



SPRINGPORT HIGH SCHOOL GRADUATION REQUIREMENTS

To be eligible to participate in graduation related exercises and to receive a diploma from Springport High School, a student must, as a minimum, complete 31 credits, satisfactorily in grades nine (9) through twelve (12). Every student must successfully complete a seminar session each semester. One quarter (1/4) credit will be awarded for seminar each year.

2008-2010/REQUIREMENTS

LANGUAGE ARTS	3 credits (3 semesters) – 2 credits must be taken from English 9 and English 10. One (1) credit must be taken from the following electives: Effective Reading/Writing, British Literature, Practical English, World Literature, Speech, American Literature, Creative Writing, Modern Novels, Science Fiction and Mythology, Forensics Drama and Debate, Advanced Placement English and Writing Lab.
SCIENCE	3 credits (3 semesters, Class of 2009, 2010) 3 credits (2007, 2008) Students must earn one (1) in Applied Biological Systems and one (1) credit in Physical/Earth Science or Chemistry. One (1) credit must be taken from the following electives: Zoology, Ecology, Botany, Anatomy /Physiology and Physics.
MATH	3 credits (3 semesters, Class of 2009, 2010), 3 credits (Class of 2007, 2008)
COMPUTERS	1 credit (1 semester)
PHYSICAL EDUCATION	1 credit (2 semesters) for classes of 2007. Class of 2008 and later must take 1 credit (2 semesters) of Healthy Living.
SOCIAL SCIENCE	3 credits (3 semesters) – to be taken from one semester of Global History, one semester of United States History, and two semesters of Government and Economics.
REQUIRED ELECTIVES	2 credits (4 semesters) – Must complete two credits of electives in the areas of vocational education, fine arts, practical arts, or foreign language.
ELECTIVES	16 credits (32 semesters)-to be taken from the curriculum in any area for the classes of 2007 and 2008.
SENIORS	1 credit (1 semester) Senior Transitions

A student must take all required classes for graduation within the curriculum of the Springport High School. Correspondence credit, summer school credit, or community education credit will not be accepted without prior approval of the principal or guidance counselor. ANY REQUIRED CLASS FAILED MUST BE MADE UP IN BONA FIDE CLASSROOM PROGRAMS. Community education and summer school are examples of bona fide classroom programs. Correspondence work does not fulfill this requirement.

A maximum of one (1) elective credit will be accepted toward the graduation requirement through successful completion of correspondence work.

The physical education requirement may be waived if there is an annual submission of a doctor's request for such. One year of band, or successful completion of one sport will be allowed as a substitute for one semester of physical education.

BUSINESS MANAGEMENT 1 semester 1 credit 10, 11, 12
 Topics covered in this class will include entrepreneurship, careers in management, ethics & social responsibility, business law, the business cycle, decision-making & communication skills, human resources, and many other topics.

ADVANCED COMPUTERS 1 semester 1 credit 10, 11, 12
 A working knowledge of DOS will be covered as well as Windows environment on the IBM-compatible. Knowledge of computer-related vocabulary will also be emphasized. Advance Word Processing, Database, Spreadsheet, Power Point and Web Page projects will be required. Time will be spent on the Internet. Adherence to computer and technological ethics will be highly stressed.
 Prerequisite: Computer App.

FOREIGN LANGUAGE DEPARTMENT

SPANISH I 1 semester 1 credit 9, 10, 11, 12
 This class serves to lay the groundwork for developing the ability to speak, understand, read, and write the Spanish language and to develop an understanding of and appreciation for the cultures of the Spanish-speaking peoples of the world. Emphasis during the first year is in the areas of speaking, understanding, and learning basic language skills, which lead to reading and writing the language.

SPANISH II 1 semester 1 credit 9, 10, 11, 12
 A second year sequel to Spanish I
 Prerequisite: Successful completion of Spanish I

GERMAN I 1 semester 1 credit 9, 10, 11, 12
 German 1 is an introduction to the German language, people, geography, history and culture. Students will start with simple greetings and conversational German such as school situations, shopping, dining, sports, entertainment activities, holidays and travel. At the end of the semester, students will be familiar with basic grammar and vocabulary and will be comfortable speaking and writing in the German language.

GERMAN II 1 semester 1 credit 9, 10, 11, 12
 German II is a continuation of German I, with more emphasis on speaking, writing and translating. Discussion of German, covering key historical events and basic grammar will be recovered and polished. Students will add words and phrases to their German vocabulary. Activities include advent bulletin boards and map making of German speaking areas.
 Prerequisite: Successful completion of German I.

INDUSTRIAL ARTS AND TECHNOLOGY DEPARTMENT

SENIOR TRANSITIONS 1 semester 1 credit 12
 Senior Transitions is a course designed to aid seniors in concentrating on goal setting and career preparation. This course will focus around the construction of a senior portfolio and presentation that will showcase their skills and abilities in academics, personal management, and teamwork. The multimedia presentation will be viewed and evaluated by their peers, faculty, and community members. This course will offer practical experiences with emphasis on communication, organization, and employability skills.

MECHANICAL-TECHNICAL SYSTEMS 1 semester 1 credit 10, 11, 12
 The Mechanical-Technical Systems curriculum incorporates hands-on and real world application of systems that appeal to technical career oriented students. The subject areas this course includes are: planning a project, measuring and calibration, machinery, small engines, electricity, drainage and irrigation, welding and cutting, and structural maintenance and repair.

MECHANICAL-TECHNICAL SYSTEMS II 1 semester 1 credit 10, 11, 12

LANGUAGE ARTS DEPARTMENT

**EFFECTIVE READING/
 WRITING** 1 semester 1 credit 9

ALGEBRA 1 semester 1 credit 9, 10, 11, 12
This course covers concepts such as algebra properties, solving equations and systems of equations, investigation of quadratic and polynomial problems, and functions. The class uses graphing and problem solving to reinforce many algebraic principles. This course is an excellent start to the study of higher-level math courses.

Prerequisite: Placement or completion of Pre-Algebra

GEOMETRY 1 semester 1 credit 9, 10, 11, 12
The student will learn the basic elements of geometry, gain a basic understanding of induction and deduction, develop the concept of proof in a mathematical system, and apply the construction and locus principles as a means to understanding geometry.

Prerequisite: Algebra (A/B)

ALGEBRA II 1 semester 1 credit 10, 11, 12
This course is designed to help the student understand algebra as structure of the system of real and complex numbers. Students will learn to apply algebraic concepts and skills, comprehend the function concept and its importance in math. Students will develop skills in the use of mathematical operations as they are applied to the area of problem solving.

Prerequisite: Algebra (A/B)

TRIGONOMETRY/PRE-CALCULUS 1 semester 1 credit 11, 12
The student will master the basic functions, identities, and theorems of the unit circle and the use of induction and deduction in solving triangular, quadratic, and graphing problems. The second half introduces the student to the elementary basics of calculus and analytical geometry.

Prerequisite: Algebra (A/B), Geometry and Algebra II

AP CALCULUS 1 semester 1 credit 11, 12
This is a course in single-variable calculus that includes techniques and applications of the derivative, integral, and the Fundamental Theorem of Calculus. It is equivalent to at least a semester of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout the course.

Prerequisite: Students must have a strong background in mathematics, and have taken a Pre-Calculus (or equivalent) course. Students are expected to be proficient at graphing functions on a graphing calculator.

MUSIC DEPARTMENT

GIRLS CHORUS 2 semesters 1 credit 9, 10, 11, 12
This class is open to any female student in grades 9-12 with motivation to sing and perform with a group. Students will study a variety of musical styles; participate in concerts and MSVMA festivals. Basic sight-reading techniques will be learned, as well as musical terminology and performance disciplines. Some time outside of school hours may be required. Attendance at concerts required.

VARSITY CHOIR 2 semesters 1 credit 9, 10, 11, 12
Class will be limited to 20-25 students, with male/female balance determined by the teacher. Student will study advanced singing and sight-reading techniques, and participate in MSVMA Chamber Choir Festival, Solo Ensemble Festival, and Choral Festival, along with other concerts and performance opportunities. Vocal Jazz and Pop Choir repertoire may be explored during the second semester. Some time outside of school hours may be required. Attendance at concerts required.

Prerequisite: Audition with teacher

CONCERT/MARCHING BAND 2 semesters 1 credit 9, 10, 11, 12
High school band performs publicly for a wide variety of activities. Marching band will perform at all home football games, as well as parades, invitational, and district marching festival. Concert band performances include the Christmas concert, district and state band festival, spring concert, commencement, Memorial Day parade, and pep band for home basketball games. Attendance at a summer band camp and evening rehearsals during marching season will be requirements as well as all

scheduled band performances. The course is open to students with at least two years previous musical experience.

MUSIC APPRECIATION 1st semester (only) 1 credit 10, 11, 12

Music Appreciation will focus not only on American Music, but the music of all cultures. This is a comprehensive class, combining elements of music history, music theory, and music analysis. Topics include the music of Africa, American rock-n-roll, and jazz to name a few. Music Appreciation is open to all students.

ROCK AND ROLL HISTORY 2nd semester (only) 1 credit 10, 11, 12

Rock and Roll History tracks rock music from it's origins in the blues all the way through the music of today. This class involves in-depth listening to all different varieties of rock. Students who do not like to contribute to discussions are encouraged not to sign up. Topics include: The Beatles, Prog Rock, Grunge, and others. This class is restricted to grades 11 and 12.

PHYSICAL EDUCATION DEPARTMENT

HEALTHY LIVING 2 semesters 2 credits 9, 10

This course is designed to combine the subjects of physical education and health. It will answer questions about personal fitness, mental health, human sexuality, substance abuse, nutrition and diet, disease prevention, and choosing health care services. In addition, students will develop physical fitness, body control, fundamental motor skills, self-esteem, cognitive concepts, and social skills. Students will be expected to participate fully in both cognitive and physical aspects of the class.

ADVANCED PE 1 semester 1 credit 9, 10, 11, 12

This course is designed to offer the student a full body workout, which consists of an emphasis on weight training, combinations of aerobic and anaerobic activities and sports specific activities. This combination will help the student increase muscular strength, flexibility, agility and level of fitness.

SCIENCE DEPARTMENT

APPLIED BIOLOGICAL SYSTEMS 1 semester 1 credit 9, 10, 11, 12

This course is designed to give students a basic understanding in biology. Students will learn laboratory procedures, cellular biology, basic human anatomy, nutrition, environmental interactions, plant systems, animal systems, food safety and processing, technology and bio-ethical issues. Record keeping, leadership and communication skills will be incorporated throughout.

APPLIED BIOLOGICAL SYSTEMS – AG 1 semester 1 credit 9, 10, 11, 12

Same course as ABS but delivered from an agricultural/natural resources perspective.

PHYSICS 1 semester 1 credit 10, 11, 12

This course is designed to expose students to both Physical Science and Earth Science for one semester each. In Physical Science students will learn basic fundamentals of chemistry and physics including atomic structure, chemical bonding, motion, energy, and problem-solving. In Earth Science students will study the earth and the general dynamics of earth's systems including the solar system, weather and climate, internal processes of earth, and plate tectonics.

ECOLOGY 1 semester 1 credit 9, 10, 11, 12

Students enrolled in this class will learn ecosystem and environmental management. Students will construct an aquatic ecosystem. Major topics will include water quality, forestry, land use management, fisheries management and aquaculture.

ZOOLOGY 1 semesters 1 credit 10, 11, 12

This course is designed for students who have an interest in the animal sciences. Students will learn the principles of animal nutrition, reproduction, physiology, genetics and technology in an applied setting. Live animals used throughout the course will include cattle, sheep, hogs, guinea pigs, goats and poultry. Record keeping and leadership skills will be incorporated into the curriculum.

BOTANY 1 semester 1 credit 10, 11, 12
Students enrolled in this course will learn the fundamentals of plant science; plant growth and development, hydroponics, soil science, plant research, genetics, propagation, and fundamentals of landscaping will be addressed. Botany students will manage the land laboratory and have individual projects. Record keeping skills will be incorporated into the curriculum.

CHEMISTRY 1 semester 1 credit 10, 11, 12
Chemistry is designed for students planning to attend college and possibly interested in the science or medical field. It covers the fundamental principles, laws, and theories of chemistry. This study includes topics in the classification, measurement, and structure of matter. A variety of problem-solving techniques will be studied and mastered. Labs will accompany a variety of the class content in an attempt to interact with chemical theories. This course is administered similarly to that of a college class, the demands are strict but the pace is slower.
Prerequisite: Algebra I.

AP ANATOMY AND PHYSIOLOGY 1 semester 1 credit 11, 12
This course is geared toward preparing the student for Advanced Placement Biology or for those students going into a medical or health field in college. Emphasis is on detailed structure of the human body and how those parts relate to one another. Homeostatic mechanisms will be discussed and related to each system. Dissection of the fetal pig or cat will conclude the learning experience. Outside reading and review are a must for success.
Prerequisite: Applied Biological Systems and Physical/Earth Science or Chemistry.

PHYSICS II 1 semester 1 credit 11, 12
This course will introduce and explore the basic concepts of physics. These concepts include mechanics, fluid properties, electricity, thermal systems, wave theory, and measurement. The topics of nuclear physics and gravitation will also be explored. Class presentations will consist of lectures, mathematical application and laboratory discovery. This course is an excellent choice for college bound students, especially for those interested in the disciplines of science and engineering.
Prerequisite: Algebra and Chemistry.

SOCIAL SCIENCE DEPARTMENT

GLOBAL HISTORY 1 semester 1 credit 9, 10, 11, 12
This course will include the study of human and physical geography of the world's regions. Political systems, cultural history, economics and current events will be incorporated into written and oral reports as well as in class discussions. Sections of the world to be studied include: Latin and South America, Eastern and Western Europe, the Middle East, Africa, and Asia, as well as the former Soviet Union.

US HISTORY 1 semester 1 credit 11, 12
This class covers the events and lives important to the development of the United States beginning with Reconstruction. Units will include: Reconstruction, Western Settlement, the Spanish-American War, World War I and II, Roaring 20's, Great Depression, Korean War, 50's and 60's, Cold War, Vietnam and Modern Middle Eastern conflicts.

GOVERNMENT/ECONOMICS 2 semesters 2 credits 11, 12
This course is designed to combine the subjects of government and economics. It will deal with the operation of government at the federal level. Examining the branches of government from historical and current perspectives, students will investigate the individual's role in politics. The course will also study world and U.S. economic structure. Current periodicals will be used to supplement traditional texts. How economic policy and decisions shape our lives will be a focus.

WORLD HISTORY/LITERATURE 1 semester 1 credit 11, 12
This course uses an interdisciplinary approach to study both the history of major regions of the world and the literature that accompanies it. The students will explore history from a global perspective while having the opportunity to delve deeply into subject matter by reading literature from various authors that

