

## 2012-2013 FRESHMEN

### CLASSES REQUIRED AND COURSE DESCRIPTIONS

<b>Freshman Classes Required</b>	
English I or Language Arts & Literacy Skills	1 credit
English Plus is required elective dependent upon 8 <sup>th</sup> grade teacher recommendation and/or ACT Explore test results.	1 credit
Math -Algebra Ia, Algebra I or ( <b>Algebra II*or Geometry*</b> ) Note: Algebra I or higher required for graduation. Students taking Algebra Ia must also pass Algebra Ib to equal one year of Algebra I but count for two years of math.	1 credit
Math Plus is required for Algebra Ia & Ib. Math Plus is counted as a elective credit.	1 credit
Science (Biology)	1 credit
Keyboarding I or Basic Keyboarding	1/2 credit
Health (Possibly substitutes Physical Education for one semester)	1/2 credit
Driver Education (Must be at least 15 years old the first day of class). <i>Note: May have to take Sophomore year.</i>	1/2 credit
Physical Education <i>Note: When taking Driver Education the student will attend on days where Driver Education class or Behind the Wheel is not meeting.</i>	0 - 1 credit
<b>Sophomore Classes Required</b>	
English II	1 credit
Math (Algebra Ia & Math Plus, Algebra Ib & Math Plus, Algebra I, <b>Algebra II*</b> , or <b>Geometry*</b> ). Note: Math Plus counted as a elective credit.	1- 2 credits
Science (Biology, Physical Science, <b>Chemistry*</b> or BSAA)	1 credit
Civics	1/2 credit
Physical Education (Driver's Education or Health Substitute)	½-1 credits
<b>Junior Classes Required</b>	
English III	1 credit
Resource Management	1/2 credit
American History	1 credit
Math (Algebra Ia & Math Plus, Algebra Ib & Math Plus, Applied Math, Algebra I, <b>Algebra II*</b> , or <b>Geometry*</b> ). Note: Math Plus counted as a elective credit.	1-2 credits
Physical Education	1 credit
<b>Senior Classes Required</b>	
English IV or Rhetoric & Composition and Effective Speaking	1 credit
Psychology & Sociology	1 credit
Physical Education	1 credit

**"New" 25 Credits are Required for Graduation All classes with the asterisk (\*) beside them are weighted/accelerated classes.** This means they are part of the college preparatory curriculum and students will receive weighted grades for these classes. The following are freshmen weighted classes: Algebra II, Accounting I and Geometry.

# **FRESHMEN 2012 – 2013 COURSE DESCRIPTIONS**

## **AGRICULTURE**

### **INTRODUCTION TO THE AGRICULTURE INDUSTRY**

(Two Semesters—grade 9) 1 credit

This orientation course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Pre: N/A

## **ART**

### **BASIC ART**

(One Semester--grades 9-12) 1/2 credit

This course would be a condensed version of all of the following focused courses. Students would be exposed to a wide variety of media but won't have the time to focus on any particular one. Pre: N/A

### **“New” DRAWING I**

(One Semester--grades 9-12) 1/2 credit

The focus of this course is to improve observational drawing skills and to learn perspective techniques. Students are trained in the techniques of a variety of media including pencil, charcoal, pen and ink, scratch board, colored pencil and pastel. Subject matter includes still life, landscape and portraits. A binder is kept to organize instructional materials and drawing exercises. This serves as a visual record of the students' artistic progress. Pre: N/A

### **“New” PAINTING I**

(One Semester--grades 9-12) 1/2 credit

The focus of this course is to develop skill with watercolor and acrylic painting. Students will practice techniques unique to each paint and apply their skills to subject matter including still life, landscape, non-objective, and abstract. Art History will be taught through the study of selected painters and their work. Pre: Drawing I

### **SCULPTURE AND PRINTMAKING**

(One Semester--grades 9-12) 1/2 credit

There are a wide variety of sculptural materials available to an artist other than ceramic clay. Although pottery is one of the most recognizable forms of sculpture, students need to be aware of the other media available to them such as stone, wood, metal and wire. Within this class students will be experiencing a wide variety of tools and techniques, and history all associated with sculpture other than ceramics. Along with basic techniques students will be involved in discovering cultural and historical applications of sculpture and the element of form. Within this class students will also explore the more complex printmaking processes. Pre: N/A

## **GRAPHIC DESIGN**

(One Semester--grades 9-12) 1/2 credit

This course is intended to communicate information and advertising through art. The focus is on studying and using layout/design concepts used in the graphic design field. Through the use of technology, primarily Adobe Photoshop C53, students will create projects related to the graphic design field. Pre: N/A

## **BUSINESS**

### **KEYBOARDING I**

(One Semester--grades 9-12) 1/2 credit

Keyboarding I is a one-semester course planned to develop basic computer keyboarding skills. Major emphasis in the first semester is placed on CORRECT keyboarding techniques, proofreading, and editing. During this course emphasis is also placed on formatting documents. Production of documents that meet business standards is also stressed. Units of instruction in the course include: (1) develop touch system techniques, (2) develop speed and accuracy skills, (3) develop punctuation, syllabication and capitalization skills, (4) proofread and correct errors, (5) perform both vertical and horizontal centering, (6) prepare documents--personal letters, envelopes, and reports. This course will fulfill the keyboarding requirement for graduation and serve as a prerequisite for Computer Application. Pre: N/A

### **BASIC KEYBOARDING**

(One semesters – grades 9-12) 1/2 credit

Basic Keyboarding is a one-semester course designed for students who need to work at a slower pace than the Keyboarding I course permits. This course will develop basic computer keyboarding skills with the major emphasis placed on CORRECT keyboarding techniques, proofreading, and editing. During this course emphasis is also placed on formatting simple business documents including business letters and reports. Placement in this course will be determined by student performance and teacher recommendation. This course will fulfill the keyboarding requirement for graduation and serve as a prerequisite for Computer Applications. Pre: N/A

### **COMPUTER APPLICATIONS I -- BEGINNING MS WORD**

(One semester--grades 9-12) 1/2 credit

This is a beginning level course in designing and creating documents in a Windows based environment. Students will learn to create, print, edit and format documents. Students will apply problem-solving skills to hands-on situations using the Microsoft Office applications exploring topics relating to computer concepts, operating systems, and emerging technologies. The course will develop employability skills as well as an understanding of the ethical considerations of using information processing equipment. Prerequisite: Basic Keyboarding or Keyboarding I.

### **OFFICE ACCOUNTING I**

(Two Semesters--grades 9-12) 1 credit (WEIGHTED)

Office Accounting I is offered to students who have a variety of career objectives: (1) beginning vocational preparation for careers in accounting; (2) accounting knowledge and skill needed for careers in related business fields; (3) a foundation on which to continue studying business

accounting at the collegiate level; and/or (4) an understanding of financial aspects that affects one's everyday life. The students will learn the basic accounting theories--journals, ledgers and various financial statements. Prerequisite: N/A

## **SCHOOL PUBLICATIONS**

(Two Semester – grades 9-12) 1 credit

This course is comprised of students willing to learn the production of school publications. Students will produce the yearbook, newsletter, and event programs. Units of instruction will include training in yearbook layout, publication design, writing news stories, interviewing, and use of photography and digital photography. **Pre: App. form and teacher recommendation**

## **COMMUNICATIONS**

### **ENGLISH I**

(Two Semesters--grade 9) 1 credit

This beginning course of study in English places major emphasis on understanding the basic skills of grammar through a practical application of them. A grammar book is used providing exercises in developing the use of the following items: The parts of speech, basic sentence structure, phrases, clauses, correct use of verbs and pronouns and subject-verb agreement. Short story, drama, poetry, and novel units are studied with stress placed upon understanding the components of these. Expository and creative writing exercises are assigned in conjunction with these units. Along with note-taking and discussion skills, learning to use reference materials is required. Pre: N/A.

### **LANGUAGE ARTS AND LITERACY SKILLS**

(Two Semesters--grade 9) 1 credit

This beginning course of study in English where students receive intensive instruction with emphasis on reading comprehension and writing skills. The goal is assist students acquiring a passing score on the PSAE tests during their junior year. In addition, study skills, note taking, organizational skills, listening skills, and test taking techniques will be learned. This class fulfills the requirements for Freshmen English and will be required to include English Plus Pre: N/A

### **ENGLISH PLUS**

(Two Semesters--grade 9) 1 credit

*English Plus is a computer-driven class to increase skills in both literacy and grammar. Students will be placed in this elective English class based on 8<sup>th</sup> grade teacher recommendation, enrolled in Language Arts and Literacy Skills and/or ACT Explore test results. Pre: N/A*

# **FAMILY AND CONSUMER SCIENCES**

## **CLOTHING AND TEXTILES**

(One Semester--grade 9-12) 1/2 credit

This course is planned to provide students the opportunities to develop knowledge and understanding of textiles, fashions, and fabrics and to assist them in meeting the clothing and fabric (fashion) product needs of themselves, families, and/or general public. The course content centers around developing student competencies in the following duty areas: selecting clothing and textile products using goal-making skills; meeting social, physical, psychological, and economic needs in evaluating, selecting, and caring for clothing and textiles; appraising clothing/textile products which contribute to health, safety, and comfort; maximizing resources in selecting, constructing, altering, repairing, and remodeling clothing/textile products; communicating intended clothing image to others; and approving decisions necessary for clothing and textile needs. Information and experiences providing students with an understanding of the psychological aspects of fabric products as related to the needs of people, and the jobs and careers using competencies related to textiles and fabrics are included throughout the course. Pre: N/A.

## **FOOD AND NUTRITION I**

(One Semester--grade 9-12) 1/2 credit

This course includes basic classroom and laboratory experiences needed to develop knowledge and understanding of basic food principles and applied nutrition for people of all ages. The course content centers around the following duty areas: promoting food service and preparation management using the decision-making process; meeting basic need by applying nutrition concepts; meeting health and safety needs in planning, preparing, and serving food; maximizing resources when planning/preparing/serving food; promoting hospitality in food practices; and analyzing individual and family nutritional needs in relation to change. Information related to career in food and nutrition is incorporated throughout the course. Pre: N/A.

# **FOREIGN LANGUAGE**

## **SPANISH I**

(Two Semesters--grades 9-12) 1 credit

Spanish 1 is a beginning course of study in Spanish and places major emphasis on understanding and vocalizing the vocalizing the basic vocabulary and grammar through practical application and role-playing. This course is a comprehensive study of the Spanish language including translation, writing, reading, grammar, listening, and oral communication. This course is a multi-media presentation of the Spanish language and encourages creativity throughout the varying presentations. Pre: N/A

# **HEALTH**

## **HEALTH**

(One Semester--grade 9) 1/2 credit

One semester course with emphasis on self-responsibility in the wellness approach to health including life-style, decision-making skills, nutrition, exercise and fitness, mental health and mental illness, substance use and abuse and AIDS education. Prerequisite: N/A

## **DRIVER'S TRAINING**

(One Semester--grade 9 – 12) 1/2 credit

Driver's Education is divided into two sections. The first section is the classroom, which consists of covering two types of textbooks and guest speakers. One, "Rules of the Road," explains signs and traffic laws. The second text, "Responsible Driving," covers more details of Driver's Education. The second section is the actual driving. Here the students drive under supervision, in town, and on the highway. They get to put what they have learned in the classroom to practice on the road. They must drive at least 6 hours to complete the course. After they have completed the course, they may apply for their driver's license after completing 50 hours BTW outside of class with 10 hours being at night, 9 months driving on their permit and being at least 16 years old. Prerequisite: Passing eight (8) classes in the previous two semesters and the first day of class be at least 15 years old.

## **MATHEMATICS**

### **ALGEBRA I**

(Two Semesters--grades 9-12) 1 credit

This course covers both the structure of algebra and the development of computational problem-solving skills. Structure and properties of real numbers are reviewed and extended. Equations, inequalities, polynomials, and functions are thoroughly treated. The course also includes quadratic equations and provides a simple introduction to statistics, probability, trigonometry, and factors. Pre: NA.

### **ALGEBRA II**

(Two Semesters--grades 10-12) 1 credit (WEIGHTED)

The course stresses both the structure of algebra and the development of computational problem-solving skills. Equations, inequalities, polynomials, and functions are thoroughly treated. The course also includes an introduction to probability and matrices. Prerequisite: Algebra I, Algebra Ia & Ib or special permission.

### **GEOMETRY**

(Two Semesters--grades 10-12) 1 credit WEIGHTED

Included in the course is a standard list of geometric theorems with emphasis paid to geometric proofs and constructions. Also covered in this course will be both inductive and deductive reasoning. Other topics to be covered are points, lines, planes, angles, locus, triangles, polygons, and circles. Special emphasis will be given to coordinate geometry and the calculation of areas for plane figures, volumes, and solids. Prerequisite: Algebra I or Algebra Ia & Ib

### **ALGEBRA Ia**

(Two Semesters—grades 9-11) 1 credit

This course covers both the structure of algebra and the development of computational problem-solving skills. Structure and properties of real numbers are reviewed and extended. Equations, inequalities, polynomials, and functions are thoroughly treated. The course also includes quadratic equations and provides a simple introduction to statistics, probability, trigonometry, and factors. This class is at a slower pace to help students understand math concepts. Pre: NA; Algebra Ia plus Algebra Ib together meet the graduation requirement of Algebra I. Must take Math Plus.

## **MATH PLUS**

(Two Semesters—grades 9-10) 1 credit

*This course provides the opportunity for students to work at an individual pace at a level that will best meet their needs. The students will be using ALEKS which is a web-based artificially intelligent assessment and learning system. The ALEKS system helps to improve overall math skills by assessing students to determine what the student knows and then instructs the student on the topics they are most ready to learn. Students will be placed in this course during their freshman and sophomore years based on teacher recommendations as well as the Explore and Plan test scores given at the end of the 8<sup>th</sup> and 9<sup>th</sup> grades.*

## **MUSIC**

### **INTRODUCTION TO MUSIC AND APPLICATIONS**

(One semester-grades 9-12) 1 Credit

Come learn the language of music (rhythm, melody, and harmony) through the use of rhythm instruments, recorders, and an introduction to the keyboard. You will be introduced to some of the music makers of the last 1000 years and how modern music has evolved. A great way to learn the basics of music! The second semester would be applications of the theory learned in the first semester by the use of recorder and keyboarding. Prerequisite: N/A

### **MUSIC APPRECIATION**

(One semester-grades 9-12) 1/2 Credit

This course will cover the musical time period from 1600 to present day, including composers and artists associated with each era. It will also cover basic music theory (recognizing and reading music symbols and notation), a detailed study of the orchestra and its instrument families, as well as a study of famous musicals and the songs and characters associated with each.

## **PHYSICAL EDUCATION**

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(One Semester - grades 9-12) 1/2 credit

1. Philosophy. Throughout the history of education, it has been an accepted principle that the development of a healthy body is an integral part of the total educational program. Woodlawn High School adheres to this principle. It is the philosophy of this high school that every student will be "physically educated to the best of his/her ability".
2. Objectives. The major objective of the physical education program is the development and maintenance of:
  - a. Physical fitness and motor skills - Students will be expected to develop a level of fitness and motor skill with the limits being only the individual student's ability.
  - b. Social Efficiency - Simply stated, this is the ability to get along with others and exhibit desirable standards of conduct.
  - c. Recreational Competency - Recreational skills should be mastered early on so that the individual can participate in and learn to enjoy the various activities well enough to carry them on throughout a lifetime.
  - d. Intellectual Competency -To insure continued participation in physical activities, the student will be expected to acquire an adequate knowledge of the rules and strategies that apply to the various activities.

# **SCIENCE**

## **BIOLOGY**

(Two Semesters--grades 9-12) 1 credit

This is a full year survey course of the five kingdoms of living organisms. Special emphasis is given to ecology, genetics, and evolution. Cellular biology and microorganisms will also be included. Some laboratory exercises will also be part of the course of study. Prerequisite: N/A.

## **SOCIAL STUDIES**

### **WORLD HISTORY**

(Two Semesters--grades 9-12) 1 credit

A two-semester class which is divided into four main areas of study. Those areas of study are designed to give students an overall, generalized view of the world's events. They are divided as follows: Greek and Roman Times, Renaissance Age, Industrial Age and Modern Times.

After studying these four major areas, students should be able to identify and interpret significant trends, movements, persons and their contributions to the course of the world's history. Short research projects, map work, role-playing, and discussion groups will be added to the regular textbook assignments. (accelerated) Prerequisite: N/A

### **“New” HISTORY OF THE FORGOTTEN PEOPLES**

(One semester-grades 9-12) 1/2 credit

History of the Forgotten Peoples will focus on those groups that have been marginalized in the traditional textbooks of US history. This class will follow the important contributions of groups of people such as Native Americans, women, African Americans, immigrants, and Hispanic Americans. This class will seek to place these groups in their proper place in US history. Prerequisite: N/A

### **“New” MODERN US HISTORY (POST-WWII)**

(One semester-grades 9-12) 1/2 credit

Modern US history will focus solely on American history after the end of World War II. Topics include issues such as the Cold War, the Space Race, the rise of feminism in the 1970's, extensive coverage of the 9/11 attacks and the aftermath (i.e. the Patriot Act), popular culture from the time period including music, movies, sports, and fashion, the explosion of communication forms such as the Internet. Prerequisite: N/A

### **“New” HISTORY OF SPORTS**

(One semester-grades 9-12) 1/2 credit

Focus on the origins of athletic competition from the early Greek Olympics to modern team sports and their evolutions. Prerequisite: N/A

### **“New” HISTORY OF TERRORISM**

(One semester – grades 9-12) 1/2 credit

History of terrorism will seek to define the term terrorism and allow students to understand that terrorism and terror tactics are more diverse than the typical term we think of today. Specific

examples through history that will be studied are the Spanish Inquisition, the Ku Klux Klan, the Tamil Tigers of Sri Lanka, the Palestinian Liberation Organization, individual acts of terror such as Timothy McVeigh and Ted Kaczynski, as well as an in depth look at contemporary terror groups like Al-Qaeda. A special emphasis will be placed on the ideology of tactics of each group. Prerequisite: N/A