calculations using hand-held calculators. Explain fundamental engineering dimensions and units. Plot graphical representations for various engineering equations. Describe the regulations pertaining to professional registration as an engineer in the State of Oregon.

College credit available.

Credit Status: Elective

Prerequisite: None

Leadership

Grade Level: 9-12

0.5 Credit

This class is designed to develop individual leadership skills through various hands on experiences and studies. Students will learn the value of team work, service to others, styles of leadership and what their leadership strengths are. They will be given opportunities to develop their leadership skills in and outside of class. Daily participation is essential to student success.

Credit Status: Elective

Prerequisite: None

Marketing I

Grade Level: 9-12

0.5 Credit

An introductory marketing/business course designed to expose students to the foundations and functions of marketing. The curriculum aligns with the National Marketing Education Standards and the Oregon Career-related Learning Standards. Topics include: general business, management, entrepreneurship, ethics, communication, economics, professional development, marketing information management, selling, financing, pricing, promotion, distribution, product/service management. DECA Association participation is not mandatory, but it is an important element of the class curriculum.

Credit Status: Elective

Prerequisite: None

Office Skills

Grade Level: 11-12

0.5 Credit

Duties of the office aide will vary according to the office in which the student works. Generally, the aide performs clerical and other related duties as assigned by the office personnel. Responsibilities may include the following: answering telephones, filing, delivering messages, assisting with attendance and greeting people. Keyboarding and data entry may be included according to the student's skill level.

Requirement: Approval of Principal; Minimum GPA of 2.0.

Credit Status: Elective

Prerequisite: None

Psychology**Grade Level: 11-12****0.5 Credit**

Psychology is a semester course in which the students will cover a variety of topics in Psychology. The course will explore the influences of society on individual behavior and group relationships and look for biological explanations for human behavior and gain insight into the student's own life and the lives of those around them.

*Credit Status: Elective**Prerequisite: None***Intro into Computer Science****Grade Level: 9-12****1.0 Credit**

Intro to Computer Science introduces students to the fundamental ideas of computer science and how technology shapes the modern world. Using the Code.org curriculum, students learn programming with JavaScript while creating interactive apps, games, and problem-solving projects. The course explores topics such as algorithms, data, the internet, cybersecurity, and the societal impacts of computing. No prior programming experience is required, and students will complete projects that build creativity, logical thinking, and real-world computing skills. Students will have the opportunity to take the AP Computer Science Principles test at the end of the year.

*Credit Status: Elective**Prerequisite: None***AP Computer Science Principles****Grade Level: 9-12****1.0 Credit**

AP Computer Sciences Principle introduces students to the fundamental ideas of computer science and how technology shapes the modern world. Using the Code.org curriculum, students learn programming with JavaScript while creating interactive apps, games, and problem-solving projects. The course explores topics such as algorithms, data, the internet, cybersecurity, and the societal impacts of computing. No prior programming experience is required, and students will complete projects that build creativity, logical thinking, and real-world computing skills. Students will have the opportunity to take the AP Computer Science Principles test at the end of the year.

*Credit Status: Elective**Prerequisite: None***Applied Tech / Robotics****Grade Level: 9-12****1.0 Credit**

This course allows students to explore technology through hands-on projects in three main areas: programming, 3D design, and hardware/engineering. In the programming unit, students may create simple games, websites, and other interactive programs. In the 3D design unit, students will use tools like Blender and AutoCAD to design 3D models, animations, and objects that can be 3D printed. In the hardware and engineering unit, students will work on real-world design challenges using Arduinos and other components to prototype functional products. Some prior programming experience is required, either through an Intro to Computer Science course, outside-of-school experience, or teacher approval.

*Credit Status: Elective**Prerequisite: None***Teacher Aide****Grade Level: 11-12****0.0 Credit**

Duties of the teacher aide will vary according to the teacher with which the student works.

*Requirement: Approval of Principal; Minimum GPA of 2.0.**Credit Status: Elective**Prerequisite: None*

Updated 3-2-2026
