



# Horseshoe Bend High School

## Course Catalog

### 2020-21

## **GENERAL ELECTIVES**

Graduation Requirements

Standard Diploma: None

Honors Diploma: None

### **Computer Science**

*This class will focus on coding and covers a basic introduction to the principles of programming, including algorithms and logic. Students engage in hands-on programming tasks as they write and test their own code using the approaches real programmers use in the field. A robotics component is included.*

Grade Level: 9-12

Prerequisites: None

Grading Scale: Regular (4.0)

### **Leadership**

*The purpose of this class is to help you identify and develop specific leadership skills that will aid you in your leadership role in our school, as well as in life. The assignments for this course include activities in assembly planning, community service, goal setting, problem solving, group process, stress management, student and staff recognition, project planning, fundraiser processes, time management, communication skills, managerial skills, public speaking and self-awareness as a leader—all of which in some way will be aligned with the mission of serving the school in your role as a leader.*

Grade Level: 9-12

Prerequisites: Teacher approval

Grading Scale: Regular (4.0)

### **Senior Project (2<sup>nd</sup> Semester Only)**

*This is second semester course designed to provide seniors time/help on their senior project. Seniors transition into this class after first semester personal finance.*

Grade Level: 12

Prerequisites: None

Grading Scale: Pass/Fail

### **Study Skills**

*The Study Skills program is designed to assist students learn, understand, and reinforce concepts and/or assignments presented in the general curriculum. Students have the opportunity to develop and strengthen good study habits and learning strategies through various instructional methods and strategies.*

Grade Level: 9-12

Prerequisites: Individualized Education Plan (IEP) goal or teacher approval

Grading Scale: Regular (4.0)

### **Study Hall**

*Study hall offers students the opportunity to do homework for other courses during the school day. This course garners no credits and takes specific approval from the counselor and principal*

Grade Level: 9-12

Prerequisites: Counselor and principal approval

Grading Scale: Pass/Fail

### **Teacher's Aid**

*Students are assigned to a teacher to perform administrative duties such as making copies, correcting papers, running errands, etc ... This course is worth 1/2 credit per semester.*

Grade Level: 9-12

Prerequisites: Counselor and teacher approval

Grading Scale: Regular (4.0)

### **T.E.A.M. (Teen Educators As Mentors)**

*This class involves working with elementary students in one-to-one or small group settings in the elementary classrooms. Under the guidance of the assigned classroom teacher, mentors will help in academic tutoring, reading, assignment completion, or other classroom activities as directed.*

Grade Level: 9-12

Prerequisites: Counselor and teacher approval

Grading Scale: Regular (4.0)

### **Online Idaho Digital Learning Academy (IDLA) General Electives Courses**

- <http://www.idahodigitallearning.org>

### **Online Payette River Regional Technical Academy (PR2TA) General Electives Courses**

- <https://www.pr2ta.com>

## **HEALTH**

Graduation Requirements

Standard Diploma: 1 credit

- Health – 1 credit

Honors Diploma: 1 credit

- Health – 1 credit

### **Health**

*This class will provide an overview of the human body and how it functions. Topics that will be covered include: Body systems, personal health and physical fitness, nutrition, medications and drugs, diseases and disorders, mental health, family and social health, environmental health, consumer health, and the life cycle. At the conclusion of the course students will have the knowledge and skills necessary to make informed decisions about health issues as they relate to their overall well-being.*

Grade Level: 10

Prerequisites: None

Grading Scale: Regular (4.0)

## Online Idaho Digital Learning Academy (IDLA) Health Courses

- <http://www.idahodigitallearning.org>

## **HUMANITIES**

### Graduation Requirements

Standard Diploma: 2 credits of any approved humanities courses

Honors Diploma: 4 credits

- 2 credits must be in Foreign Language
- 1 credit must be in Art

### American Sign Language (ASL)

*This beginning level course in American Sign Language (ASL) introduces students to the 4th most used language in the U.S. Deaf Culture and History are integrated into the instruction of the basics of ASL grammar and syntax, vocabulary, fingerspelling, numbers and visual-manual communication. ASL has been recognized by the state as fulfilling the foreign language requirement for high school graduation plans.*

Grade Level: 9-12

Prerequisites: None

Grading Scale: Regular (4.0)

### Art 1

*Students will be introduced to a variety of media and techniques of art such as drawing, painting, printmaking, sculpture, etc. The elements and principles of art and design will be studied throughout the course. Students will study a variety of artists and cultures throughout the course.*

Grade Level: 9-12

Prerequisites: None

Grading Scale: Regular (4.0)

### Art 2-4

*Advanced art courses will include:*

- *Drawing and Painting. A focus on 2D artwork and techniques where students will explore a variety of techniques while focusing on design and composition to create original artwork.*
- *Pottery and Sculpture. A focus on 3D artwork and techniques where students will use hand forming (pinch, coil, slab, drape) and wheel techniques to advance their skills in Ceramics. Experimentation with Glaze and surface applications and processes will also be explored. In addition to clay techniques, students will examine the role of sculpture in history as well as the present day.*
- *Portfolio Development. A focus on portfolio development for a specific discipline or style of art. Course content varies based on the needs of each student and their assigned discipline. This course is designed for students with a visual arts focus, who have already taken the available high school art courses. Usually not applicable until the senior year.*

Grade Level: 10-12

Prerequisites: Art I and teacher approval

Grading Scale: Regular (4.0)

### **Art Advanced Placement (AP)**

*This class is for art students who are motivated learners and who are serious about developing their ability to communicate their ideas, thoughts, and feelings in visual form. Students may earn college credit and/or advanced placement credit upon completion of this class. There are three options for an AP Portfolio:*

- AP 2-D Art and Design
- AP 3-D Art and Design
- AP Drawing

Grade Level: 12

Prerequisites: Teacher approval

Grading Scale: Weighted (5.0)

### **Band**

*This course includes playing techniques, performance skills, and music literacy. Expectations may include before/after school practice and public performances. Students can bring their own instruments or use school-owned instruments. This class may include middle and high school students together*

Grade Level: 9-12

Prerequisites: None

Grading Scale: Regular (4.0)

### **Digital Photography (Yearbook) 1-3**

*Multi-media instruction in the use of digital photography, online input, and photo editing to produce a media product for an end user. Students can take this class multiple years and will be awarded credit each year.*

Grade Level: 9-12

Prerequisites: None for Level 1, teacher approval for Levels 2-3

Grading Scale: Regular (4.0)

### **Online Idaho Digital Learning Academy (IDLA) Humanities Courses**

- <http://www.idahodigitallearning.org>

## **CAREER TECHNICAL EDUCATION (CTE)**

Graduation Requirements

Standard Diploma: None

Honors Diploma: None

### **Cabinetry**

*This class can be taken as a 2-hour block with counselor and teacher approval. Skills taught in this Cabinetry include cabinet box building, raised panel door building, lathe work, Queen Anne building techniques, and some basic carving techniques for specialty work. This will allow you to design and build your own projects like a high end bookshelf, armoire, hope chest, specialty tables and chairs, recurve bows and much more. These skills could help you work in the cabinetry industry, start your own cabinet or furniture building shop, or simply prove to be valuable as a homeowner working on personal projects.*

Grade Level: 9-12

Prerequisites: None, counselor and teacher approval for 2-hour block

Grading Scale: Regular (4.0)

### **Welding 1**

*This course is a broad overview of the field of metalworking as it applies to manufacturing. It is a hands-on course meaning that a large percentage of the work will be done with tools and equipment in a shop setting. Students will learn the use and maintenance of hand tools, the wise use of supplies, and the use and care of machinery as it applies to metalworking. He/she will also learn design and problem solving skills while developing skills working in groups. Students will be taught welding safety, oxyacetylene welding, arc welding and theory, metal fabricating skills, and foundry skills. Mig and Tig welding as well as welding symbols will be discussed during the latter part of the semester. Interspersed throughout the year will be lessons covering career development and planning, as an important part of the curriculum is educating students on career possibilities after graduation. Guest speakers representing the various areas we cover in Professional/Technical Education will be invited to share information about their jobs.*

Grade Level: 9-12

Prerequisites: None

Grading Scale: Regular (4.0)

### **Welding 2-4**

*This class can be taken as a 2-hour block with counselor and teacher approval. These courses begin where Welding 1 ends as students will learn more Mig and Tig skills as well as how to interpret and record welding symbols. This class will be a project-based class and students will be expected to be self-motivated workers. If they wish to build a personal project they will assume the cost of the materials. The more advanced students should be ready to take the AWS written and welding test. Interspersed throughout the year will be lessons covering career development and planning, as an important part of the curriculum is educating students on career possibilities after graduation. Guest speakers representing the various areas we cover in Professional/Technical Education will be invited to share information about their jobs.*

Grade Level: 10-12

Prerequisites: Welding 1, teacher approval, counselor and teacher approval for 2-hour block

Grading Scale: Regular (4.0)

### **Online Idaho Digital Learning Academy (IDLA) CTE Courses**

- <http://www.idahodigitallearning.org>

### **Online Payette River Regional Technical Academy (PR2TA) CTE Courses**

- <https://www.pr2ta.com>

# LANGUAGE ARTS

## Graduation Requirements

### Standard Diploma: 9 credits

- English 9 – 2 credits
- English 10 – 2 credits
- English 11 – 2 credits
- English 12 – 2 credits
- Communications – 1 credit

### Honors Diploma: 9 credits

- English 9 – 2 credits
- English 10 – 2 credits
- English 11 – 2 credits
- English 12 – 2 credits
- Communications – 1 credit

### **Basic English**

*This course provides reading and writing interventions for students. Instruction is focused on vocabulary and language development while working to enhance independent thinking skills. Reading and writing strategies are also developed while supporting transition planning, senior presentation portfolio components, and the senior presentation.*

Grade Level: 9-12

Prerequisites: Individualized Education Plan (IEP) goal or teacher approval

Grading Scale: Regular (4.0)

### **Communications**

*This is a one semester course. In this course the focus is on developing speaking and listening skills through a variety of speaking and listening activities. Units of study include discovering communication, critical thinking and logical fallacies, media literacy, and interpersonal communication.*

Grade Level: 10

Prerequisites: None

Grading Scale: Regular (4.0)

### **English 9 Standard**

*This course focuses on improving skills in speaking, reading, writing, and listening by exploring the six writing and speaking traits, investigating various genres of literature, learning Greek/Latin word parts, and targeting areas of grammar.*

Grade Level: 9

Prerequisites: None

Grading Scale: Regular (4.0)

### **English 10 Standard**

*The course will use composition, language, and literature to improve skills of speaking, reading, writing, and listening. The focus is on usage, mechanics, grammar, six writing and speaking traits, and thematic literature units.*

Grade Level: 10

Prerequisites: English 9

Grading Scale: Regular (4.0)

### **English 11 Standard**

*Literature, language, and composition are the vehicles used to advance skills in reading, writing, speaking, and listening. The literary focus is American Literature and learning how literature reflects the 'American experience' connecting past to present, using literary analysis to discover the deeper meanings in readings, detailed study of Greek/Latin word parts, vocabulary/Spelling work, and Composition/Research writings.*

Grade Level: 11

Prerequisites: English 9, English 10

Grading Scale: Regular (4.0)

### **English 12 Standard**

*Literature, language, and composition are the vehicles used to advance skills in reading, writing, speaking, and listening. This year the literary focus is on World Literature, the language focus is on mechanics, usage, and grammar, the composition focus is designed to broaden and deepen familiarity with the six writing and speaking traits; principally through the senior project research paper. A focal point of the course is, of course, the Senior Project, product, and presentation.*

Grade Level: 12

Prerequisites: English 9, English 10, English 11

Grading Scale: Regular (4.0)

### **English Honors**

*This course emphasizes high-level skill development in expository and critical reading. Students are expected to have strong language and writing skills and be able to read a variety of prose from American and British literature. The course will deal with American literature from 1680 through the present and British literature and will require the successful completion of a research paper. Active reading and critical evaluation is emphasized. Students will refine composition and presentation skills by writing essays (expository, interpretive, contrast/compare), magazine columns, travel guides, interviews, editorials, and speeches. Grammar will be integrated into writing along with vocabulary.*

Grade Level: 9-12

Prerequisites: Teacher approval

Grading Scale: Weighted (4.5)

### **Online Idaho Digital Learning Academy (IDLA) Language Arts Courses**

- <http://www.idahodigitallearning.org>

## **MATHEMATICS**

### **Graduation Requirements**

Standard Diploma: 6 credits (2 credits must be taken in last year of high school)

- Algebra 1 (or equivalent class covering like standards) – 2 credits
- Geometry (or equivalent class covering like standards) – 2 credits

Honors Diploma: 6 credits (2 credits must be taken in last year of high school)

- Algebra 1 – 2 credits
- Geometry – 2 credits
- Pre-Calculus – 2 credits

### **Algebra 1**

*Algebra 1 introduces abstract thinking and problem solving through the use of variables. This course focuses on solving a variety of equations, working with ratios and percentages, and graphing.*

Grade Level: 9-10

Prerequisites: Intro to Algebraic Concepts or a “C” or better in Math 8

Grading Scale: Regular (4.0)

### **Algebra 2**

*Algebra 2 is designed to complete the fundamentals of Algebra I and Geometry. It is an in-depth study of solving systems of equations and using functions. Triangles trigonometry as well as complex numbers, logarithmic and quadratic functions will be introduced.*

Grade Level: 10-11 (grade 9 by teacher approval)

Prerequisites: "C" or better in Algebra 1, and teacher approval

Grading Scale: Regular (4.0)

### **Applied Geometry**

*Applied geometry is the study of space figures and angles while reviewing the concepts from Algebra 1 and focuses on the vocabulary of geometry. This course is recommended for students who struggled in Algebra and who may not be ready for Geometry.*

Grade Level: 10-12

Prerequisites: Algebra1 or Basic Algebra

Grading Scale: Regular (4.0)

### **Applied Math**

*This course does not meet NCAA math requirements, so students planning on participating in NCAA collegiate athletics should consider a different course. Applied Math provides a review of basic math concepts from Algebra and Geometry and will help improve skills needed for Algebra 2 or college math courses. May not be taken after successful completion of Algebra 2.*

Grade Level: 11-12

Prerequisites: Algebra1 and Geometry or Applied Geometry

Grading Scale: Regular (4.0)

### **Geometry**

*Geometry is the study of space figures, polygons, angles and proofs. These concepts reinforce logical reasoning as well as practical applications.*

Grade Level: 9-11

Prerequisites: Algebra 1 or Applied Geometry, and teacher approval

Grading Scale: Regular (4.0)

### **Introduction to Algebraic Principles (a.k.a. Pre-Algebra)**

*Students will review fundamental arithmetic, including addition, subtraction, multiplication and division of decimals, fractions and integers. Elementary algebraic concepts will be used with problem solving strategies and. applications being emphasized.*

Grade Level: 9-10

Prerequisites: None

Grading Scale: Regular (4.0)



### **College Algebra DC (1<sup>st</sup> Semester) / Trigonometry DC (2<sup>nd</sup> Semester)**

*These classes are college-level courses and college credit through College of Western Idaho is awarded, but both courses must be taken in order for the college credit to be awarded.*

- *College Algebra DC includes fundamental concepts of algebra; equations and inequalities; functions and graphs; polynomial, rational, exponential, and logarithmic functions; systems of equations and inequalities; conics, the Binomial Theorem.*
- *Trigonometry covers right triangle and circular function approaches to trigonometry, graphs of trigonometry functions, trigonometry identities, conditional equations, right and non-right triangle applications of trigonometry, inverse trigonometry functions, trigonometry of complex numbers, including DeMoivre's Theorem, polar coordinates and equations, and parametric equations.*

Grade Level: 11-12 (grades 9-10 by teacher approval)

Prerequisites: "C" or better in Algebra 2 and teacher approval

Grading Scale: Weighted (5.0)

### **Online Idaho Digital Learning Academy (IDLA) Mathematics Courses**

- <http://www.idahodigitallearning.org>

## **PHYSICAL EDUCATION**

Graduation Requirements

Standard Diploma: None

Honors Diploma: None

### **Athletic Fitness**

*This class will help students prepare for the rigors of sport and will emphasize physical conditioning, both cardiovascular and strength. This is not a physical education class where various game and activities are taught (see Lifetime Sports), but is instead a class to improve the athletic fitness of our student-athletes.*

Grade Level: 9-12

Prerequisites: Participation in an interscholastic sport and teacher approval

Grading Scale: Regular (4.0)

### **Lifetime Sports**

*This class will provide an overview of various sports, activities and games, such as badminton, basketball, dodge ball, fitness activities, flag football, floor hockey, Frisbee golf, obstacle course, pickle ball, relays, running, soccer, softball, tag, tennis, volleyball, among other possible activities. At the conclusion of the course students will have the knowledge and skills necessary to participate in the various sports, activities and games.*

Grade Level: 9-12

Prerequisites: None

Grading Scale: Regular (4.0)

# SCIENCE

Graduation Requirements:

Standard Diploma: 6 credits (4 credits must include a lab)

- Physical Science – 2 credits
- Biology – 2 credits

Honors Diploma: 6 credits (4 credits must include a lab)

- Physical Science – 2 credits
- Biology – 2 credits
- Physics or Chemistry – 2 credits

## **Biology**

*Students will learn basic chemical structures of matter, acids and bases, and the periodic table and its components. Students will learn about atoms, cells, systems, respiration and photosynthesis, chromosomes and mitosis/meiosis. Other topics covered include genetics principles, technologies in genetics, protein production, and information about DNA. The theory of evolution, classification processes, and the history of life on earth will also be discussed. There will be a special emphasis on the environment, biomes, interactions of humans with the environment, and stewardship of the world we live in. Dissection of various animal systems will be covered so students will gain an appreciation of the human anatomy.*

Grade Level: 10

Prerequisites: None

Grading Scale: Regular (4.0)

## **Chemistry**

*This course is intended to help students realize the important role that chemistry will play in their personal and professional lives. It will help students use principles of chemistry to think more intelligently about current issues they will encounter involving science and technology. Hopefully students will develop a lifelong awareness of the potential and the limitations of science and technology. Topics to be studied include chemistry laboratory skills, the classification and structure of matter, ratio and proportion of chemical reactions, physical chemistry, acid-base chemistry, kinetics, thermodynamics, electrochemistry, and organic chemistry. Critical thinking (the ability to carry out systematic thought processes in making decisions and solving problems), inquiry (solving problems through scientific investigation) and science ethics are stressed in this class.*

Grade Level: 10-12

Prerequisites: Physical Science, Biology, and teacher approval

Grading Scale: Weighted (4.5)

## **Environmental Science**

*Students study local, national and global environmental issues through the gathering and interpretation of geologic, ecological and political data. The focus of the course is the origin, dynamics and consequences of environmental damage. Topics include human population, ecosystems, resource use, energy & land use, with an emphasis on personal choices.*

Grade Level: 10-12

Prerequisites: None

Grading Scale: Regular (4.0)

### **Physical Science**

*Students will learn basic chemical structures of matter, states of matter, acids and bases, and the periodic table and its components. Students will also be exposed to introductory topics covering forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions of matter. Basic machines, including the fulcrum, catapult, the screw, etc... will be covered as well as energy conversions, thermal energy, atoms and chemical bonding.*

Grade Level: 9

Prerequisites: None

Grading Scale: Regular (4.0)

### **Online Idaho Digital Learning Academy (IDLA) Science Courses**

- <http://www.idahodigitallearning.org>

## **SOCIAL STUDIES**

Graduation Requirements:

Standard Diploma: 7 credits

- U.S. History 1 – 2 credits
- U.S. History 2 – 2 credits
- Government – 2 credits
- Personal Finance – 1 credit

Honors Diploma: 8 credits

- U.S. History 1 – 2 credits
- U.S. History 2 – 2 credits
- Government – 2 credits
- Personal Finance – 1 credit
- Business Economics (or equivalent) – 1 credit

### **American Government**

*At the completion of this course students will be expected to understand the foundations and principles of the American political system, the relationship between civic life, politics and government, the organization and formation of the American system of government, the significance of United States foreign policy in the modern world, and the rights and responsibilities of all citizens of the United States.*

Grade Level: 12

Prerequisites: U.S. History 1, U.S. History 2

Grading Scale: Regular (4.0)

### **Cultural Anthropology DC**

*This class is a college-level course and college credit through Boise State University is awarded. Introduction to the descriptions, analysis, and explanations of the different ways of life, or cultures, through which human groups have adapted to their environments. Explanation of the nature and characteristic of culture as an adaptive mechanism for human survival.*

Grade Level: 10-12

Prerequisites: Teacher approval

Grading Scale: Weighted (5.0)

### **Personal Finance (1<sup>st</sup> semester only)**

*This course is an introduction to economic decision making with an emphasis on personal financial choices. Topics will include budgeting, goal setting, spending and saving, credit and banking, taxation, insurance, investing, and retirement planning. This course is taught online through Payette River Regional Technical Academy.*

Grade Level: 12

Prerequisites: None

Grading Scale: Regular (4.0)

### **Sociology DC**

*This class is a college-level course and college credit through Boise State University is awarded. An introduction to groups, organizations, and societies, and their impact on human behavior. Emphasis is on sociological perspectives, concepts, methods, and applications in areas such as organization, social interaction, inequality, institutions, culture, social change, etc. In this course we will analyze our social structures and the influences they have in creating our society, and even who we are as individuals. As we navigate this course together, it is important that you strive to keep an open mind to your classmates' views and lifestyle choices and understand they may be different from your own.*

Grade Level: 10-12

Prerequisites: Teacher approval

Grading Scale: Weighted (5.0)

### **U.S. History 1**

*This course aims to give students a general understanding of the political, economic, and social/cultural history of the United States from the pre-colonial period through the Civil War. Topics covered include indigenous and European influences on the development of the colonies, the causes and consequences of the War of Independence, the origin and principles of the U.S. Constitution, westward expansion, and the Civil War.*

Grade Level: 9

Prerequisites: None

Grading Scale: Regular (4.0)

### **U.S. History 2**

*This course aims to give students a general understanding of the political, economic, and social changes within American society during the 20<sup>th</sup> Century. As a survey course, it will not be a chronological account of all of American history, but instead, this course will highlight important historical events and movements of the 20<sup>th</sup> Century.*

Grade Level: 11

Prerequisites: U.S. History 1

Grading Scale: Regular (4.0)

### **Online Idaho Digital Learning Academy (IDLA) Social Studies Courses**

- <http://www.idahodigitalllearning.org>