Spruce Mountain High School Program of Studies 2019 – 2020

Mountain High School reserves the right to make any changes in the Program of Studies whenever circumstances arise necessitating such action. These circumstances may include but are not limited to staff changes, under enrollment, financial considerations or unforeseen emergencies.

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INTRODUCTION

Spruce Mountain High School is dedicated to the idea that education involves, among other things, the development of critical skills for effective lifelong learning. These skills include problem solving, decision-making, critical thinking, creative thinking, communication, organization, cooperation, collaboration, management, leadership, independent learning and documentation. The skills are integral to the courses offered and provide a basis on which content is taught and learned. The Spruce Mountain School Program of Studies presents information about the courses offered. Students and parents should use this book as they plan an appropriate academic program. Please recognize that these courses are possible offerings for the coming year. *Student enrollment in a given course may determine whether it is offered or not.*

MISSION AND EXPECTATIONS FOR STUDENT LEARNING
MISSION STATEMENT

Spruce Mountain High School is a community of learning, which provides all learners a quality education in a positive, safe, and nurturing environment. A flexible, relevant 9 – 12 curriculum prepares students for the future challenges in the ever-changing global community. Our mission is to provide the opportunity and means for each Spruce Mountain High School graduate to become a clear and effective communicator, a self-directed and life-long learner, a creative and practical problem solver, a responsible and involved citizen, a collaborative and quality worker, and an integrative and informed thinker.

A. Student Academic Expectations

1. **Learning Skills**

   Students are expected to:

   a. Read, write, and speak effectively
   b. Use and adapt to changes in information technology
   c. Develop analytical and problem solving skills
   d. Demonstrate interpersonal skills in group situations

2. **Knowledge and Experiences**

   Students are expected to:

   a. Complete a curriculum that requires them to successfully complete a variety of courses in the subject areas of English, science, social studies, math, fine arts, health, and physical education, as well as courses in other elective areas.

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B**. School Wide Civic and Social Expectations**

Students are expected to:

a. Develop an awareness of cultural diversity in the global community
b. Make positive contributions to their school and society
c. Become responsible and informed citizens.

SCHOOL COUNSELING DEPARTMENT

Brooke Newton, School Counselor Annika King, School Counselor

Karen Haley, LCSW, School Social Worker ~ Kathie Bilodeau, Admin. Asst.

The School Counseling Department at Spruce Mountain High School is structured to help all students explore information and receive assistance in all aspects of their educational experience. Students are encouraged to use the School Counseling Department and its resources to help plan their high school course of study, manage their social/emotional development, and guide their transition to post-secondary options. Students are encouraged to stop by the School Counseling office at any time to schedule an appointment.

School Counseling Department
Mission Statement

The mission of the School Counseling Department at Spruce Mountain High School is to provide all students with the opportunity to achieve their highest potential in the academic, social/emotional, and career areas of their lives. We believe in the intrinsic good of each student and view each of them as individuals with unique needs, interests, and abilities, who are influenced on a daily basis by the social systems around them. It is the commitment of our department, in conjunction with other faculty and staff, to foster the development of essential competencies we believe our students need in order to become lifelong learners, responsible citizens, and contributing members of the global community.

Through collaboration with teachers, administrators, parents, and community members, the School Counseling Department assists students in identifying academic goals; developing positive interpersonal skills; and establishing career interests. Using both individual and group planning, the School Counseling staff provides students with access to a wide variety of resources designed to promote awareness of viable post secondary options in an ultra-competitive and ever changing multicultural world. With careful planning and cooperation, we are confident that all students will exit Spruce Mountain School with a plan for continued growth and an understanding of who they are and how they can positively impact our society in the future.

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Guidelines for Course Selection

Students should elect courses based on their ability, interest, future plans and admission requirements at post-secondary schools. Students should also keep in mind, as a first priority, to schedule all courses during their four years that are needed for graduation from Spruce Mountain High School. Students are also encouraged to explore as wide a range of course offerings as possible during their time at SMHS. When selecting courses, students should consult with their parents, teachers, academic advisors and their guidance counselor for assistance. Please use this handbook as a reference for information regarding courses offered at SMHS, graduation requirements and other pertinent information about Spruce Mountain High School.

GRADUATION REQUIREMENTS: **For the Class of 2018 and 2019**	**Course Credit**	**Area Totals**
English		**4**
Must pass 4 years of English		
Science		**3**
Must pass a physical science	**1**	
Must pass a biological science	**1**	
Must pass a third year of science, including a minimum of 1 semester of chemistry and 1 semester of physics	**1**	
Social Studies		**3**
Must pass one semester of World Geography and one semester of Civics	**1**	
Must pass one year of World Studies	**1**	

Must pass one year of U.S. History	**1**	
Math (Sophomores, Juniors, and Seniors) **Freshmen**		**3** **4**
Must earn three high school credits to include Algebra I		
Physical Education/Health		**2**
Must pass two semesters of P.E.	**.5**	**1**
Must pass Health 1 and one Health Elective	**.5**	**1**
Fine Arts		**1**
Must earn one credit in Fine Arts (Band, Music, Art, Drama, and Digital Media or Digital Photography)	**1**	
TOTAL CREDITS FROM REQUIRED COURSES		**16**
TOTAL CREDITS FROM ELECTIVE COURSES		**8**
TOTAL CREDITS REQUIRED for GRADUATION		**24**

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CLASS OF 2019 AND BEYOND

There will be a standards based reporting system which will reflect course requirements in this Program of Studies.

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Planning Your High School Program:

When selecting courses, students should tentatively outline the remainder of their high school program. Planning can ensure a meaningful program that reflects the student's individual needs and increase their options upon graduation. Careful planning will also help with:

- Making sure that all graduation requirements are met
- Insuring preparation for admission to college and other post-secondary programs/training opportunities
- Developing additional interests
- Gaining as many skills as possible while in high school
- Focusing efforts in making post-secondary choices

Academic Load: Students must schedule a minimum of six credit-bearing academic courses per semester. NOTE: Courses with pass/fail grading do not count towards the minimum of six academic courses.

Schedule Changes: There will be an **Add/Drop Period** at the beginning of the school year and prior to the start of the second semester when students will be allowed to request changes to their schedules.

Course change requests after the Add/Drop Period: Students requesting a course change **after the Add/Drop Period** must first speak to the teacher of that class regarding their request to change. If the change does not involve moving to a different level or moving to a completely different course, the change may take place with teacher permission.

If the change request involves a change in course level, the teacher will be consulted. The guidance counselor will check to see if the requested change is consistent with the student's educational plan. In most cases, mutual collaboration will focus on keeping students in courses consistent with their post-secondary plan. Courses are often difficult. In such cases, the first efforts will be to arrange for additional support and assistance to help students improve their skills and learning.

COURSE OF STUDY/ACADEMIC PLANNING

All students at Spruce Mountain High school are encouraged to explore and pursue some type of post-secondary education. Students who plan to apply to a four-year college or university need to follow the college preparatory curriculum outlined below. Students applying to community or technical colleges, two-year business colleges/programs, or other professional training schools need to check specific admissions requirements of those schools and programs. Some technical college programs fill up quickly, and admission to them can be very competitive. Students are encouraged to start the college planning process early, and consult with their guidance counselor regarding planning and specific college admission criteria. All students are encouraged to explore as many different educational course opportunities as their schedule will allow. Return to Index

PLEASE NOTE: Some electives described in this Program of Studies will be offered in 2018-19.

COURSE LEVEL DESCRIPTIONS

In selecting courses, students should consider the course levels listed below:

General:	Core academic courses at this level are intended for two-year technical or community college.
College Preparatory:	Courses designed for four-year college or university preparation.
Honors/Advanced Placement:	Highly demanding, rigorous courses designed for the very motivated student who is willing to be significantly challenged academically.

GENERAL (COMMUNITY & TECHNICAL COLLEGE)

Community and technical college admissions criteria vary from one school to another. Many of these schools have open admission, requiring a high school diploma or GED. However, many of the technical colleges have prerequisite courses for some of their programs (Algebra I, Algebra II, Geometry, Chemistry, Physics, etc), and may also be very competitive with regard to admission to the program. Students interested in pursuing a community or technical college program should meet with their guidance counselor prior to scheduling classes for their junior and senior years to ensure that they have the necessary coursework for admission.

COLLEGE PREPARATORY COURSE

Most four-year colleges and universities require high school students to successfully complete a demanding high school curriculum for admission. Though the standards of admission vary from school to school, it is generally expected that students complete the following **minimum** criteria.

A standard college preparatory curriculum including:

- Four years of College Prep or Honors English
- Four years of College Prep or Honors Science
- Three or four years of math, including Algebra I & II and Geometry
- Three years of social studies
- At least two years of a foreign language (the same language for both years)
- The most challenging curriculum the student's ability will allow
- A strong academic program through the senior year

Students choosing this course of study must keep in mind that a high level of scholarship is expected. Course content of college preparatory, honors, and AP courses is challenging, and the workload is considerable.

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ADVANCED PLACEMENT COURSES

Classes that prepare high school students to take the College Board Advanced Placement Test. A qualifying score on that test may enable a student to waive introductory college courses and earn credit at the college level. Courses include:

AP Language and Composition (Juniors)
AP Literature and Composition (Seniors)
AP United States History
AP Calculus AB and BC
AP Statistics
AP Environmental Science

SPECIAL EDUCATION SERVICES

Programming is available to students identified by an IEP team as needing more structured assistance with school work or adjustment. The intent is to provide instructional support services in a resource room, self-contained or Life Skills program, to foster the students' educational and emotional growth and aid in providing success during the students' school experience. Assistance is available in core academics, and preparation for transitioning from school to employment, post-secondary training, and/or independent or supported living. This program offers support services to help those identified students improve their opportunity for academic success by providing direct instruction or support study.

ACADEMIC PEER TUTOR

Peer Tutor - 1st Semester - Grades 10-12

Peer Tutor - 2nd Semester - Grades 10-12

Up to .5 Credit per Semester, Pass/Fail only

Students may assist students with their studies. Students must be enrolled in at least six other credit-bearing courses in order to peer tutor other students. Permission from the Guidance Office is required. Students in need of academic assistance may access tutorial services through self-referral, teacher referral or intervention placement at progress report or marking period.

COMMUNITY SERVICE OPTION

The opportunity to provide some type of community service will be open to all students at Spruce Mountain High School. In an effort to encourage community service, students will be awarded one quarter of a credit for every thirty hours of documented community service. Students may earn up to one elective credit per school year. **The credit may be earned by submitting a community service plan to the principal for approval. Once the plan is approved, the student will document their service by keeping a service log which must be signed by the supervisor**. A student will receive credit upon completion of the community service project, submission of the service log, and a community service summary by their supervisor.

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KENNETH A. FOSTER REGIONAL APPLIED TECHNOLOGY CENTER

Students in grades 11 and 12 may choose from course offerings from Foster Technology Center on an alternate-day schedule. Enrollment in these programs is significantly limited, and students are selected based upon application, academic, attendance and behavioral considerations. A FTC Program of Studies may be obtained through the Guidance Office.

Note: A separate application is required for these programs.

ALTERNATIVE EDUCATION

The Alternative Education Program is designed to provide a unique, individualized educational experience for those individuals seeking to complete their high school programming in a non-traditional classroom setting. Students who participate in this program are able to work individually or in small group settings with a teacher who provides core academic instruction based upon the needs of each student. To determine if students are eligible for the program, they must first participate in an intake process, or interview, to assess whether the program is an appropriate avenue of completion for the student. An initial referral must be conducted with the Director of Guidance. Students accepted for admittance are required to sign a contract along with the student's parents that outlines the conditions of program participation.

ENGLISH

College Preparatory English 9

Grade 9
Full Year, 1 English credit

English 9 Aligned with the Common Core, this class utilizes drama, poetry, short story, novels, non-fiction texts and film to improve reading, writing and presentation skills through a variety of common assessments. This year focuses on theme of "Coming of Age."

Honors English 9

Grade 9
Full Year, 1 English elective credit

This one year class fulfills the English 9 requirement for students who are advanced in English. The class will follow the general English 9 curriculum but with added reading and writing at a more sophisticated level.

College Preparatory English 10

Grade 10
Full Year, 1 English credit

Although the CP English 10 It is the second level of a "scaffolded" curriculum designed to prepare students for a four-year post-secondary college. Aligned with the Common Core, this class utilizes drama, poetry, essays, novels, art, speeches, non-fiction texts and film to improve reading, writing and presentation skills through a variety of common assessments. This year focuses on the theme of "Culture."

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Honors English 10

Grade 10
Full Year, 1 English credit

Honors English 10 is an advanced course for sophomores who are gifted in reading and writing. While the curriculum is the same as English 10, it completes the work at a more demanding pace and allows for even more challenging enrichment activities. It is designed to prepare students for Advanced Placement courses in their third and/or fourth years. It is the second level of a "scaffolded" curriculum designed to prepare students for post-secondary education or career readiness. Aligned with the Common Core, this class utilizes drama, poetry, essays, novels, art, speeches, non-fiction texts and film to improve reading, writing and presentation skills through a variety of common assessments. This year focuses on the theme of "Culture."

College Preparatory English 11

Grade 11
Full Year, 1 English credit

The CP English 11 is the third level of a curriculum designed to prepare students for a four year post secondary college. Aligned with the Common Core, this class focuses on American Literature and utilizes drama, poetry, memoirs, novels, satire, speeches, non-fiction texts and film to improve reading, writing and presentation skills through a variety of common assessments. This year focuses on the theme of "The American Dream."

AP English Language and Composition

Grade 11
Full Year, 1 English credit

AP Language and Composition is a course in effective writing and critical reading. Areas of study include reviewing and analyzing the development and structure of language, utilizing different modes of rhetoric, and responding analytically to non-fiction, literature, documentary, speech, and visual media. Special attention will be given to the effective writing and analysis of argument. The course follows the curriculum for a basic English 101 course in college. In May, students are expected to take the College Board's AP Language and Composition Exam, which may earn them college credit. Summer reading is expected; a contract must be signed by students and parents.

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College Preparatory English 12

Grade 12
Full Year, 1 English credit

The CP English 12 is the he chronological survey of British literature is taught with an emphasis on historic periods and their impact on the writers. A wide variety of genres will be read. Literary responses, essays, and research will be written and discussed. Preparation for postsecondary education is the driving force in this class. Students will learn how to read, write, and study college-level material.

AP English Literature and Composition

Grade 12
Full Year, 1 English credit

Advanced Placement English Literature and Composition is designed for students who have a special interest and achievement in English. It offers students an opportunity to read and discuss a wide variety of literature. Students write literary responses, essays, critical analyses and research papers. In May, students are expected to take the College Board Advanced Placement Exam. Those students who do well on the exam may earn college credit for this course work.

ENGLISH ELECTIVES

(Please note: elective offerings will vary from year to year)

Harry Potter and the Magic of Literature

Grades 9-12

This course can be taken as a Full year or Semester course 1 or.5 elective credits

This course can be taken as a semester or year long course. Semester one will focus on Harry's early years at Hogwarts while examining the first half of the series through a critical lens. This semester is open to any students whether they have read the series or not. Semester two will focus on Harry's later, more tumultuous years at Hogwarts during the second half of the series. Students may sign up for semester two only if they have taken semester one or have previously read the series. It must be noted that this course requires a strict reading schedule and a deep analysis of the series. We will be examining the literary merit of the series as well as its social commentary and cultural impact.

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Literature Lounge

Grades 9-12

Semester, .5 credit

Would you like to spend your time curled up with a good book and a coffee (or tea!)? Could you spend an entire day lounging in a café with your favorite novel? Do books, beverages, and blankets sound like your idea of a good time? If you answered yes to any of the aforementioned questions, this is the course for you! This semester long course aims to nurture a love of literature through a combination of independent and shared reading experiences. Students will be self-directed and have the opportunity to create their own independent reading plan. Genres, authors, and topics will be explored and shared through regular café style round table discussions. Students will promote and share their favorite authors, series, and/or genres with their peers both in and out of the classroom. Students should expect to be assessed through literature circles, book talks, presentations, and projects.

Advanced Literature

Grades 10 – 12
One Year, 1 elective credit

RECOMMENDED FOR AP AND HONORS STUDENTS

This advanced literature course will prepare you for college courses and high-level high school English classes with companion reading that goes beyond the regular English Classroom, for those students who want a challenge that will give them an advantage on AP tests and college level literature. One year of this course prior to graduation is suggested for students wishing to take AP Literature their senior year.

Poetry

Grades 10 – 12
One Semester, .5 elective credit

This introduction to poetry course will survey different genres and styles in poetry. As a class, we will examine elements of poetry, read samples by published poets and spend the majority of our time working those same poetry elements into our own crafted poems. If you are expecting a student-centered poetry workshop, this class will give you exactly that. If you are expecting to enjoy this class, you will!

Adventure Lit

Grades 9 – 12
One Semester, .5 elective credit

Verb: Engage in hazardous and exciting activity, esp. the exploration of unknown territory. Hazardous and exciting activities?! In English Class?! You bet. We'll read about adventures of all types (outdoors, survival, athletic, cultural, musical, and more) experience a few of our own, document our explorations of unknown territories and have a heck of time doing it. We'll be reading various works – Bryson, Sedaris, etc. – as well as adventure blogs and podcasts of authors as yet unknown. If you are a curious person who enjoys a new challenge, this class if for you.

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Mythology

Grades 9 – 12
One Semester, .5 elective credit

The myths of the Greeks and Romans are interesting and enjoyable in their own right. They are also an invaluable resource for understanding the art and thought of Western tradition. This course will provide an introduction to the major myths of Greece and Rome as they appear in Greek and Roman literature and as they are represented in modern art, music, and film.

Creative Writing/Memoir

Grades 9 – 12 \
One Semester, .5 elective credit

Students will have an opportunity to play with words and spin phrases to write creatively for a variety of purposes. This class will promote student choice in a writer's workshop atmosphere. If you have been looking for a fun and rewarding writing class where, "I want to write what I want to write", then, you have found it.

Novel as History

Grades 9 – 12
One Semester, .5 elective credit

This course is designed to appeal to both the avid reader and history buff. Students will participate in close readings and class discussions to discover that novels are products of the social, political, economic, and cultural happenings of the time period during which they are produced.

Advanced Writing Portfolio

Prerequisite Creative Writing

One semester, .5 elective credit

This class is for students who wish to further hone their writing skills and complete a volume of writing such as a collection of poems, a completed short story or essay collection. Students will spend time writing and revising their own work as well as peer-editing in class. Students will be expected to produce finished work that they may submit for college applications or for contents and student publications.

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Technical Writing and Writing Process

Grades 9-12

One semester, .5 elective credit

This class is for students who would like to improve their writing in order to successfully complete school work and prepare for the world of work or community college. Students will learn to write for a variety of audiences and situations.

Computer Science Principles

Grades 9-12
Full year 1 elective credit

This class is meant for students with NO previous programming experience as an introduction to computer science/programming. In addition to learning the basics of coding, students will explore moral and ethical issues involved in computer applications and explore how computers receive and create data. This class is hands-on, has little homework and requires regular classroom attendance for credit as most lessons are done with groups or in pairs.

FAMILY AND CONSUMER SCIENCES

Parenting/Family Life

Grades 9–12
One Semester, .5 elective credit

Family life and being a parent are demanding, challenging, and always changing. This course will emphasize parenting roles, birth, development of children, and positive guidance. Ways to solve personal and family problems will be discussed.

Child Development

Grades 10–12
One Semester, .5 elective credit

This course will focus on working with children. This will be done through activities associated with pre-school and early childhood care, including: how children learn and develop, preparing activities as an Early Childhood Educator to address the social, emotional, physical, and intellectual needs of children, providing nutritious meals and snacks, and the significance of various activities for children in the areas of Art, Literacy, Dramatic Play, and Physical Fitness. Some activities with children will be included in this course.

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Independent Study in Early Childhood Education

Grades 10-12
One Semester, .5 elective credit
Prerequisite: Successful completion of Child Development and teacher approval

Have you taken Child Development? Would you like the opportunity to work more closely with preschool or elementary-aged children? Students will have the opportunity to further their understanding of the physical, emotional, social, and cognitive development of young children and responsibilities of early childhood educators through a semester-long placement in a district classroom.

Life After High School

Grades 11–12
One Semester,.5 elective credit

This course illustrates a realistic approach toward basic living skills needed after high school. Students will focus on individual, personal and career goals. Areas of study will include: decision–making, money management, renting an apartment, buying a vehicle, types of insurance, clothing care/basic sewing, and meal planning/preparation.

Become a Bakery Chef

Grades 9–12
One Semester, .5 elective credit

Cooking is fun and part of everyday life. By learning to read a recipe, you will be able to cook anything. Units will include basic skills (including safety), cookies, cakes, breads, pastry, and desserts. Students will be expected to sample the foods they prepare in class.

World Foods

Grades 10 – 12
One Semester, .5 elective credit

Take a journey around the world without ever leaving the kitchen! This course will help students gain an appreciation for new foods by preparing and sampling examples of traditional cuisine. Students will study the significance of food in various regions and cultures, including: North America, Latin America, Europe, Mediterranean Countries, the Middle East and Africa, and Asia.

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Creative Quilting (I & II)

Grades 9 – 12
One Semester,.5 elective credit

Share the heritage of quilting growing in our hometowns. Explore the history of quilting. Use the sewing machines to make a traditional quilting project. Some hand sewing will also be used. Student will need to provide the fabrics and materials for their quilts. (Prerequisite Fabric to Fashion).

From Fabric to Fashion (I & II)

Grades 9–12

One Semester, .5 elective credit

Learn about fashion, textiles, and the art of design. Create your own fashions and use patterns to expand your wardrobe. Sew projects for your home. Once you master basic sewing techniques and learn to use the sewing machine, you can create almost anything. Fabric and a sewing kit will need to be purchased by the student.

Folk Art and Handcrafts

Grades 9-12
One Semester, .5 elective credit

Our culture has a rich history full of traditional crafts and handmade items typically referred to as "Folk Art". In this course, we will explore the origins & learn the basics of a variety of these art forms. Each student will have the opportunity to create his or her own projects representing four types of Folk Art. The types of projects included will vary depending on student preference, but could include: crochet, knitting, embroidery, needlepoint, cross-stitch, printmaking, weaving, basketry, tole painting, doll making, jewelry, soap making, candle making, and more! Students may need to provide some materials for projects

FINE ARTS: VISUAL AND PERFORMING ARTS

Visual Arts

Grades 9–12
Full Year, Meets the 1 credit Fine Arts requirement

This art class will help you learn a variety of tools and techniques guided by the Principles of Design and the Elements of Art. Drawing and painting skills will be taught, using many different kinds of materials to create 2-D and mixed media work. You will have a fresh way of viewing

objects and the world around you, as well as a new appreciation for art. Projects will be shaped to the students needs.

Honors Art

Grades 11, 12
Full Year, Meets the 1 credit Fine Arts requirement

Prerequisite: Prior completion of at least 3 other art classes

This class gives highly motivated students the opportunity to do advance level artwork. Students will produce work with the goal of assembling a portfolio. The projects will be geared to the individual student and their needs to advance their skills and techniques. Illustration and graphic design will be heavily explored, as well as sculpture. This course is for students who are specifically thinking of pursuing a career in the art field.

Drawing for Illustration

Grades 10–12
One Semester (1st semester), .5 Fine Arts credit
Prerequisite: Successful Completion of Visual Art 1 or with teacher's approval

Students in this course will learn about and produce a wide range of two-dimensional art. The class is mostly hands-on and includes extensive exposure to drawing, painting, collages, illustration and graphic design. Some projects include: movie poster illustration, book covers, interior illustration, CD cover illustration and fantasy illustration. Students will learn about famous artists and develop the ability and vocabulary to talk about art intelligently. Self-expression and portfolio development are encouraged. Students can take this course more than once.

Drawing for Illustration II

Grades 10 – 12
One Semester (2st semester), .5 Fine Arts credit
Prerequisite: Successful Completion of Drawing For Illustration 1 or with teacher's approval

This course is a continuation of Drawing For Illustration I. Students in this course will be expected to continue to challenge themselves, honing their craft and technique while engaging in illustrative work. As young artists, students are expected to push themselves to their limits, and continue to grow both artistically and spiritually. Projects and themes include: Self reflection, Landscape, Scratchboard, Airbrush, Mixed Media.

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Landscape Painting I

Grades 9-12
One Semester, .5 Fine Arts credit

Do you want to learn to paint but have never tried, or have been too nervous to try? This is a beginner class where students will learn the art of landscape painting —building strong foundational skills through underpainting, building layers, and glazing, as well as understanding composition through shape and balance of design. Many concepts and techniques will be experimented with, as well as explorations of backgrounds, waterfalls, deserts, seascapes, mountainscapes, fantasy and imaginary lands, and Plein Air painting(outside) . **No prerequisite required.**

Landscape Painting II

Grades 9-12
One Semester, .5 Fine Arts credit

This is a continuation of Landscape Painting I. More techniques explored and skills will further be honed throughout the semester. Students will be encouraged to work on a larger scale. This is not a class for first-time painters; however, it is ideally suited for those who have painted and drawn before, and are committed to learning more about value, composition, and building solid foundations in their paintings ***Completion of Landscape Painting I is required, or completion of at least 1 other fine arts class with Mr. Barlow***

Drama

Grades 9–12
Full year, Meets 1 credit of Fine Arts Requirement

This class is a performing arts class. Students will be working on stage movements, voice development, improvisation, script analysis, characterizations, projection and acting theory. No prior experience is required. Students will be required to perform outside the school day for the public.

Technical Theater

Grades 9–12
Full year, Meets 1 credit of Fine Arts Requirement

This course will explore set design and construction, painting techniques to create illusion, lighting design and function, creating stage props, developing ground plans, models, lighting plots, renderings, and costuming. The fine arts of stage managing will also be learned. These skills will be put to use as you work productions. Students are REQUIRED to attend show rehearsals and performances after school hours and on weekends. If you cannot commit to the production aspect of the class, you should avoid taking it.

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Band

Grades 9–12
Full Year, Meets 1 credit of Fine Arts Requirement

Band is divided into three phases-marching (1st quarter), concert band (2nd and 3rd quarter), and marching/concert band (4th quarter). Students are advised that all band participants must attend course required events throughout the year. This includes, but is not limited to the following activities - rehearsals, home football games, concerts, parades and school functions. All of which are graded in the course syllabus. No prior experience in the playing of a musical instrument is required.

Jazz Band

Grades 9–12
.25 credit, Pass/Fail
Prerequisite: Concurrent enrollment in high school band

Jazz band meets at least once per week beginning at the start of November before school. The course will include rehearsals and performances of jazz style music including but not limited to jazz rock, jazz, swing and blues. Various jazz styles will be taught along with improvisation.

Rock of Ages

Grades 9–12
Full year, Meets 1 credit of Fine Arts requirement
Prerequisite: Students should have some basic skills in singing or the various instruments or permission from instructor.

In the first semester of this course students will learn about the history of Classic Rock music and the performers in each decade starting in 1950 going through to the present. In the second semester the entire class will work collaboratively as an ensemble to learn and perform Classic Rock selections studied. Students having guitar, drum, bass and piano skills as well as vocal interest are encouraged to take this course. Non-music performing students may take the first semester only as an elective.

Rock of Ages II, III, IV

Grades 10 –12
One Semester, .5 Fine Arts credit (spring only)

This course is offered in the spring semester and focuses on the performance aspect of the content. Only students completing and passing Rock of Ages can participate in the spring performance semester. Operation of live sound equipment and audio mixing concepts will also be addressed in this course. Class size is limited.

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Vocal Ensemble

Grades 9–12
Full year, Meets 1 credit of Fine Arts requirement

This course is designed for any student interested in singing. Music of all choral genres will be introduced, from classic repertoire to contemporary works in the "Glee" style and "Sing Off" style. Students with an interest in dance and choreography are also encouraged to participate in this class. Attendance at all scheduled performances is required.

PLEASE NOTE: THERE IS A SHOE FEE FOR THIS CLASS PERFORMANCE

Beginning Piano

Grades 9–12
One Semester (1st semester), .5 Fine Arts credit

This hands-on performance class is intended for any student who is interested in learning basic piano skills or for any piano player who wants to develop his/her current knowledge. There is no prerequisite for this class. Student will learn the basics of music reading, piano skills and ensemble performance. As well as learning to improve skills and perform on the piano, the concepts of a modern rock/pop band format will be utilized to provide students with a contemporary performance experience.

Beginning Guitar

Grades 9–12
One Semester (2nd semester), .5 Fine Arts credit

This course is designed for any student who is interested in developing basic guitar skills and basic music reading and theory. Students will learn basic melodies, chords, rhythmic figures and song forms. Ensemble and solo participation will be incorporated into the class structure. As well as learning to improve skills and perform on the guitar the concepts of a modern rock/pop band format will be utilized to provide students with a contemporary performance experience.

Publishing/Yearbook

Grades 9 – 12
Full Year, Meets 1 credit Fine Arts Requirement

Would you like to participate in creating the next volume of the Phoenix yearbook? This course teaches layout design, creative writing, and publishing. The first three quarters of the year are dedicated to publishing the high school yearbook. The last quarter of the school year is dedicated to other forms of publishing as well as learning about photojournalism. Though photography is not a prerequisite for this course, it will definitely be an advantage in the class.
NOTE: A STRICT DRESS CODE IS FOLLOWED.

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Video Production

Grades 9 - 12
One Semester, .5 of Fine Arts credit

This course is designed to introduce students to video broadcasting. Throughout this course, students will learn the basics of video production. Students will create video trailers, music videos, and photo/video journalism reports. Students will be required to attend at least one outside function in order to videotape the event and then bring it through the editing stages. All video productions will be created with the intention of being viewed through our local television channel, channel 7.

Digital Photography

Grades 9 – 12
One Semester, .5 of Fine Arts credit

Students in this course will learn the basics of digital photography. Students will learn about portrait photography and will be required to complete a portrait portfolio. Students will be exposed to a variety of types and techniques used by professionals in the industry. Many of the projects from this class are shared with the Publishing class for the yearbook. You will also learn about still life, re-creation photography, and candid photography. If you enjoy taking photos or want to improve your photography, this is the course for you.

Photoshop I

Grade 9 – 12
One Semester, .5 of Fine Arts credit

Photoshop is an intense, but enjoyable class. As a member of this class, you will learn many of the components of Photoshop. Photoshop is used at many universities and community colleges. Participation in this class will require dedication, attention to details, concentration, and a great amount of patience. Students will be taking pictures in this class and then they will learn techniques to enhance their photos. Some things that will be taught in this course are: using layers, superimposing pictures, correcting imperfections in photos, photo touch-ups, color correction and using spot color. The majority of the work is done in class, so participation is crucial.

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Photoshop II

Grade 9 – 12
One Semester, .5 of Fine Arts credit

This is a continuation of Photoshop I and can only be taken if the student successfully completes Photoshop I. In Photoshop II, students will be exposed to blending modes, filters, and other advanced tools. Students will be expected to apply the use of the basic tools automatically although a quick refresher will be given at the beginning of the course. Students will create advanced projects and will be working with multiple layers, techniques, and styles in this course. This class is specifically geared towards students with an interest in graphic design. Students and parents will assume responsibility for equipment provided by Spruce Mountain High School.

HEALTH AND PHYSICAL EDUCATION

Health I

Grade 9
One Semester, .5 Health credit

This course explores different aspects of physical, mental/emotional, and social health. Some of the topics covered include, but are not limited to: Self-Image, Influences on Health, Health Skills (including Lifelines training), Nutrition, and Human Body Systems.

Physical Education I

Grade 9
One Semester, .5 Physical Education credit

Physical education courses promote a continuation of skill and general motor development with special emphasis upon team and group activities.

Health II

Grade 10
One Semester, .5 Health credit

This course builds upon the concepts that students have learned in Health I to promote healthy choices throughout life. Some of the topics covered include, but are not limited to: Building Healthy Relationships, Human Growth & Development, Human Sexuality, Communicable & Non-communicable Diseases, the Immune System, Exercise, and Environmental Health.

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Physical Education II

Grade 10
One Semester, .5 Physical Education credit

Physical education courses promote a continuation of skill and general motor development with special emphasis upon team and group activities.

Current Health Issues

Grades 11, 12
One Semester, .5 credit

This course covers topics such as: career exploration in the health field, health and technology, teen diversity, healthy decisions about body art and piercing, infectious disease in the 21st century, and other health issues facing today's teenagers (depression, bullying, peer pressure, self-worth, gender confusion, self mutilation and behavior disorders). This course can be taken as an elective, or to fulfill the graduation requirement for Health I or Health II.

First Aid/CPR Injury Prevention

Grades 11, 12
One Semester, .5 credit

Fit for Life

Grades 11, 12
One Semester, .5 credit

Through this course, students will develop an individual fitness program, based on Cardio, strength and endurance levels. This class will require fitness testing

and daily exercise.

Sports and Fitness Activities

Grades 11, 12
One Semester, .5 credit

This course is designed for more competitive Physical Education, with more advanced skills and knowledge of rules and strategies of games and sports.

Outdoor Adventure

Grades 11, 12
One Semester, .5 credit

This course is designed for recreational and team building activities. Orientating, canoeing, hiking, project adventure course, cross country skiing and snowshoeing are included.

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JOBS FOR MAINE'S GRADUATES PROGRAM

Jobs for Maine's Graduates Opportunity Awareness Program

Grades 11
Full Year, 1 elective credit

Opportunity Awareness (OAP) centers on helping students succeed in school by providing guidance for both school and personal issues. The class promotes increased self-awareness and positive social skills. Students will explore the opportunities available to them after high school. Class time is also given to community service projects, team building exercises, and leadership development.

Jobs for Maine's Graduates School-to-Work Transition

Grade 12
Full Year, 1 elective credit

The School-To-Work Transition (STW) class assists high school seniors as they graduate from high school, preparing them for the world of work and post-secondary education. Curriculum includes job attainment and job survival skills as well as the exploration of post-secondary opportunities, financial aid, and scholarships. Class time is also given to community service projects, team building exercises, and leadership development. After graduation, JMG provides twelve (12) months of follow-up services to the students.

Work Experience

Grade 12
One Semester, .5 elective credit
Or Full year, 1 elective credit

Seniors enrolled in JMG receive elective credit for part-time employment. The JMG specialist meets with employers, student performance is evaluated, and desirable workplace behaviors are emphasized.

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MATHEMATICS

General Algebra I

Grades 9, 10

Full Year, 1 Math credit

Prerequisites: Successful completion of 8th grade mathematics, data analysis of NWEA, Placement exam scores, and/or teacher recommendation.

THIS COURSE MEETS EVERY DAY

This course covers the Algebra I curriculum, meeting every day for 40 minutes preceded/followed by a 40 minute study hall. Algebra skills and concepts are learned at a slower pace and with more support. Students will cover solving algebraic equations and inequalities using multiple methods. Students will write linear equations for lines, as well as graph linear equations by calculating slope and y-intercept. Students will continue with new concepts such as solving systems of linear equations and quadratic equations, polynomials, and properties of exponents and rational expressions.

College Preparatory Algebra I

Grades 9, 10

Full Year, 1 Math credit

Prerequisites: Successful completion of 8th grade mathematics, data analysis of NWEA, Placement exam scores, and/or teacher recommendation.

CP Algebra I is a course developed for students with average mathematical and problem solving skills. It also provides an excellent opportunity to teach general problem solving strategies that are useful in other branches of mathematics and in other subject areas. A development for the basic language of Algebra is integrated throughout the course and topics covered are: properties and sets of numbers, graphing of lines and inequalities, functions, percentages, radical expressions, simplification of polynomials, operations with polynomials, quadratic equations, and radical expressions.

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Honors Algebra I

Grades 9, 10
Full Year, 1 Math credit
Prerequisites: Successful completion of 8th grade mathematics, data analysis of NWEA, Placement exam scores, ***and/or teacher recommendation.***

Algebra 1 Honors is an accelerated course developed for students with above-average mathematical and problem solving skills. This course provides students with a rigorous comprehensive course of study in first-year algebra and prepares students for further work in algebra while making connections with previous math courses, developing computation and problem-solving skills at an accelerated pace. Main concepts and techniques involve: reading of algebra; comprehension of definitions, formulas, and terms; exploring and extending the study of properties of real numbers; solving one-step equations and inequalities; exploring factors and fractions; patterns in addition, subtraction, multiplication, and division in polynomials; functions and graphing; and tools that relate to both algebra and geometry.
Students who successfully complete this course should have a strong understanding of accelerated algebra concepts, an appreciation of algebra, a sense of self confidence, and developed their independent problem solving skills.

General Geometry

Grades 10 - 12
Full Year, 1 Math credit
Prerequisites: Successful completion of Algebra IA and Algebra IB or teacher recommendation.

This course focuses on the practical applications of geometric concepts using exploratory methods as they relate to real world situations. This course includes topics such as parallel lines and planes, congruent triangles, inequalities, similarity, areas, volume, circles, and coordinate geometry.

College Preparatory Geometry

Grades 10, 11
Full Year, 1 Math credit
Prerequisite: Successful completion of Algebra I or teacher recommendation.

The course covers geometric terms and processes, using logic and problem solving. It includes topics such as parallel lines and planes, perpendicularity, polygons, congruent triangles, triangle inequalities, similarity of figures, area, volume, circles, constructions and coordinate geometry. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument.

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Honors Geometry

Grades 9–11
Full Year, 1 Math credit
Prerequisite: Successful completion of Honors Algebra I or teacher recommendation.

This course stresses the in-depth structure of Geometry at an accelerated pace. Emphasis will be placed on expanding critical thinking skills as they relate to logical reasoning and argument using formal proofs. This course is highly recommended for students looking to pursue a degree in a science or mathematical-related field.

Intermediate Algebra II

Grades 11-12
Full Year, 1 Math Credit
Prerequisite: Successful completion of Algebra I in one or two years and Geometry or teacher recommendation.

Intermediate Algebra is designed for students going into a post-secondary two-year college or trade certification program requiring more than basic algebra. This course is similar to Algebra II, but without the faster pace and with less breadth and depth than CP Algebra II. The focus will be on application of four basic functions: linear, absolute value, quadratic, piecewise; finding the solutions of quadratic equations using a variety of methods including Cramer's Rule; and simplifying radical expressions of various degrees, both real and imaginary. Students will develop their skills of analyzing information, and in being independent problem solvers.

College Preparatory Algebra II

Grades 9–12
Full Year, 1 Math credit
Prerequisite: Successful completion of Algebra 1 or teacher recommendation.

CP Algebra 2 is designed for the college-prep student and is strongly recommended to any student who is considering furthering his/her education after high school because most four-year colleges require this course to be completed in high school. The focus will be on application of four basic functions: linear, absolute value, quadratic, piecewise; finding the solutions of quadratic equations using a variety of methods; properties of exponents and simplifying radical expressions of various degrees, both real and imaginary; and a review of the basic trigonometry functions. Students will develop their skills of analyzing information, and in being independent problem solvers

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Honors Algebra II

Grade 9–11
Full Year, 1 Math credit
Prerequisite: Successful completion of Honors Geometry or teacher recommendation.

This course is designed for the college-prep student and is strongly recommended to any student considering furthering his/her education after high school. The focus will be on linear, quadratic, exponential, logarithmic, polynomial, radical, rational, and piecewise functions, as well as conics, matrices, and basic probabilities and statistics. Most four-year colleges require this course to be completed in high school.

Honors Algebra II differs from Algebra II in depth and breadth of instruction. This course is highly recommended for students looking to pursue a degree in a science or mathematical-related field.

College Preparatory Pre-Calculus

Grades 11, 12
Full Year, 1 Math credit
Prerequisite: Successful completion of Geometry and Algebra II or teacher recommendation.

This course is recommended for students looking to attend a four-year college but not necessarily a degree in a science or mathematical-related field. Students will be reviewing concepts that were covered in Algebra II and Geometry. Students will also explore in more detail functions and their graphs, trigonometry, and conics but not in as much depth as the Honors Pre-Calculus.

Honors Pre-Calculus

Grades 11, 12
Full Year, 1 Math credit

Prerequisite: Successful completion of Honors Geometry and Honors Algebra II or teacher recommendation.

This course is a preparation for AP Calculus. It will cover functions and their graphs, conics, polar coordinates, trigonometric functions and their graphs, right and oblique triangle trigonometry, trigonometric identities and inverse trigonometric functions. and other advanced topics necessary for Calculus.

Honors Pre-Calculus differs from CP Pre-Calculus in depth and breadth of instruction. This course is highly recommended for students looking to pursue a degree in a science or mathematical-related field. This class must be taken in order to take AP Calculus.

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AP Calculus AB (Calculus 1)

Grade 11-12
Full Year, 1 Math Credit
Prerequisite: Successful completion of Honors Pre-Calculus and Honors Trigonometry.

This course will cover the following topics: functions and graphs, limits and continuity, Differential Calculus and Integral Calculus. Student will take the Advanced Placement Exam in May.

AP Calculus BC (Calculus 2) Online AP4LL

Grade 12
Full Year, 1 Math Credit
Prerequisite: Successful completion of Honors Pre-Calculus and Honors Trigonometry

This course will review the topics from AP Calculus AB in more depth; vectors, polynomial approximations and series. Students will take the Advanced Placement Exam in May. The math teacher here at SMHS will act as mentor while the student's instruction comes from an AP4ALL instructor.

AP Statistics

Grade 11-12
Full Year, 1 Math Credit
Prerequisite: Successful completion of Algebra 1, Algebra 2, Geometry and Pre-Calculus or teacher recommendation.

AP Statistics involves the study of four main areas: exploratory analysis; planning a study; probability; and statistical inference. This course requires reading of the text and numerous short essays.

College-Prep Statistics

Grade 11-12
Full Year, 1 Math Credit
Prerequisite: Successful completion of Algebra 1, Algebra 2, Geometry or teacher recommendation.

Statistics is the science of collecting, organizing, analyzing , and interpreting data in order to make decisions. In this course students will learn, apply, and critique statistical procedures in real world context.

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Senior Math

Grade 12– General
Full Year, 1 math credit

Prerequisite: Successful completion of Algebra I in one or two years and Geometry or teacher recommendations.

The first half of the year will be for preparation for college readiness exams, such as Accuplacer. This course will also provide an opportunity for trade career and technical school-bound students to continue to develop and reinforce their current math skills. Students will explore technical related fields and the math skills and concepts needed to be competitive in these career paths. Some of the concepts covered include measurement in various units, conversions, plane and spatial geometry, algebra concepts and basic trigonometric functions as they relate to real life applications.

MATHEMATICS ELECTIVES

Computer Programming

Grades 10 – 12 College Preparatory
Full Year, 1 math elective credit

Prerequisite: Successful completion of Algebra I and Honors Geometry or teacher recommendation.

In this course, students will be introduced to the fundamentals of computer science and JavaScript programming. Throughout the course, student will learn:

- Computer hardware components and their functions,
- JavaScript programming, including program design, control structures, functions, loops, data structures and algorithms.

Using Java students will be able to render images, create animations, and games, and be able to generate mathematical and graphic models.

SAT Preparation

Grades 10 – 11
Second Semester, .5 Elective Credit
Prerequisite: Successful completion of Algebra I and Geometry or teacher recommendation. Current enrollment in CP Algebra II or higher math class.

This course will cover the structure of the MATHEMATICS portion of the SAT test and include test-taking strategies for timing, pacing, guessing, and reviewing math concepts that are on the math sections of the SAT test Math SAT test practice included.

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Topics in Mathematics

Grades 10-12 One Semester, .5 elective credit
Prerequisite: Currently enrolled in or completed a course in Algebra 2 or teacher recommendation.

Because high school math is a integrated curriculum of algebra, geometry and trigonometry mixed together over a 3-4 year period, discrete mathematics is often overlooked. Discrete math topics include, but not limited to combinatorics, probability, number theory, set theory, propositional logic, algorithms, and graph theory.

- Discrete math essential to college-level mathematics and beyond.
- Discrete math is the mathematics of computing.
- Discrete math is very much "real World" mathematics.

SCIENCE

General Earth and Physical Science

Grade 9
Full Year – 1 credit

This course is designed for students either entering the job market after high school or furthering their education in programs that do not require sciences for admissions to the program. Topics for Science I will include weather, heat and nuclear energy, and geology. Topics for Science II will include electricity and magnetism, and waves including sound and light. Class projects will include elements of problem solving. The content meets the requirements of the Maine Learning Results.

College Preparatory Earth and Physical Science

Grade 9

Full Year – 1 credit

This course is designed for students planning to attend a two or four-year college who do not plan to major in a technical science or engineering field. Topics for semester I will include weather, heat and nuclear energy and geology. Topics for semester II will include electricity, magnetism, and waves including sound and light. This course requires students to complete independent reading, research and project work with problem solving. The content meets the requirements of the Maine Learning Results.

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Honors Earth and Physical Science

Grade 9
Full Year – 1 credit

This course is designed for highly motivated students who are planning to major in a technical field (STEM) and are planning to attend a four-year college. Teacher recommendation is required. Topics for semester I will include but are not limited to weather, heat and nuclear energy, and geology. Topics for semester II will include electricity, magnetism, waves including sound and light. This course proceeds at a rapid pace and includes an in-depth exploration of concepts with independent reading, research, and project work with an emphasis on problem solving. The content meets the requirements of the Maine Learning Results.

General Biology

Grade 10
Full Year, 1 credit

This course is designed for students either entering the job market after high school or furthering their education in programs that do not require sciences for admissions to the program. The course covers the basic concepts of biology set forth in the Maine Learning Results: cellular life processes, genetics, evolution, classification of living things and basic ecology, with an emphasis on their impact in our daily lives. Accompanying lab activities provide students the opportunity to model concepts and develop problem-solving skills. Successful students will be focused and involved during class activities, and will stay current with reading and small amount of homework required.

College Preparatory Biology

Grade 10
Full Year, 1 Credit

This course is designed for students planning to attend either a two or four-year college who do not plan to major in a technical science or engineering field. Content and associated lab work provide an in-depth exploration of ecological principles, cellular life processes, transmission and molecular genetics, and evolution. The content meets the requirements of the Maine Learning Results and may include topics beyond the scope of the Maine Learning Results. A strong emphasis is placed on the development of the critical thinking, problem solving and communication skills that will be necessary for postsecondary programs of study. Successful students will be committed to completing assigned homework and being organized and focused class participants.

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Honors Biology Extension (students sign up for College Preparatory Biology)

Grade 10

Teacher permission is required.

Students in a CP Biology class may choose to do the Honors Biology Extension requirements. In addition to all the standards covered in CP-level biology, honors students will be required to complete independently, two (2) additional standards (1 per semester).

This course is designed for highly motivated students who are planning to major in a technical science field (STEM) and are planning to attend a four-year college.

AP Biology

Grade 12

Full Year, One Credit

This AP Biology Class requires a time commitment of 3 semesters in a two year period. The first year will encompass two consecutive semesters, while the second year will require a second semester commitment to complete the course material and prepare for the AP Biology test which will be taken during the spring of the second year. AP Biology focuses not only on content coverage, but on applying concepts to experimental situations, designing experiments, and demonstrating scientific reasoning and analysis, guiding students to a deeper understanding of biological concepts including the diversity and unity of life, energy and the processes of life, homeostasis and genetics. Students learn about regulation, communication, and signaling in living organisms, as well as interactions of biological systems. Students carry out a number of learning activities designed to help students gain an understanding of the science process and critical thinking skills necessary to answer questions on the AP Biology Exam. The class is conducted at the college level and students are expected to work accordingly. AP Biology differs significantly from a traditional high school biology course due to text content, depth of material covered, lab work, and time and effort required to achieve mastery in subject area. There will be a summer work component that must be completed. This work will be submitted and graded in the summer and before the return of students for the 2018-19 school year.

Honors Anatomy & Physiology

Grades 11, 12

Full Year, One credit

Teacher permission is required

This upper-level elective course builds upon conceptual foundations laid in biology, but with an emphasis on the structure and function of the human body, and seeks to prepare students for college level work habits. Course content is organized by organ system. Study of each system begins with review of the cells and tissues comprising the organs of the system. Students should be prepared to learn and apply a significant amount of new vocabulary as part of their study of each system. This course is useful for students who plan careers in medicine, pharmacy, psychology, veterinary science, medical technology, or any other health-related field.

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General Chemistry

Grades 11, 12
One Semester, .5 Science credit

This course is designed for students either entering the job market after high school or furthering their education in programs that do not require sciences for admissions to the program. This course will concentrate on the environmental and health aspects of Chemistry as experienced by the community. This course has a high technology load and students will be required to research, prepare and submit presentations. Utilization of problem solving skills will be stressed. Topics covered include lab safety, matter, mass, volume and density, elements and compounds, atomic structure, the Periodic Table, bonding, energy, pollution and interactions of matter.

College Preparatory Chemistry

Grade 11,12
Full Year, 1 credit
Enrollment in Algebra 2 and College Preparatory Biology are recommended

A more theory-based program, this course is designed to prepare students planning to attend a four-year post-secondary school. Chemical calculations and utilization of problem solving skills will be stressed and topics covered include lab safety, atomic theory, molecular structure, balancing and using chemical equations, equilibrium, acid base theories, energy, the gas laws, periodicity, stoichiometry and oxidation and reduction.

Honors Chemistry

Grade 11, 12
Full Year, 1 credit
Enrollment in Algebra 2, and Honors Biology are recommended

This course is based on a college freshman chemistry text and is designed for very motivated students with a strong interest in science with a view to pursuing this interest at the four-year college level. This is at a greater depth than CP Chemistry and will require a much deeper theoretical understanding. Topics to be covered include atomic theory, molecular structures, stoichiometry, equilibrium, thermodynamics, periodic properties, electrochemistry, and oxidation-reduction reactions. Utilization of problem solving skills will be stressed in this course.

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General Physics

Grades 11, 12
One Semester, .5 credit
There is no math prerequisite for this course.

This course is designed for students either entering the job market after high school or furthering their education in programs that do not require sciences for admissions to the program. Topics covered in this course will include motion, forces, work and energy. This is a conceptual class where math is used as a tool for problem solving but is not the primary focus; this course is designed to meet the State learning standards in physics and is not recommended for students who plan to attend college.

College Preparatory Physics

Grade 12
Full Year, 1 credit
It is recommended that the student has successfully completed CP Chemistry, Algebra I & II and CP Geometry.

This course is designed for students planning to attend either a two or four-year college who do not plan to major in a technical science or engineering field. The course will focus on Physics concept development, followed by mathematical problem solving. Topics will include forces, motion, astronomy, work, power, and energy.

Honors Physics

Grade 12
Full Year, 1 credit
It is recommended that the student has successfully completed CP Chemistry, Algebra I & II and CP Geometry

This course is designed for students planning to attend either a four-year college who plan to major in a technical science or engineering field. The course will focus on Physics concept development, followed by advance mathematical problem solving. Topics will include forces, motion, work, power, and energy.

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SCIENCE ELECTIVES

Forensics

Grades 12
One Semester, .5 Science elective credit
Prerequisites: Students enrolling in this course should have successfully completed CP Biology or Honors Biology and CP Chemistry or Honors Chemistry, or teacher discretion.

Forensic Science is a semester course designed to introduce students to the scientific techniques used to help solve criminal cases. Emphasis will be placed upon crime scene investigation, and evidence collection and analysis. Students will analyze specific types of evidence, including hair, fiber, fingerprint, DNA, pollen, and blood spatter.

Advanced Placement Environmental Science

Grades 11, 12
Full Year,1 Credit
Prerequisites: Successful completion of Honors Biology. Students should have completed or be concurrently enrolled in Honors Chemistry.

This course will cover the following topics: ecology, evolution, natural resources, energy production, pollution, biodiversity, and human population and impacts on the environment. The course requires an understanding of science and its methods, application of mathematics, and critical thinking skills. Strong reading and writing skills are essential for success. The class contains numerous labs, simulations, outdoor investigations, and field trips. Students are expected to take the College Board AP Exam and those who score high enough may earn college credit for the course.

Environmental Science – Earth, Air, and Water

Grade 11, 12
.5 Credit - 1 Semester (1st), College Prep

The course will investigate aquatic systems, soil ecosystems, and the atmosphere: their composition, properties, and dynamics. The class contains numerous labs, simulations, outdoor investigations, and field trips. Learn to think like a scientist and appreciate the natural world through hands on course work**.**

Environmental Science – The Living World and Forest Ecosystems

Grade 11, 12
.5 Credit - 1 Semester (2nd), College Prep

The course will investigate wildlife ecology, forest ecosystems, and human populations and impacts on the environment. The class contains numerous labs, simulations, outdoor investigations, and field trips. Learn to think like a scientist and appreciate the natural world through hands on course work**.**

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Alternative Energy Sources

Grade Level 9–12

One Semester, .5 credit

This course is available for all students and consists of a variety of hands-on problem-solving activities focusing on the area of alternative energies. Topics cover wind power, solar power, geothermal, and the related career opportunities available in today's world of work. Students will compete in statewide competitions such as wind blades and the windstorm challenge. The class will also connect student various college programs available to them after high school.

Electronics for High School Students

Grades 9-12

One Semester, 0.5 credit

A semester elective introducing the basics in the theory and practice of electronics, this course will be of interest to students who are both academically and vocationally motivated. Topics covered range from a grounding in electrical and electronic theory to practical experience in soldering, project building, cable forming, PC building and Operating System installation.

Forest Ecology **Fall Semester ONLY**

0.5 Elective Credit

Students will explore the relationships between forest organisms and the forest environment. Outdoor labs are plentiful, required and will be conducted throughout the fall. Tree identification, tree measurement and diversity will be studied outside. Students will present life history projects on a tree and on a forest animal of their choice. This class requires independent in-class work with minimal homework.

Science Recovery **Spring Semester ONLY**

No Credit

Students will use this class to catch up on science work from the first semester that they did not complete. They will also continue working on second-semester work with teacher supervision. Successful completion of this course will mean the student will earn a passing grade in their normal class.

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SOCIAL STUDIES

General World Geography and Cultures

Grade 9

First Semester, .5 Social Studies credit

This class will provide basic map-reading skills and require students to demonstrate an awareness of the world's physical and political geography. Students will also examine the cultures of various regions of the world including (but not limited to) languages, economies, religions and traditions. Additionally, students will be required to read the following memoir that will enhance students' understanding of a specific foreign culture; *Facing the Lion: Growing Up Maasai on the African Savanna*, by Joseph Lemasolai Lekuton. Students will use maps, charts, other resources and technology to construct data and interpret information

College Preparatory World Geography and Cultures

Grade 9

First Semester, .5 Social Studies credit

This class will provide map-reading skills and require students to demonstrate an awareness of the world's physical and political geography. Students will also examine the cultures of various regions of the world including (but not limited to) languages, economies, religions and traditions. Additionally, students will be required to read the following memoir that will enhance students' understanding of a specific foreign culture; *Chinese Cinderella: The True Story of an Unwanted Daughter*, by Adeline Yen Mah. Students will be required to use a variety of resources and technology to analyze and evaluate ideas. Special attention will be given to refining students' abilities to express themselves orally and in writing.

Honors World Geography and Cultures

Grade 9

First Semester, .5 Social Studies credit

This class will provide map-reading skills and require students to demonstrate an awareness of the world's physical and political geography. Students will also examine the cultures of various regions of the world including (but not limited to) languages, economies, religions, and traditions. Additionally, students will be required to read the following memoir that will enhance students' understanding of a specific foreign culture.

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Civic Responsibility

Grade 9
General, College Preparatory, Honors
One Semester, .5 Social Studies credit

In this course students will develop a working knowledge of their personal responsibility in society today. Students will be analyzing the elements of our democratic process and will determine the role that they play in everyday affairs. Students will be analyzing their civic responsibility that is required in order to become productive and helpful members of an ever-changing 21st century. In this course students will use a variety of technologically and literacy based methods and educational approaches to help better determine their specific values and roles for the future.

General World History

Grade 10
Full Year, 1 Social Studies credit

This course is designed to encompass the basic concepts of world history. During the first semester of study, topics and themes will include: the Greeks and Romans, medieval Europe, the Golden Ages, and the Renaissance, political and economic development, the influence of geography on cultures, the growth of science and technology, and the arts. During the second semester of study, topics and themes will include: Exploration, The Enlightenment and World Revolutions, Industrialization, Nationalism and World Wars, political and economic development, the influence of geography on cultures, the growth of science and technology, and the arts.

College Preparatory World History

Grade 10
Full Year, 1.0 Social Studies credit

This course is designed to encompass the basic concepts of world history. During the first semester of study, topics and themes will include: the Greeks and Romans, medieval Europe, the Golden Ages, and the Renaissance, political and economic development, the influence of geography on cultures, the growth of science and technology, and the arts. During the second semester of study, topics and themes will include: Exploration, The Enlightenment and World Revolutions, Industrialization, Nationalism and World Wars, political and economic development, the influence of geography on cultures, the growth of science and technology, and the arts.

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Honors World History

Grade 10
Full Year, 1.0 Social Studies credit

This course is designed for more in-depth study of the concepts of World History with an emphasis on trends and enduring themes. Topics include the Greeks and Romans, Medieval Europe, the Golden Ages, and the Renaissance, Exploration, The Enlightenment and World Revolutions, Industrialization, Nationalism, and World Wars. This course will include examination of primary sources, and historical writing in which the student will work at presenting a thesis and supporting it with information from these sources. Students with a particular interest in studying and discussing history in more detail should consider this course.

General United States History

Grade 11
Full year, 1 Social Studies (US History) credit

The course content will be the same as the College Prep description below, but additional support for literacy will available.

College Preparatory United States History

Grade 11
Full year, 1 Social Studies (US History) credit

This course will cover the social, political, and economic developments of the United States in the years since Reconstruction. We will analyze America's position in the world today as it has developed during the last century. Special attention will be given to refining the students' ability to express themselves orally and in writing.

Advanced Placement United States History

Grade 11, 12
Full year, 1 Social Studies (US History) credit

This is a challenging course that is meant to be the equivalent of a freshman college course and can earn students college credit. Solid reading and writing skills, along with a willingness to devote considerable time to study, are necessary to succeed. Emphasis will be placed on critical and evaluative thinking skills, essay writing, interpretation of original documents and historiography. Students will need to commit to the completion of summer work before they take this course. Students will take the AP Exam in the spring.

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SOCIAL STUDIES ELECTIVES

The X(X) Factor – Women in History and Society
Grade 11, 12
One Semester, .5 elective credit

The monarch who helped lead England from being poor and isolated to becoming one of the world's great empires; the scientist whose investigations led to the discovery of radioactivity, the element radium, and two Nobel prizes; the bus-rider who refused to give up a seat to a white rider and served as a key figure in the Civil Rights Movement that led to major advancements in equality among Americans; the biophysicist whose work on x-ray diffraction led to the discovery of the DNA double helix; they were all women! Women make up over half of the world's population, yet they receive significantly less attention in most history textbooks. In this class, you will learn more about individual and groups of women who have made major contributions to the world throughout history. You will examine the ways in which women's roles and rights have changed over time both in the US and the wider world. You will also have an opportunity to conduct and present your own individual research on topics that you are most interested in – for example: women's involvement in the public sphere and politics; women's work inside and outside the home; the impact on women of two world wars; or women's liberation and the backlash against feminism.

The History of Science and Technology
Grade 10-12
One Semester, .5 elective credit

Imagine a world without technology – no cell phones, televisions, or cars. Now keep imagining –no washing machines, indoor plumbing, or antibiotics. Life as we know it here in the United States would not be the same; and yet this describes life for humans not just throughout history, but also in many places around the world today. In this class, you will learn about major changes in the development of scientific learning and the technological discoveries made possible through the study of science. Topics will span time beginning with early humans' discovery of such basic tools like fire and written language; through the Age of Enlightenment's development of the scientific method and resulting discoveries; to the modern advancements that impact our lives today. There will be a special emphasis on the ways in which technological advancements impact human life both positively and negatively. You will explore what aspects of society and the environment contribute to scientific advancements and why areas of the world have advanced at different speeds at different times in history. You will also have an opportunity to choose specific areas of science and technology that are of interest to you to research and present on.

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British History

Grade 12
Full year, 1 Social Studies/elective credit

This course is designed to complement British Literature and AP English Literature courses. We will trace the earliest history of the British Isles as it relates to Beowulf, then continue to evaluate the political and social developments of the Middle Ages, looking particularly at Chaucer's times. From the Middle Ages, we will go on to The Renaissance and Shakespeare by studying the influence of the Tudors on the modern history of England as it lead to the Age of Reason. Finally, we will take an in-depth look at the Victorian Era as it is reflected in the literature of the times. Combined projects with English will be an integral part of this class.

Introduction to Economics

One Semester, .5 elective credit

In this course students will develop a working knowledge of economic concepts, the principles of entrepreneurship and personal finance, and an introduction to the basic forces that drive the global economy. Students will apply these concepts and design their own business plan using these concepts. Students will use a variety of technology, literacy based methods, and educational approaches to help understand these concepts and interpret local and global economic trends.

Holocaust

One Semester, .5 elective credit

The elective will study the impact of intolerance and hatred on society with a particular emphasis on the Nazi Holocaust. Students will complete a case study on Twentieth Century genocide as a final project. We will try to answer the question of why and discuss our responsibility to see that it never happens again.

History vs. Hollywood

One Semester, .5 elective credits

This semester course is designed for students who have successfully completed United States History. Students will watch a variety of films based on events in United States history and will compare the historical significance and accuracy of the films in relation to the actual events. Student will also analyze the films for their symbolism and will discuss the filmmakers' techniques. Students should be interested in US History and will complete a good deal of writing, reading and researching.

Sociology

One Semester .5 elective credit

This course involves the scientific study of human interaction. We will explore theories as to why people interact the way they do. Topics will include the study of social classes and status, group prejudice and discrimination, as well as crime. **Return to Index**

Psychology

One Semester .5 elective credit

This introductory course in psychology addresses working definitions of psychology as well as brief introductions to how psychology impacts everyday life. Areas of study are introduction to psychology, human growth and development, memory, learning and conditioning, gender and sexuality, psychological disorders, and the influential founders of major psychological breakthroughs and theories.

America in the 1960's: A Decade to Remember

One Semester, .5 elective credit

When some people think about America in the '60's, they might think of some of the following individuals or events that you may not yet be familiar with: *Janis, Woodstock, the "Summer of Love," flower children, sit-ins, the "Great Society," the Clean Air Act, hippies, yippies, "Black Power," the Black Panthers, Silent Spring, Easy Rider, The Graduate, Hair* They may also think of the some of the following notable quotations: *"Make love. Not war." "End it! And end it now!"'"Ask not what your country can do for you; ask what you can do for your country." "Free at last, free at last, thank God almighty, free at last!"* At the start of the decade, Democrats John F. Kennedy of Massachusetts and Lyndon Baines Johnson of Texas narrowly won the presidential election over Republicans Richard M. Nixon and Henry Cabot Lodge, Jr. By the end of the decade, President John F. Kennedy, his brother, Attorney General Robert F. Kennedy, Martin Luther King, Jr., Medgar Evers, and Malcolm X had all been assassinated, and the U.S. was embroiled in the Vietnam War. The 1960's was a decade that was marked by turbulence and social uprooting that manifested itself into a broad spectrum of revolutionary movements from the Civil Rights Movement, the women's movement, and the sexual revolution to the anti-war movement, the free speech movement, the Black Arts movement, and the environmental movement. The1960's witnessed the development of a distinctive counterculture that found expression in popular music, poster art, and psychedelics. To cover as much meaningful material as possible throughout the course, our focus will be restricted to the number of topical concerns listed above.

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Current World Issues *Course#*
Grade 9-12
One Semester, .5 elective credit

This course examines current world issues by looking at the UN's sustainable development goals and applying them at a global, national, and local level. The investigation of issues impact the current generation and future generations will be discussed as well as ways in which these issues can be solved. Students will gain an understanding of what they can do to improve things in their own community and even to the extent of on a global scale, while reflecting on their responsibility to create change for the better.

Controversies Throughout History *Course#*
Grade 10-12
One Semester, .5 elective credit

This course examines some of the largest controversies that we have seen throughout our history as a global, national, and local society. This course is largely debate structured and allow for students to explore major controversies from their own viewpoint, while also gaining the skills to take others understanding into perspective. Students will learn how to effectively communicate with one another in a respectful and educated manner. Students will leave this course with the understanding of and ability to apply discussion, debate, and dialogue in the real-world.

Pop Culture and Politics
Semester, .5 elective credit

For better or for worse, American popular culture and politics have always been closely linked. Today, this fact seems even more pronounced. How did we get here? This class will look at how the mass media developed and created a collection of ideas, trends, and feelings that have dominated our everyday lives and society in the past and present. It will trace the early development of popular culture in the United States through today, and examine how it has affected those who lead us politically. Music, movies, comedy, and more will serve as the prism through which we can understand America.

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TECHNOLOGY EDUCATION DEPARTMENT

Woodworking Technology

Grades 9– 12

One Semester, .5 credit

Here is your chance to make useful projects for yourself, family, or sweetheart. Students taking woodworking technology have the opportunity to build wooden projects in an exciting hands-on environment. Students will learn how to use and apply woodworking equipment. Students will learn to plan work, make and read simple drawings, select stock (kinds of wood), work roughstock down to finished dimensions, assemble parts and apply finish. The use of hand tools will be stressed at the beginning of the course and we will then progress to a study of safety and the use of power tools. All students will be involved in cooperative learning activities that are designed to have students think creatively and find solutions to problems.

Metals Technology

Grades 9–12
One Semester, .5 credit

This course is open to any student interested in learning how to plan; problem solve, and make objects out of metal. Students will learn to form metal into a variety of different objects using various techniques, including welding and fabrication, sheet metal work, melting and pouring castings, forging and basic machine techniques. At the beginning of the course, students will be exposed to all of the various metal forming activities that can be done in the technology lab. Students will be required to use all of the various techniques taught while completing critical and creative thinking activities. Students will learn about careers in the various fields of metals, how metals are formed, and the use of metal in everyday life.

Introduction to Technology, Engineering and the World of Work

Grades 9– 12
One Semester, .5 credit

This class is for freshmen, or students with no technology experience.

In this class students will be introduced to technology education and engineering concepts. The class is designed for students with no previous experience. Students will be exposed to many technology related areas of study. The focus of the class will be to introduce engineering concepts and give all students basic hands-on skills to be able complete and solve design

problems. Learning to problem solve and work in cooperative learning groups will be a key aspect taught in the class. Throughout the class, we will be relating technology and engineering concepts to future employment opportunities. Students will have opportunities to listen to local employers (entrepreneurs) about the future employment skill, required to be hired in their businesses.

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Robotics/Pre-Engineering I

Grades 9–12
One Semester, .5 credit

Are you interested in learning about robotics? Robotics/Pre-Engineering is a semester long class in which students learn to problem-solve while building robots and wind blades. Students learn how to program a robot, infuse fiberglass with resin, and design and build various complex systems. Following an engineering design process and problem solving are key components to the class. One of the major goals for the class is to apply physics and engineering concepts to real world problems. The goal is to have students compete at a state robotics competition. Students will also participate in the windblade and windstorm engineering design projects.

Robotics/Pre-Engineering II

Grades 9–12
One Semester, .5 credit
Prerequisite: Robotics/Pre-engineering I

Robotics/Pre-Engineering II is a second semester for students to further develop their skills with robot builder and programmers. Robotic/Pre-Engineering II is a semester long class in which students learn to problem solve while building robots and wind blades. Students learn how to program a robot, infuse fiberglass with resin and to design and build various complex systems. Following an engineering design process and problem solving are key components to the class. One of the major goals for the class is to apply physic and engineering concepts to real world problems. The goal is to have students compete at a state robotics competition. Students will also participate in the windblade and windstorm engineering design projects.

Computer Aid Design I

Grades 9 – 12
One Semester, Meets .5 credit of the Fine Arts requirement

Are you interested in learning about design as a career choice? Have you used Google's Sketchup and want to learn more about CAD? If you are interested in designing your dream house, this is the class for you. The aim of this course is to present to the beginning student basic information, skills and concepts related to design. Any student planning to further their education in design, construction or engineering must have this course. Students will be taught how to make animations and other fascinating activities along with the academic work. Students will be taught in the computer lab for the majority of this course, using a computerized drafting software package. Autodesk® Design Academy offers secondary students the right toolset to engage students in science, technology, engineering, art, and math (STEAM). The comprehensive

software suite design, visualization, and simulation capabilities enable students to easily move between 2D and 3D design environments and fully experience their creative ideas digitally. Supports creativity and the teaching of critical-thinking and problem-solving skills through the use of the design thinking process, and 2D and 3D software tools. Helps students see the dynamic connection between science, math, art, and technology, Preparing them for college and careers in architecture, engineering, and design. **Return to Index**

Computer Aid Design II

Grades 9–12
One Semester, Meets .5 credit of the Fine Arts requirement
Prerequisite: CAD I

CAD II is a continuation of CAD I. Any student who is planning to further their education in design, construction or engineering will have an opportunity to work on more complex projects related to mechanical and architectural drafting. Students will be expected to use their drafting stills to benefit the community by drawing plans and developing projects. Students will use the computer lab for the majority of this course, using a computerized drafting software package.

Computer Programming

Grades 10 – 12 College Preparatory, 1 Semester, 0.5 math elective credit;

In this course, students will be introduced to the fundamentals of computer science, Java programming, and Object-Oriented Design. Although not an AP course, this course will also prepare those students who are interested in taking the AP Computer Science A exam.

Throughout the course, students will learn:

- History and Evolution of Computers and Programming
- Hardware and Components
- Java Programming
- Object-Oriented Design
- Algorithms
- Data Structures
- Other topics will include quantum computing, data encryption, cyber security, and artificial intelligence.

Advanced Woods

Grades 10–12
One Semester, .5 credit
Prerequisite: Completion of Wood Technology and Permission of Instructor

This class will provide students the opportunity to pursue an interest in woodworking either for pleasure or in preparation for a career path. Students will be required to build a piece of furniture and coffee tables, bookcases, Adirondack chairs and hope chests are examples of things that can be made in this class. Topics that will be covered will include a brief history of furniture designs, machine operations and processes, solid wood construction principles and materials management.

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Basic Home Repair and Construction

Grades 9 – 12
One Semester, .5 credit

This course is designed to cover various aspects of home repair, including basic electrical circuits, fixture repair, outlet and switch installation/repair, basic plumbing, basic carpentry, sheetrock installation/repair, wall and floor tile installation/repair, home insulation, basic furniture repair and appliance repair. This course will include theory as well as hands-on activities. Students will draw a complete set of house plans and build an 8' x 12' shed.

Advanced Metals Technology

Grades 10–12
One Semester,.5 credit

Prerequisite: Metals Technology

Advanced metalworking technology is for that student who wants to learn more about metalworking as a career choice. Students will be expected to apply knowledge learned in metalworking technology to individualized projects. These projects will be bigger and more complex than those done in metalworking technology. Students in the course will spend time in the computer lab learning about computerized drafting and machining.

Small Engines/Auto Care

Grades 9– 12

One Semester, .5 credit

This course is designed for students with no previous courses involving small engines and automobiles. In this course the basic operational principles of small engines and automobiles by means of assigned readings, DVD videos, and by the disassembly-repair-reassemble of engines in the lab. You'll learn the basic fundamentals of what makes a car "tick" and how to perform basic maintenance procedures on an automobile. Examples of areas covered are: checking fluid levels, tire pressures, condition of various hoses and belts, lamp replacement, rotate tires, emergency procedures, and preventative maintenance. How to change oil and various filters and performing

general repairs will also be discussed. Both theory and "hands on" activities will be part of this course.

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Introduction to Basic Electricity

Grades 9 - 12
One Semester, .5 credit

This course covers the basics of electricity, including electrical theory, language of electricity, use of meters, sources of electrical energy, electrical control, direct and alternating current, and the study of electronic terms and components. This also includes study and laboratory experiences in house wiring, constructing electronic projects and performing basic service on electric equipment and appliances.

WORLD LANGUAGES

World language instruction at Spruce Mountain High School is based on the World Language Graduation Standards proposed by the Maine Department of Education. These standards are derived from the Maine Learning Results, ACTFL Standards for Foreign Language Learning in the 21st Century, and ACTFL Proficiency Guidelines and Standards for Language Learning.

The focus is on 3 C's: Communication in the target language in 3 modes: conversational, presentational and interpretive. Comparisons are made between cultures and languages. Communities refers to using the language both in the classroom and beyond, for lifelong learning and enjoyment.

As stated in the student handbook, most four year colleges and universities expect students to have completed at least two years of world language study in high school, the same language for both years. Some colleges require four years of study of the same language, so beginning in the freshman year is recommended. However, at this time, world language courses are not a high school graduation requirement.

French I

Grades 9 – 12
Full year,1 elective credit

The first year is intended to develop the four basic language skills of listening, speaking, reading, and writing. Students considering this course should be highly motivated and prepared for speaking and writing tasks.

Features of the course which are built upon in later levels are:

- a strong focus on communication
- development of cultural awareness
- building a grammar base
- the introduction of new vocabulary with a focus on daily life topics
- practice through varied and meaningful situational and personalized contexts

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French II, III, or IV

Students will improve on the level of proficiency attained in their previous year of study and work on moving to the next level. In the mixed level classroom, all of the students work together to expand their vocabulary base and their knowledge of how the language works. Major assessments are evaluated using multi-level rubrics: that is, students are graded based on their year of experience. The themes and topics are in the context of Francophone culture.

Students should sign up for French II, French III, or French IV, according to the year of study they are going to be in.

Rotating themes:

Year A : French culture through time and around the world
2021-2022
Year B : A Year in Paris (a virtual college Junior year abroad)
2019-2020
Year C : Cultural comparisons: Daily life in France and in the US
2020-2021

Spanish I

Grades 9 – 12
Full year,1 elective credit

The first year is intended to develop the four basic language skills of listening, speaking, reading, and writing. Students considering this course should be highly motivated and prepared for speaking and writing tasks.

Features of the course which are built upon in later levels are:

- a strong focus on communication
- development of cultural awareness
- building a grammar base
- the introduction of new vocabulary with a focus on daily life topics
- practice through varied and meaningful situational and personalized contexts**.**

Spanish II, III, or IV

Students will improve on the level of proficiency attained in their previous year of study and work on moving to the next level. In the mixed level classroom, all of the students work together to expand their vocabulary base and their knowledge of how the language works. Major assessments are evaluated using multi-level rubrics: that is, students are graded based on their year of experience. The themes and topics are in the context of Hispanic culture.

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Students should sign up for Spanish II, Spanish III, or Spanish IV, according to the year of study they are going to be in.

Rotating themes:

Year A	: Travel: a way to experience other cultures and discover yourself	2021-2022
Year B	: A Year in Madrid (a virtual college Junior year abroad)	2019-2020
Year C	: Cultural comparisons: Daily life in Mexico and in the US	2020-2021