

Stevensville High School Course Descriptions 2019-2020



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INTRODUCTION

The following course descriptions have been written to provide assistance in making decisions for course selections. Please read them carefully before choosing your courses for your class schedule. Take particular note of classes with prerequisites or grade level requirements. Be sure you meet the requirements before registering for a class.

- If a prerequisite is not listed, assume there is no prerequisite.
- If a grade level is not listed, assume the class is open to students in grades 9-12.
- All semester courses are worth .5 credit toward graduation.
- All year-long courses are worth 1 credit toward graduation.
- Advisory is worth .25 credits per semester toward graduation.
- Teaching Aide/Office Aide classes are worth .25 credits per semester toward graduation.
- Study Hall is worth 0 credits per semester towards graduation

Many of the classes have specific codes next to them; watch for the following codes:

- ^ This means the class is a required course for graduation.
- [S] This means the class meets only for one semester.
- [Y] This means the class meets the entire year.
- [S/Y] This means the class can be taken for a semester or for the entire year.

Classes that count for Fine Arts Credit are in the Art and Music departments.

Classes that count for Career and Technical Education Credit are those offered in the Agriculture, Business Education, Family and Consumer Science, and Industrial Technology departments.

Please Note:

Not all classes listed in this directory will be offered in any given year.

FOUR-YEAR COURSE PLAN

GRADE LEVEL	REQUIRED COURSES	ELECTIVES ALLOWED
9 th Grade	4.5 Required Credits: English 9 [Y], (or H-English 9), Earth Science [Y], 1 Math course [Y], P.E. 9 10 [S], Freshman Advisory	3.5 Elective Credits
10 th Grade	5.5 Required Credits: English 10 [Y], (or H-English 10), Biology [Y], 1 Math course [Y], World History [Y], Soph. Health Enhancement [Y] Sophomore Advisory	2 Elective Credits
11 th Grade	4 Required Credits: English 11 [Y] (or AP English Lang), U.S. History [Y], Personal Finance [S], 1 credit of Math [Y] Junior Advisory	3.5 Elective Credits
12 th Grade	2.5 Required Credits: English 12 [Y], (or AP English Lit), Government [S], Social Studies elective [S] Senior Advisory	5 Elective Credits

- φ Courses marked with an [S] indicate semester courses and equal .5 credits. All other courses are yearlong and equal 1 credit.
- ◆ Advisory classes are worth .5 credits per year and must be passed. This includes a Senior Project that will be completed your senior year.
- φ All students must complete 1 credit of a Fine Arts course(s). See last page for list of courses.
- φ All students must complete 1 credit of a Career and Technical Education course(s). See last page for list of courses.
- φ Stevensville High School requires 26 credits to complete graduation requirements.
- φ Students must pass all local and state requirements to graduate.

COURSE DESCRIPTIONS

English

- English 9 / Honors English 9

- Applied English 9/10
- English 10 / Honors English 10
- English 11 / AP Language
- Applied English 11/12
- English 12 / AP Literature
- English Electives

Mathematics

- Algebra 1A / Algebra 1B
- Algebra 1
- Geometry / Honors Geometry
- Fundamentals of Geometry
- Fundamentals of Algebra 2
- Algebra 2 / Honors Algebra 2
- Trigonometry
- Statistics
- Honors Pre-Calculus
- AP Statistics
- AP Calculus AB and BC

Science

- Earth Science / Gen. Earth Science
- Biology / Gen. Biology
- Astronomy
- Chemistry / Honors Chemistry
- Honors Physics
- Science Electives

Social Studies

- World History / AP World History
- US History / AP US History
- Government / AP Government
- Social Studies Electives

Health and Physical Education

- PE 9
- Health 10
- PE Electives

Personal Finance

- Personal Finance

Career and Technical Education

- Agriculture
- Business Education
- Family and Consumer Science
- Industrial Technology

World Languages

- Spanish 1 – 4

Fine Art

- Art
- Band
- Band Electives
- Choir

Special Education/Resource Courses

Electives

- Library Skills
- Montana Digital Academy (MTDA)
- Office Aide
- Teaching Aide
- Tutoring Lab
- Yearbook

ENGLISH

***Four English credits are required for graduation.
Elective English courses earn elective credit only and are not an English credit.***

REQUIRED ENGLISH COURSES

^ English 9 [Y] This yearlong course is meant to establish and reinforce the freshmen level student basic English skills in grammar, composition, literature, and in the use of the high school library. The course will review the basic grammar and usage rules to which students have already been introduced in previous years. Attention will also be paid to understanding the basic structure of the sentence, the paragraph, and the writing of the three and five paragraph essays. Students will be introduced to MLA style for formatting essays. Finally, the course will consider a range of literary genre—including poetry, the short story, the novel, and drama. Writing assignments will include note taking, grammar drills, vocabulary work, study questions based on the literature, report writing on novels read outside of class, and the keeping of journals. Students will also perform at least one oral presentation per quarter.

Honors English 9 [Y] This course is an honors class designed to teach grammar, usage, mechanics, literature, writing, vocabulary, public speaking, and library skills. This course offers only a quick review of grammar because students are exposed to this for several years prior to ninth grade, and spends more time on writing, usage, and mechanics. Students will be introduced to MLA style for formatting essays. Accelerated English 9 is offered only to those students who meet three of the following four criteria: teacher recommendation, 3.5 GPA or higher in English classes, advanced proficiency on standardized tests in English, or approved score on department writing assessment. Only those students on the recommended list for Accelerated English 9 may enroll in a foreign language during their Freshmen year.

Applied English 9/10 [Y] -

^ English 10 [Y] English 10 is a year-long course, focusing on the fundamentals of the English curriculum, the skills that students must have before proceeding on to elective and upper-division course work, particularly emphasizing the basic skills of literature, composition, grammar, and public speaking.

Semester 1: Literature and Speech -- This course will include two primary components: literature and public speaking. First, students will work to improve their comprehension through close reading and the application of reader response. Second, students will participate in varied speaking activities including persuasive and informative speeches and presentations using technology including PowerPoint.

Semester 2: Composition -- this will be a writing intensive course focusing on the writing process. Students will participate in varied genres including: persuasive, informative, analysis, comparative, and research based essays. Students will also have the opportunity to write creatively. The course will include an emphasis on the MLA writing format including paper formatting, works cited and in text citations.

Grammar, note-taking, and vocabulary will be reviewed throughout both semesters of the course.

Honors English 10 [Y] Prerequisite - A grade of "C" or better in Honors English 9 or the consent of the instructor. This two semester-length honors course is intended to be a comprehensive exploration of the appreciation and analysis of literature and composition. The course will be literature-based, looking at a variety of literary genre including the short story, the novel, the theatrical play, and popular music. The course instruction will involve some lecture, vocabulary drill, the reading and in-depth response - both oral and written - to the variety of genre mentioned, as well as written essays on outside readings. Students will be required to keep a journal of free and directed writing. Students will continue their exploration of MLA style, learning more advanced and complex formatting.

^ English 11 [Y] Prerequisite - English 10. This yearlong course for the junior level student primarily focuses on America's literary heritage chronologically from the colonial period through the late 20th Century. This course will include a study of a number of literary genre—including poetry, short stories, dramas, and novels—in attempting to help students understand and appreciate how literature has impacted the national identity of this country's citizens. The students will respond to the literature in various forms. Primarily, they will be instructed in how to write literary analysis in order to defend their positions on a novel, play, poem, or some other reading. This course is designed to use American literature as a vehicle to improve writing skills, thinking skills, communication and creativity. Students will continue their exploration of MLA style, learning more advanced and complex formatting.

AP English Language [Y] Prerequisite - English 10 and World History (or Honors English 10 and AP World History). The Advanced Placement English Language and Composition course is an open enrollment yearlong course for juniors. This course engages students in becoming skilled readers of prose written in a variety of disciplines and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes and audiences. The purpose of the course is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. Students should expect this course to be similar to an introductory college writing course that focuses rhetoric, argument, and analysis. Students are expected to take the AP English Language and Composition exam in the spring. **Note:** This course can be completed in conjunction with dual credit Writ 101.

Applied English 11/12 [Y] –

^ English 12 [S] Prerequisite - English 11. This yearlong course is designed to further develop and refine those skills taught in previous high school English courses, emphasizing knowledge of literature, writing, language, speaking, and use of higher level thinking skills. Students read and analyze a broad selection of classical, contemporary, and multi-cultural literature, including poetry, novels, essays, short stories, and drama. The class features a plethora of authors and texts exploring a number of themes/topics including success, gender roles, opposing injustice, seeking justice and peace, taking risks, and insight gained through nature. Students will write frequently in a variety of formats utilizing the steps of pre-writing, writing, and editing to generate clear and correct written messages. Along with essays, students will be required to complete short research project. Students also gain further experience in preparing and presenting speeches in a variety of formal and informal speaking situations. Students will continue their exploration of MLA style, learning more advanced and complex formatting.

AP English Literature 12 [Y] Prerequisite – The Advanced Placement English Literature and Composition course is an open enrollment yearlong course for seniors. This honors diploma track class is designed to enhance the skills of the upper-level seniors who are college bound. This course engages students in the careful reading and critical analysis of imaginative prose and poetry. Through the close reading of selected texts and pieces, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Reading in the AP course is both wide and deep building upon and complementing reading done in previous English courses. Writing is also an integral part of the AP Lit course and exam focusing on critical analysis of literature and includes expository, analytical, and argumentative essays. The goal of writing assignments is to increase students' ability to explain clearly, and elegantly, what they understand about literary works. The student will be able to demonstrate his/her ability to independently interpret and demonstrate consistent and effective control over the elements of composition, including the language appropriate to the readings. Since reading and writing stimulate and support one another, they are taught together in order to underscore both their common and distinctive elements. The class structure and grading are to resemble college English courses. Students enrolled in the course are expected to take the AP Lit exam in the spring and make a commitment to a rigorous curriculum of literary analysis and composition.

ENGLISH ELECTIVES

Creative Writing [S] Prerequisite – Prerequisite – None. Introduction to Creative Writing (.5): This class will focus on the four primary forms of writing: fiction, poetry, non-fiction prose, and drama. As a part of this study, we will examine the principles of storytelling and poetics, read and analyze examples of high-quality work, write daily, work together on editing, and select works to create a portfolio

Poetry {S} Prerequisite – 10th grade or above. To spend time looking at poetry throughout history, as well as study works by different poets throughout the course of history at the beginning of the semester. As the semester progresses do activities that involve writing in different atmospheres around campus you will get to leave the classroom and check out our surroundings. You will also be looking at different poetry styles, including free verse, slam poetry, rap, and how poetry

influences music. Finally, the class will transition into the workshop aspect and we will spend several weeks simply writing and reading poetry with the class.

MATHEMATICS

3 credits of mathematics are required for graduation.

Transition Algebra IA and 1B: [Y] Pre-requisite: This class is designed for students who did not pass 8th grade Algebra with an A or B. This is a sequential two-year Algebra I for students who want to take academic-track mathematics but who may also have difficulty with the abstract concepts of algebra and/or the pacing in the standard one-year Algebra I course. More time is spent in review and practice, and there are more hands-on activities used to introduce and explain the abstract concepts. Each of these courses reviews extensively at the beginning of the year, then covers approximately six-seven chapters of new material during the year, rather than the twelve chapters of new material in the standard one-year course. Algebra IA is the first year, and Algebra IB is the second year. Each course is one credit, so a student completing the sequence earns two credits.

Algebra I: [Y] Prerequisite: successful completion of Pre-Algebra with a grade of "C" or higher for rising 7th or 8th grade students; a passing grade in junior high Pre-Algebra for high school students. This course reviews, solidifies, and extends the arithmetic operations of addition, subtraction, multiplication, and division to use those operations to combine and simplify algebraic expressions. It is also designed to develop the students' thinking, not only in the concrete, but in the abstract. Skills and concepts to be mastered are real numbers, open sentences, polynomials, quadratic expressions, graphing, systems of equations, radicals, and problem solving techniques.

Geometry / Honors Geometry [Y] Prerequisite - Algebra I or both Transitional Algebra 1A and 1B. Skills and concepts to be mastered in this course are relationships of points, lines and planes; congruence and similarity of polygons; areas and volumes; circles, constructions, and transformation; coordinate geometry. Algebraic concepts used in Algebra I are reviewed. Geometry: All Junior High Students and incoming Freshmen who enroll in Geometry must complete and pass Algebra I with a B or higher. If not, they will be required to retake Algebra I or Transition Algebra IB. Those students who pass with a C may have the option of taking Geometry at the same time but must have teacher recommendation.

Algebra II / Honors Algebra II [Y] Prerequisite - Algebra I or both Trans. 1A & 1B and Geometry, Grades 10-12. The purpose of this course is to review skills and concepts of first year algebra and present essential topics for those considering college course work. Skills and concepts to be mastered are linear functions, quadratic functions, polynomials, matrices, real numbers, and complex numbers. Students also work with real and rational exponents and logarithmic functions.

Honors Pre-calculus or Dual Honors Pre-Calculus Course Description: This course is designed for college bound students who have a strong foundation in Algebra II and are ready to move forward into a rigorous Pre-calculus curriculum. If a student chooses to take the Dual enrollment class, they will receive 3 college credits as long as they pass the class with a C- or better. The textbook that will be used in this course is: Pre-calculus by Glencoe/McGraw-Hill, Copyright 2011. Incorporated within this textbook are a high degree of technology applications of which students will be using the TI-inspire Calculator and Navigation system to make conjectures and solve mathematical problems.

Chap. 0: Preparing for Pre-calculus

Chap. 1: Functions from a Calculus Perspective

Chap. 2: Power, Polynomial, and Rational Functions

- Chap. 3: Exponential and Logarithmic functions
- Chap. 4: Trigonometric Functions
- Chap. 5: Trigonometric Identities and Equations
- Chap. 6: Systems of Equations and Matrices
- Chap. 7: Conic Sections and Parametric Equations
- Chap. 8: Vectors
- Chap. 9: Polar Coordinates and complex Numbers
- Chap. 10: Sequences and Series
- Chap. 11: Inferential Statistics
- Chap. 12: Limits and Derivatives

AP Statistics [Y] Prerequisite: Completion of Algebra II with a “B” or higher average, or successful completion of Advanced Math or Precalculus. This course is an introduction to statistics and probability, geared for the student entering such fields as economics, business, mathematics, computer science, education, health, psychology, engineering or science, which generally require statistical analysis of data. Computing and interpreting basic probabilities, decision making and sampling techniques, confidence intervals and significance levels, and hypothesis testing with the associated errors will be stressed. The use of a graphing/scientific calculator and the computer in calculating probability and analyzing statistical data will be a major component of the course.

H-Advanced Placement Calculus AB [Y] Prerequisite - Advanced Math, Consent of Instructor. Students taking this class may receive university credit for calculus by passing the advanced placement test given each May. The purpose of the course is to illustrate the concepts, techniques, and applications of calculus. The course is primarily intended for students who will be majoring in science and engineering at the university level. The major focus of the course is problem solving. A teaching strategy of isolating and emphasizing the basic prerequisite skill required for the successful solution of calculus problems will be used. Mathematical theory is introduced but not used heavy handed. Moreover, the important concepts are introduced intuitively and then developed more analytically. Proofs are used to illustrate the role of concepts in the theory and how they form the basis for problem solving. The student will: demonstrate a strong foundation in high school level mathematics; learn the underlying premises of calculus which are limits, continuity, and differentiability; be introduced to the aspects of differential calculus which continuity and differentiability on an interval; learn how to graph functions and apply the derivative; learn the fundament processes of integral calculus.

H-AP Calculus BC – See instructor for course description & prerequisites.

SCIENCES

^ Earth Science [Y] No prerequisite, Grade 9. This course is designed to give a broad base of information about the planet Earth. Topics to be covered include: volcanoes, earthquakes, rock types, rock record, fossils, soils, oceans, astronomy, weather and others. Course material will be covered through labs, projects, textbooks and current events.

^ Biology: [Y] Prerequisites: Earth Science or passing grade in one year of other introductory science courses. Grade 10 – 12. Major Themes: Science as a way of knowing and experiencing the world around you using existing skills of reasoning and testing of ideas. Evolution and the process of natural selection as the driving force for the staggering array of diverse, niche-based, life forms on the planet. Relationship of Structure to Function: From molecules to Domains. Science’s relationship to Society through technology and basic research. Evolutionary biology will be the major thread tying all of our investigations and activities together. Having evolution as the unifying theme of the course provides the students with a frame of reference to place information and make sense of the overwhelming amount of material contained in this diverse and broad scientific area known as Biology.

- Astronomy [Y] Prerequisites – Algebra 1, Geometry (Math); Earth Science (Science). Grade Level 11th & 12th. Grade 10 with instructor approval. Astronomy is a year-long elective course studying the characteristics and structure of our solar system, stellar bodies' evolution, galactic structures and large scale structures in the universe. Observations, labs, library research and group work will be used to research using a non-traditional learning experience. ' .
- Chemistry [Y] Prerequisite – Algebra II and Consent of instructor (limited enrollment). Chemical theory and current application of chemical information will be the main emphasis of the class. Topics of discussion will include the following: chemical elements, atomic structure, bonding, stoichiometric relationships, equations, solutions, acids and bases, and equilibrium. A strong background in math and some word processing skills are highly recommended.
- Honors Chemistry [Y] Prerequisite - Consent of instructor and Algebra II. This is an honors preparatory class. Chemical theory, computer interfacing, and current application of chemical information will be the main emphasis of the class. Topics of discussion will include the following: chemical elements, atomic structure, bonding, stoichiometric relationships, equations, solutions, acids and bases, and equilibrium. A strong background in math and some word processing skills are highly recommended.
- Honors Physics [Y] (College Preparatory) Prerequisite - Algebra II. Grades 11-12. The intention of this course is to look at physics topics in more depth with an emphasis on the mathematics in particular areas. The course is designed for students who will study mathematics, sciences, engineering and technology at the college level.
- Dinosaur Science [S] Prerequisite- none . Did you have a favorite dinosaur when you were a kid? I did and I still do; it is the stegosaurus! Have you ever wanted to learn about the exciting world of paleontology? Do you often wonder about ancient life on our amazing planet? If you have ever wondered about any of these topics, then sign up for the amazing dinosaur class with Ms. Vanosdell.
- Marine Biology [S] Prerequisite - . Do you love the ocean? Do you wish to learn more about the wonders of the sea? Then this is the class for you! We will explore the life, geography, and chemistry of our oceans.

SOCIAL STUDIES

- ^ World History [Y] Prerequisite - Grade 10. This course is a comprehensive study of the history of western civilization from the early civilizations to the present. Significant areas of study include: Rise of Early Civilizations, The Classical World, Civilizations in Transition, The Late Middle Ages, New European Order, Revolution and Reform of Europe, Imperialism and World War I and II, Turbulent Decades 1920-1960, and A Changing World to the Present.
- AP World History This is a college-level course surveying World History from the rise of civilization and the pastoral peoples to present day foreign relations. The course will place a heavy emphasis on geography and world cultures, written and verbal interrogation of primary source documents, and development of causal relationships. We will approach history by tracing the following six AP World History themes: The relationship of change and continuity from 8000 BCE to the present. The impact of interaction among and within major societies. The impact of technology, economics, and demography on people and the environment. Systems of social structure and gender structure. Cultural, religious, and economic developments. Changes in functions and structures of states and in attitudes toward states and political entities, including the emergence of the nation-state.
- ^ U.S. History [Y] Prerequisite - Grade 11. This course focuses on major events and themes that have had significant impact upon the history of the United States. Some of the events highlighted in the course include: American Revolution, Constitutional Era, Background to the Civil War, Civil War and Reconstruction, Rise to Modern America, World War I and II, Cold War and Vietnam, and the 1980's - 1990's. Students will analyze significant cause and effect relationship of historical events and

relate them to the current events of today.

AP US History [Y] Prerequisite - English 10 and World History (or Honors English 10 and AP World History).

American Studies is a two hour block-scheduled, team-taught course incorporating advanced instruction in United States History with detailed language analysis. Students will learn American History by reading and responding to American Literature and will interpret literature using historical contexts. The class will focus on close-reading and analysis of historical, nonfiction, and fictional texts. Students will also interpret artwork, images, photographs, songs, and poetry from historical periods. A variety of essay styles and argumentative forms will be taught. This class fulfills the requirements for both United States History and English 11. At the end of the second semester, students will take the Advanced Placement English Language and United States History tests. Upon successful completion of the course and test, the students may receive college credit for the material covered in this class.

^ Government [S] What is government? How and where does it originate? As the world becomes more globally connected, the American governmental system is changing and adapting to new circumstances. However, the Constitution of the U.S. has constantly reminded Americans of their history and political traditions. This class is designed with the goal of educating students about the systems of government found in the U.S. as stated in the Constitution. A cross between history and politics, this class details the history of the Constitution, discusses the branches of government, analyzes civil rights/civil liberties, and introduces students to many controversial/contemporary topics including: immigration, privacy rights, gun rights, first amendment freedoms of speech and assembly, and more. Equally crucial to this class is developing an awareness of how governmental domestic policy impacts us daily. These issues will be studied in depth beginning with background information, focus questions, and debates on all sides of the issues. Students will gain the knowledge and skills which are necessary become active and productive citizens in their country and local community.

AP U.S. Government & Politics [Y] This class is an introduction to the U.S. Constitution, national policymaking institutions and their relationship to individuals and state governments, and the avenues through which citizens access the policymaking process. To carry the "AP" label means this course has been audited by the College Board and certified as a substitute for a typical entry level college course in American Government/Political Science. Students who earn a passing grade on the AP Exam may potentially earn college credit and bypass a required class in their first year of college (depending on the institution). Students enrolled in AP American Government should expect to take the course for an entire year. Students wishing to take government for a semester should take standard American Government. This is a year-long course, and will culminate with students taking the AP U.S. Government exam in the spring. The course of study will include the following areas:

1. Constitutional Underpinnings of United States Government
2. Political Beliefs and Behaviors
3. Political Parties, Interest Groups, and Mass Media
4. Institutions of National Government:
 - a. The Congress
 - b. The Presidency
 - c. The Bureaucracy
 - d. The Federal Courts
5. Public Policy
6. Civil Rights and Civil Liberties

Current Issues [S] is the study of key issues that impact our lives. During the semester we'll study significant Political (Local, National, International), Cultural (entertainment, social, religious), Historical (key events that result in change), and Natural (disaster) events throughout the world. Understanding Current Issues requires an in-depth look at the "how" and "why" behind the issues. This class fulfills the requirement for a social studies elective.

PHYSICAL EDUCATION & HEALTH

^ P.E. 9/10 [S] – No prerequisite, Grades 9-10. A wide range of individual and life time activities are covered in this course. It is designed to develop skills in selected activities and places emphasis on overall physical fitness and cardiovascular development. Units offered are: physical conditioning, archery, volleyball, basketball, golf, tennis, folf, table tennis, badminton, and fitness testing.

^Health 10 [S] – Prerequisite – Grade 10, or instructor approval. This is a required class at Stevensville High School for graduation. It is a semester class and separate from the physical education classes. Areas covered during the semester relate to the three areas of health - physical, mental, and social. Included topics are mental health and stress, fitness components, drug and alcohol education, non-communicable diseases, and human sexuality. Students are encouraged to incorporate the information into their lives as they see fit and to change behaviors that are unhealthy.

Competitive Sports [S] –This is for students that want competitive play. It will focus on team sports, including basketball, volleyball, badminton, soccer, and more! Units may include in-class tournaments. 1 semester. Prerequisites: PE 9

Early Childhood Development [S] Grades 9-12 – No prerequisite. Students learn the basic information about the physical, intellectual, social, and emotional growth of a child. The class begins with prenatal care and development and the proceeds through various ages and stages of child development. Text, articles, demonstrations, field trips, audiovisuals, real care activities baby simulation and guest speakers are major activates conducted through the semester. This course is appropriate for future parents, for those who wish to pursue a child development association degree, or for those interested in preparing for a degree in elementary education, nursing, pediatrics, special education, child psychology and recreation.

Lifetime Sports [S] – This course stresses the importance of physical activity for life, and focuses on sports and activities that can be played at any age! These include ping-ping, badminton, volleyball, pickleball, tennis, frisbee golf, and more.1 semester. Prerequisites: PE 9

Motion [S] – A fun, challenging class for students that want to work out! The class incorporates cardio workouts, water aerobics, resistance bands, circuit training, yoga, and more. This is designed for students who want an exercise class to develop strength and get a workout! Field trips will be required and need to be made up if missed. 1 semester. Prerequisites: PE 9, Consent of instructor.

Weight Training [S] Prerequisite – PE 9. The maximum number of students allowed in the class per semester is 22 students. In order to accommodate all students with an opportunity to have a weight training class, a criterion has been developed to determine if a student is to be included in a class. The following criteria will be used to develop class rosters for classes near or above capacity:

- ◆ If a student had received less than a B in their previous semester of physical education or weight training, they may not be included in the class. (Example: if a student is a junior, the grade they had the semester they had sophomore P.E. would come into consideration. If they were a senior, the last semester of weight training will be considered, if they haven't been in weight training before, the P.E. would be considered.
- ◆ If a student has already taken weight training that year, they may not be able to take a second semester.

PERSONAL FINANCE

^ Personal Finance [S] – No prerequisite. Grade 11. This required course provides study and practical applications in all areas of consumer issues. The areas covered include money management, time management, and risk management, consumer protection, record keeping, selection and maintenance of housing, real and personal property insurance, motor vehicle insurance, health insurance, life insurance, wills and funerals, taxation, purchase and maintenance of a motor vehicle, career education, job skills and decision making.

CAREER AND TECHNICAL EDUCATION

AGRICULTURE

Agriculture I [Y] – No prerequisite. The student will explore animal agriculture, agricultural mechanics, the role of natural resources in agriculture production, as well as the importance of plans in the agriculture. Additional, students will discuss and evaluate the food industry. Marketing, communication skills, and financial planning will be covered in different units as well. Students' time will be split between the classroom and shop with some field trips. Membership in the Stevensville FFA Chapter will also be possible through this course.

Agriculture II [Y] Grades 10-11 Prerequisite – Ag. I or consent of the instructor. Students will be furthering their knowledge in animal agriculture, agricultural mechanics, the role of natural resources in agriculture production, as well as crops and plan production in the agriculture. Marketing, communication skills, and financial planning will be covered in different units as well. Students' time will be split between the classroom and shop with some field trips. Membership in the Stevensville FFA Chapter will also be possible through this course.

Agriculture III/V [Y] Prerequisite - Ag. II or consent of the instructor, FFA Membership Recommended. This course is designed for advanced study in leadership, animal husbandry, ag mechanics, agricultural business, agronomy, marketing. Specific topics of instruction will focus on leadership, ag mechanics, agronomy, and business. Members in the Stevensville FFA Chapter will also be possible through this course.

Agricultural Mechanics [S] Prerequisite- Ag. I or consent of the instructor. The agricultural mechanics curriculum is based on the needs of the agriculture industry. The students will be experiencing hands on mechanical projects throughout the entire year. The purpose of the class is to cover the various areas of mechanics needed in the field of agriculture. The ag mechanics course will apply the skills of woodworking, welding, small engines, and other necessary skills in the agriculture industry. This course will provide students with experience in maintenance and unique problem-solving scenarios. Students will start the course with a demonstration of the fundamental skills of welding, woodworking, small engines, and electricity with simple projects that are not expected to take more than a week per project. Additional, students will do a variety of career exploration activities such as resume building, interview skills, and a variety of different training programs. Students' time will split between the classroom and hands-on projects. Membership in the Stevensville FFA Chapter will also be possible through his course.

Welding [S] – Prerequisite Ag. 1 or consent of the instructor. Grades 10-12. This course also has the potential to earn college credit through Dual Enrollment. This course focuses on advanced welding skills including SMAW and Oxy-acetylene. Students will learn the following: to identify metals and their properties, prepare basic joints for welding, the various uses of welding and cutting process and their application to project construction. Membership in the Stevensville FFA Chapter will also be possible through this course.

Veterinary Science [S] – Perquisite – Grade 10-12. This course is designed for the individual who is interested in a future in animal husbandry, farming/ranching, veterinary work, or zoology. Specific topics of instruction will focus on livestock handling safety, selection and breeding of livestock, reproductive anatomy, artificial insemination, fertility and pregnancy testing, birth assistance, health care of livestock, and nutrition. Students will learn agronomy and range management practices. Classes will include lecture, laboratory, and guest speakers. Membership in the Stevensville FFA Chapter will also be possible.

Ag. Horticulture/Aqua-culture [S] This course will study the basic fundamentals of plant and soil science. Students will study various seeding and plant propagation techniques as well as photosynthesis, plant reproduction, essential plant nutrients, fertilizer and chemical application scenarios. Students will study basic soil types, and various growing media, they will learn how to raise plants using hydroponics in a soil-less environment. Students will gain experience in greenhouse production practices as they raise and market a horticulture crop. Students will also be taught some basic turf grass management strategies, floriculture, landscape

design and landscape construction. Class time will be divided between classroom instruction and hands on activities in the greenhouse. Class size limited to 18 Students.

Natural Resources and Horticulture [S] - Prerequisite - Sophomore standing and enrollment in biology class. This course will provide an introduction to the management of our natural resources specific to forestry and wild fire management, wildlife management, and fisher management. Students will learn forestry practices from tree identification, and timber cruising. They will gain skills using maps, compasses, and global positioning systems. Working with the US Forest Service the students will apply these read world forestry skills in a contest setting out in the field. Students will study the economics of hunting and fishing. They will conduct research and learn about various mammals found in Norther America. They will then build presentations on the different game species. They will also study the endangered species act and discuss local issues associated with that act. They will learn about severe ecosystems threats like whirling disease and the recovery efforts of grayling and other endangered species. Classes will include lecture, laboratory, and guest speakers. Membership in the Stevensville FFA Chapter will also be possible through this course.

Independent Agriculture [S] Prerequisite - Sophomore standing. Contact Ag. Teacher for course description.

BUSINESS EDUCATION

Accounting I [S] – No prerequisite. A one-semester course that introduces the student to the keeping of a systematic record of business transactions for a sole proprietorship. The complete accounting cycle is studied. Emphasis is placed on work situations, financial statements, and recording transactions in special. Journals. Careers available in accounting and ethics of the accounting field will also be introduced. The student, upon satisfactory completion of this course, will have obtained a skill that can be utilized vocationally in entry level bookkeeping and/or as a preparation for college accounting.

Accounting II [S] – Prerequisite—Accounting I with grade of C or better. A one-semester course that introduces the student to the keeping of a systematic record of business transactions for a corporation. The complete accounting cycle is studied. Emphasis is placed on work situations, financial statements, and recording transactions in special journals. Careers available in accounting and ethics of the accounting field will also be introduced. The student, upon satisfactory completion of this course, will have obtained a skill that can be utilized vocationally in entry-level bookkeeping and/or as a preparation for college accounting.

Desktop Publishing [S] – No prerequisite. Desktop Publishing is a business course designed to allow students to develop proficiency in using desktop publishing software to create a variety of printed publications. Students will incorporate journalistic principles in design and layout of print and web publications including integration of text and graphics and use hardware and software to develop and create quality materials for business related tasks. Students will incorporate the process of analyzing information and audience and choosing the appropriate visual signals to communicate the desired message effectively.

Intro to Computer Science [S] – No Prerequisite. This class is for the self-driven student who is interested in the computer and languages of the computer. Students will create webpages using HTML and CSS. These webpages will be hosted online so they can keep a running portfolio of their creative projects, and easily share their programs with the world. Students gain programming experience early on in the course that will enable them to explore the rest of the course topics through computational thinking practices. Students will write and run code in the browser, create websites and digital presentations, and engage in in-person collaborative exercises with classmates. Students will also get a first hand look at languages like Javascript & Python and how to manipulate that code through games and other programs.

FAMILY AND CONSUMER SCIENCES

Culinary Arts One: [S] Grades 9-12- No prerequisite. If you like to cook and eat, this class is for you. This class helps students make the best food decisions possible in a world that offers so many choices. Students will have the opportunity to study food preparation skills, nutrition, and consumerism when purchasing food.

Students will prepare a variety of nutritious foods and meals found in the food pyramid. This class is for the students who are interested in personal nutrition, a nutrition related career or someone who likes to have fun while cooking.

Culinary Arts Two [S] Grades 10-12 – Prerequisite - Culinary Arts I. This class is for the advanced student in food knowledge and preparation. Topics studied are advanced cooking techniques in several food areas, nutrition, and food preservation, foreign and regional food. Development in food selection, food marketing and food preparation will be researched.

Culinary Arts Three (S) Culinary Arts Three (S) Grades 11-12 Prerequisite- Culinary Arts I and II. This class is for the student that has the basic knowledge from Culinary Arts I and II and enjoys producing creative foods. Students in this class will change recipes, create recipes and perfect recipes to produce a new product. Students will have the opportunity to study foreign and regional foods in this class. This class is for the students that loves working with all kinds of food.

Basic Sewing [S] Grades 9-12 - No prerequisite. This class is for the student that would like to learn basic sewing techniques. Students will be introduced to the computer sewing machine and serger sewing machine. At the completion of this class students will be able to use a computer and serger sewing machine, read a pattern; construct easy garments from a pattern, hand sew, and master general construction techniques. This class is fun for the student that enjoys using creativity and hands on skills.

Intermediate Sewing [S] Grades 9-12 – Prerequisite - Basic Sewing. While in this class, students will learn elements of color, as well as line and texture. Fabric selection and care, pattern selection, basic construction techniques, clothing embellishments and fittings will complete this process. Students will develop clothing for themselves using fashion-designing principles. Additional season projects and current trends are always a part of this class. This class is for the student that wants to sharpen up their sewing techniques, design clothing or sew just for fun. Each student will have the opportunity to construct a quilting project. Basic principles of quilting will be covered, giving the student the ability to quilt now and in the future.

Advanced Sewing [S] – Grades 10-12 – Prerequisite – Intermediate Sewing. This class for the sewing student that enjoys the art of designing and creating their own project. While in this class students will learn, elements of color, as well as line and texture. Fabric selection and care, pattern selection, basic construction techniques, clothing embellishments and fittings will complete this process. Students will develop clothing for themselves using fashion-designing principles. Additional seasonal projects and current trends are always a part of this class. This class is for the student that wants to sharpen up their sewing techniques, design clothing or sew just for fun.

Housing and Interiors [S] Grades 9-12 – no prerequisite. This class is for the student interested in housing and its furnishings. Interior design is an in-depth class concerned with the housing and home furnishing industry. Units included are: home designs, housing styles, selection and preparation of furnishings, and employment opportunities. The use of color schemes, principles and elements of design, and basic designing principles will be taught in this class. Design your own home and decorate it using the latest trends. Dream a little.

INDUSTRIAL TECHNOLOGY

Woods I [S] – No prerequisite. This course will focus on the basics of carpentry, including safe and proper use of tools, understanding of the characteristics of wood, and assembly and finishing processes.

Woods II [S] – Prerequisite - Woods I with a C or higher. This course will build on the foundational skills learned in Woods I with the addition of working with hardwoods and larger and more complex projects.

Metals I [S] – Prerequisite – Woods II with a C or higher. This course will focus on the basics of metalworking, including safe and proper use of tools, machining and blacksmithing.

Metals II [S] – Prerequisite Metals I with a B or higher. This course will revolved around the construction of a recurve bow and knife making.

Construction Trades [S] – Prerequisite –Woods II with a B or higher. This course will focus on the fundamentals of construction, including blueprint reading, framing, interior and exterior finishing, and basic wiring.

WORLD LANGUAGES

Spanish I [Y] No prerequisite. This is an introductory course to the Spanish language; therefore, previous knowledge of the language is neither expected nor required. Students will learn Spanish through listening, speaking, reading, writing activities, and through cultural studies.

Spanish II [Y] Prerequisite – Spanish I. This course continues the direction of Spanish I through continued thematic development of vocabulary and grammar while amplifying previously gained skills in reading, writing, speaking, listening activities and cultural studies.

Honors Spanish III [Y] Prerequisite – Spanish II. This course advances the direction of Spanish II through continued thematic development of vocabulary and grammar while amplifying previously gained skills in reading, writing, speaking, listening activities and cultural studies. Additionally, this course is an introduction to a variety of Spanish and Hispanic literature and literary analysis.

Honors Spanish IV [Y] Prerequisite – Spanish III. The Honors Spanish IV Language course covers the equivalent of a third-year college course in advanced Spanish writing and conversation. It encompasses aural/oral skills, reading comprehension, grammar, and composition. This course emphasizes the use of Spanish for active communication. Students may take the Advanced Placement Spanish Language Exam, but are not required to do so.

FINE ART

ART

Art I [Y] No prerequisite. This is a foundation drawing course covering areas of drawing and shading. A number of styles of mediums (pencil, charcoal, pastel, pen and ink, colored pencil, scratch board) and drawing styles (shading, contour, negative space, grid, realism) will be explored. Some three dimensional work will also be developed in clay. Class limited to 20 students.

Art II [Y] Prerequisite - Art I. This is a painting course. Students pursue the art of acrylic painting and are required to complete four paintings as well as study advanced theory and production in a number of mediums. Before painting the students will study color theory and painting history. Class limited to 20 students.

Art III [Y] Prerequisite - Art I and II. This course covers Watercolor painting for the first semester and Design and its application in painting the second half of the year. Advanced medium techniques will also be taught. Class limited to 20 students.

H-AP Studio Art [Y] A practical experience for art students. The class is designed in three sections: Concentration, creating a statement that will direct the focus of their work throughout the year; Breadth, the student's experiences and accomplishments in a variety of art forms and techniques; Quality, the concept, composition, and technical skills demonstrated and the realization of the artists intentions. Students are required to submit 24 slides and 5 original pieces of artwork to the final reading in May by a National Board to receive college credit.

Pottery [S] No prerequisite. This course covers the study of ceramics including wheel and hand built pieces, clay preparation, glazing, and firing. Class limited to 15 students.

Advanced Pottery [S] Prerequisite - Pottery I. In this class students explore advanced technique, proportion, and ornamentation of ceramic vessels. Hand building and throwing are both required in the class. We also explore the non-functional vessel.

BAND

Concert Band [Y] No prerequisite. Study of various styles of music, history of music, theory of music and appreciation of music through its performance. This is a performance class and, therefore, requires time outside of the normal school day. Improving individual performance on your instrument is stressed. Players of all levels (including beginners) welcome.

*Symphonic Band [Y] Prerequisite - Instructor approval. Study of various styles of music, history of music, theory of music and appreciation of music through its performance. This is a performance class and, therefore, requires time outside of the normal school day.

Percussion Ensemble [S] Grades 9-12 Semester 1 Prerequisite: Instructor Approval. Percussion Class serves the needs of students who need training on the standard instruments of the percussion section (snare drum, timpani, mallets, etc.). The class will also have performance opportunities with the Concert and Symphonic Bands. At the end of Semester 1 each individual will be auditioned and placed into either the Concert or Symphonic bands. These ensembles are designed to meet specific needs and/or interests for percussion instruments. Content includes study of the appropriate ensemble literature, rehearsal and performance techniques from the various areas of musical composition. Rehearsals and performances outside of normal school hours will be required as a part of this course. Instrumentation of the group is at the discretion of the instructor. Students in this course are instructed in percussion techniques which will develop their understanding of the snare drum, timpani, keyboard, set, and many other instruments. Percussion ensemble literature will be explored. All students are required to purchase sticks, mallets, stick bag, and literature. This is NOT a drum set class.

Guitar [S] – No prerequisite. Guitar class is available to guitar enthusiasts of all capabilities. Activities will include basic note reading, guitar tablature, fingerpicking, guitar maintenance and some ensemble playing.

CHOIR

Men's Choir [Y] Men's choir is open to all 9th-12th grade males, no audition is required. In men's choir students will sing music in two to four part harmony and learn the basics of reading choral sheet music. Music will vary in genre from popular to classical. Teamwork, cooperation, and gaining self-confidence through performing will be emphasized as well as individual and group vocal techniques. Students will be graded on cooperation, self-discipline, participation, and attendance at concerts.

Women's Choir [Y] Women's choir is open to all 9th-12th grade women, no audition required. In women's choir students will sing music in two to four part harmony and learn the basics of reading choral sheet music. Music will vary in genre from popular to classical. Teamwork, cooperation, and gaining self-confidence through performing will be emphasized as well as individual and group vocal techniques. Students will be graded on cooperation, self-discipline, participation, and attendance at concerts.

Chrysolian [Y] Chrysolian choir is open to all 9th-12th grade students. Prerequisite: one year of Men's, Women's or Concert Choir; By Audition only. "Students will also study music theory, sight-singing, and ear training techniques." In Chrysolian students will sing music in four or more part harmony and will study advanced choral music. The Music will vary in genre from popular to classical. Teamwork, cooperation, and gaining self-confidence through performing will be emphasized as well as individual and group vocal techniques. Students will be graded on cooperation, self-discipline, participation, their portfolio and attendance at concerts.

SPECIAL EDUCATION/RESOURCE COURSES

These courses are for students on an IEP ONLY!

Adaptive PE [S]

*The Hive [S/Y] Prerequisite - Consent of the instructor. This class is designed to let the student learn business skills while working on the job. Each student will have the opportunity to learn the basic skills needed to enter the work force. Skills include but are not limited to: running a cash register, counting back change, balancing receipts and cash, producing the product, meeting the customer, general maintenance of equipment, terminology of procedures and equipment.

Study Skills [Y] This is a tutorial oriented class focusing on courses in the regular curriculum. This class provides customized tutoring across the curriculum based on each student's specific educational needs. Specific study techniques are taught to help students improve performance and independence in regular classroom subjects.

Vocational/Life Skills English [S] Finding a significant job and maintaining successful communication while on the job requires both written and oral communication proficiency. This class will identify areas of language usage needed for students who want to enter the workforce right out of high school. The skills developed will include organization, clarity, grammar, following directions, giving directions, completing work orders, writing bids, integrating text with diagrams, synthesizing information, writing reports, and identifying and using abbreviations peculiar to certain fields.

Vocational Preparation I [S] No prerequisite. This course is a one-semester class that provides study and practical applications for preparing a student for the work force. This class is in preparation for Voc Prep II. Areas covered include skills for success, career planning, job hunting, and managing your income.

Vocational Preparation II [S] Prerequisite – Vocational Preparation I with a grade of C or better. This is a one semester course that gives the student experience of working in the workforce.

ELECTIVES

Library Skills [S] – No prerequisite. The purpose of this course is to teach the basic functions of a high school library. In this course, students will learn the art of customer service as they interact with individuals who require assistance in the library. Assistance may entail the checking in and out of books, researching books utilizing the Follett Destiny library system, concept and utilization of the Dewey Decimal System, shelving and upkeep of books, as well as assisting customers locate books on the shelves. Additional basic employment skills gained will include reliability, consistency in job performance, telephone etiquette, and learning how to interact with supervisors and fellow workers. This course may be repeated throughout the four years of high school, at the discretion of the Librarian.

Montana Digital Academy (MTDA) [S/Y] – No prerequisite. Grades 10-12 are recommended. Students who are interested in taking an MTDA course need to have self-motivation, desire to learn and work independently, have basic computer skills, and have access to a computer with internet outside of school. For an up-to-date list of course offerings through MTDA, go to the Montana Digital Academy website and check out the current school's year course catalog.

- Freshmen who are interested in taking an MTDA must speak with the School Counselor before registration.
- Parent permission is required for all students taking MTDA.

Office Aide [S] – No prerequisite. This class earns a student .25 credits per semester. An office aide will learn and carry out the following general office skills: answering the telephone, taking messages, delivery of messages and miscellaneous items to students and teachers, retrieving messages from the phone mailbox, record keeping for students checking in and out of school, filing, making copies and collating, delivery of daily bulletin, keeping work area clean, and other duties as assigned.

Teaching Aide [S] – No prerequisite. This class earns a student .25 credits per semester. A teaching aide works with a specific teacher within the district. Students are asked to help with organizing, grading, cleaning shelves, etcetera. Students need to get consent of the teacher before signing up for a Teaching Aide position. A signed note by the teacher needs to be turned into the counselor in order for the Teaching Aide

position to be approved.

Tutoring Lab [S] - No prerequisite - The LAB is not a study hall. Tutoring lab earns a student .25 credits per semester. The focus of our program is to strengthen skills in Math and Reading. To promote these goals there will be a daily reading time from a book of your choosing for the first 10 minutes of class. There will also be short daily assignments in English or Math to improve skills. These will be completed in class. The remaining time will be used for homework with assistance available from the instructor.

*Yearbook [Y] Prerequisite: Students are taught how to use Adobe InDesign and Walsworth toolbars for formatting yearbook pages. Students learn to use scanners, digital cameras, and video digital recorders to prepare photos for the yearbook pages. All photos are put into JPG format and placed onto the pages digitally. Students must prepare the pages from scratch – take pictures at the event, prepare the pictures for use with InDesign, place pictures and captions onto pages, submit pages, and review proofs for final publication. Students also sell advertising and help with sales and distribution of yearbooks.