# LIMESTONE COMMUNITY HIGH SCHOOL FRESHMAN COURSE DESCRIPTIONS 

For School Year 2016-2017

BUSINESS

## Orientation to Business

## Elective

1 Credit/One Year
Orientation to Business is a basic introductory business course, is strongly recommended for all students. Its main purpose is to provide students with the information they need to be able to make wise economic decisions in everyday life. The following units will be covered: banking, basic economics, budgeting, business ownership, checking, credit, consumer roles, insurance, savings, taxes, career planning and exploration. The material is essential in helping all students function as intelligent consumers in today's economic society. Students who might be interested in business careers will get a better understanding of what business is and how it works. Students will be involved in completing practical simulations relating to the above topics. During the last nine weeks of the second semester students will each manage their own business in a simulated community. A practice fee is assessed. This course satisfies the Consumer Education requirement.

## Orientation to Technology Required ½ Credit/One Semester

Orientation to Technology, required of all freshmen, unless student passes the proficiency exam, then Software Applications is required, will introduce students to the touch method of keyboarding. Students will become familiar with the computer, learn the alphabetic and numeric sections of the keyboard, and build basic keyboarding skills. The course will also focus on the Windows environment and the use of current software to prepare typical kinds of documents. This class will give students a knowledge base for using the Internet, PowerPoint as well as Limestone's computer network.

## Software Applications

## Elective

Prerequisites: Orientation to Technology
Software Applications is an orientation-level course designed to develop awareness and understanding of application software and equipment used by employees to perform tasks in business, marketing, and management. Students will apply problemsolving skills to hands-on, real-life situations using a variety of software applications, such as word processing, spreadsheets, database management, presentation software, and desktop publishing. The development of employability skills, as well as transition skills, will be included in the course as well as an understanding of the ethical considerations that arise in using information processing equipment and gaining access to available databases.

## ENGLISH

English I Required 1 Credit/One Year

English I builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercise often linked to reading selections.

## FAMILY AND CONSUMER SCIENCE

## Orientation to Family/Consumer Science Elective <br> 1 Credit/One Year

Orientation to Family and Consumer Science introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. The course includes theory and laboratory experiences in the following content areas: Nutrition and culinary arts; textiles and design; family, career, and community leadership development; resource management; human development and life-long learning; facility design, care, and management; and interpersonal relationships and life management skills.

## FINE ARTS

## Introduction to Art

## Elective

## 1 Credit/One Year

Introduction to Art is designed to present to the student the fundamentals of art, basic skills and techniques, and the appreciation of art's cultural contributions. This is a self-contained course that offers students an understanding of art, as well as laying a foundation for further study in advanced courses through the working development of the elements and principles of art. Units include: drawing, painting, and composition in both two-dimensional and three-dimensional forms.

Prerequisites: Audition or teacher recommendation.
Jazz Band rehearses daily throughout the year in addition to several concerts, contests, and community performances. Although some pop and dance tunes are played, emphasis is placed on learning to play in the jazz idiom. Listening skills and improvisation are also emphasized. Additional rehearsals outside of the school day may be required.

## Marching Band

## Elective

## 1/2 Credit/One Semester

Prerequisites: Audition or teacher recommendation. Meets the Physical Development requirement
Marching Band performs throughout the football season. Attendance at band camps in July and August, and weekly evening rehearsals during the school year are a required part of this course. This group performs at all home football games, local marching competitions, State of Illinois Championships, and Bands of America Grand National Championships. Students interested in this class should contact the LCHS band director or their elementary school band director. This class may be repeated for credit.

## Marching Band: Color Guard <br> Elective <br> $1 ⁄ 2$ Credit/One Semester

Prerequisites: Selection by audition previous spring. Meets the Physical Development requirement.
Color Guard is a semester course in which students learn the techniques involved in expressive dance, flag, gun, and sword techniques, as they relate to the State Goals for Learning in Fine Arts. The course will prepare students for color guard performances with the marching band during the fall semester. All styles of legitimate dance will be taught, in addition to traditional color guard techniques. Attendance at weeklong band camps in June and August, and weekly evening rehearsals are a required part of this course. Participation is permitted by audition or teacher recommendation only.

## Marching Band: Percussion

## Elective

½ Credit/One Semester
Prerequisites: Audition or teacher recommendation. Second semester course.
Marching Band: Percussion performs throughout the football season. Attendance at band camps in July and August, and weekly evening rehearsals during the school year are a required part of this course. This group performs at all home football games, local marching competitions, State of Illinois Championships, and Bands of America Grand National Championships. Students interested in this class should contact the LCHS band director or their elementary school band director. This class may be repeated for credit.

## Marching Band: Winter Guard

## Elective

$1 / 2$ Credit/One Semester
Prerequisites: Selection by audition previous spring. Meets the Physical Development requirement.
Winter Guard is a semester course in which students learn the techniques involved in expressive dance, flag, gun, and sword techniques, as they relate to the State Goals for Learning in Fine Arts. The course will prepare students for color guard performances with the marching band during the fall semester. All styles of legitimate dance will be taught, in addition to traditional color guard techniques. Attendance at weeklong band camps in June and August, and weekly evening rehearsals are a required part of this course. Participation is permitted by audition or teacher recommendation only.

## Music Appreciation

## Elective

## $1 / 2$ Credit/One Semester

Music Appreciation is an overview of Western music focusing mainly on Ancient, Medieval, Renaissance, Baroque, Classical, Romantic, and $20^{\text {th }}$-century genres. The course also includes some multicultural, jazz, and current popular music as time allows. This is a non-performance class open to all students.

Soprano and Alto Chorus
Elective

## 1 Credit/One Year

Soprano and Alto Chorus is the first step for girls interested in the high school's music program. Emphasis is placed on learning to sing with a good tonal quality and trying to establish a good sense of pitch. The basic fundamentals of theory are studied. Upon completion of the course, girls are encouraged to continue in Treble Choir, Concert Choir, and/or Chamber Singers, the next step in the choral program. Performances outside of school time are a requirement of this course.

## Symphonic Band I

## Elective

½ Credit/One Semester
Prerequisites: Audition may be required.
Symphonic Band I is an alternative to marching band. This class is open to all experienced students without audition. As a preparatory group, attention is given to transitional, high school level literature, which will prepare the musicians for entry into the premier groups. The Symphonic Band will perform at home basketball games in conjunction with members of other ensembles as a pep band and prepare for winter and spring concerts. This class may be repeated for credit.

## Symphonic Band II

## Elective

½ Credit/One Semester
Prerequisites: Audition may be required.
Symphonic Band II is the large ensemble at Limestone comprised of students from first semester Symphonic Band and those from Marching Band who are not in the Wind Ensemble. This ensemble will prepare high school level selections for winter and spring concerts, and occasional festivals that will build skills necessary for participation in the Wind Ensemble and Marching Band classes. This class may be repeated for credit.

## 1 Credit/One Year

Tenor and Bass Chorus is the first step for boys interested in the high school's music program. This chorus is an elective course. Emphasis is placed on learning to sing with a good tonal quality and trying to establish a good sense of pitch. The basic fundamentals of theory are studied. Upon completion of the course, boys are encouraged to continue by auditioning for Concert Choir, and/or Chamber Singers, the next step in the choral program. Performances outside of school time are a requirement of this course.

Wind Ensemble<br>Elective<br>$1 / 2$ Credit/One Semester<br>Prerequisites: Audition<br>Wind Ensemble is the top concert ensemble designed to challenge the advanced musician by performing upper-level music along with learning more advanced musical concepts. The group performs at local concerts as well as at Illinois High School Association contests. Placement within the wind ensemble is at the discretion of the director.

## FOREIGN LANGUAGE

## French I

## Elective

## 1 Credit/One Year

French I introduces students to French language and culture, French I emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. French culture is introduced through the art, literature, customs, and history of the French-speaking people.

## Spanish I

Elective
1 Credit/One Year
Spanish I is designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

## INDUSTRIAL TECHNOLOGY

## Industrial Technology: Communication Elective $1 / 2$ Credit/One Semester

Industrial Technology: Communication is a course designed to foster awareness and understanding of the technologies used to communicate in our modern society. Students gain experience in the areas of design and drafting, radio and television broadcasting, computers in communication, photography, graphic arts, and telecommunications.

## Industrial Technology: Production Elective $1 / 2$ Credit/One Semester

Industrial Technology: Production is a course designed to foster an awareness and understanding of manufacturing and construction technology. Through a variety of learning activities, students are exposed to many career opportunities in the production field. Experiences in manufacturing include product design, materials and processes, tools and equipment including computers, safety procedures, corporate structure, management, research and development, production planning, mass production, marketing and servicing. In construction, students are exposed to site preparation, foundations, building structures, installing utilities, and finishing and servicing structures.

## Industrial Technology: Transportation Elective

## ½ Credit/One Semester

Industrial Technology: Transportation is a course designed to foster an awareness and understanding of the various transportation customs that make up our mobile society. Through laboratory activities, students are exposed to the technologies of and career opportunities involved in material handling, atmospheric and space transportation, marine transportation, terrestrial transportation, and computer uses in transportation technology.

## MATH

Algebra I
Required
1 Credit/One Year
Algebra I includes the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

## AFJROTC 100 <br> Elective (meets PE requirement) <br> 1 Credit/One Year

Air Force Junior Reserve Officer Training Corps I is the beginning level of the Air Force Junior Reserve Officer Training Corps. The first year of AFJROTC is a study in Aviation History; citizenship, character and Air Force Tradition. The Aviation History unit looks at the origins and development of flight. The unit continues in the importance of air power and its emphasis during World War I through the Vietnam War. Lastly the role that air power has played in humanitarian relief efforts throughout the world and the results of those operations are studied. The Leadership unit is designed to give the basic principles of the Air Force organizational structure; proper wear of the Air Force uniform; customs and courtesies from both a civilian and military perspective. The unit looks at a healthy life style, foundations of citizenship, and government.

## Driver Education

## Required (depending on date of birth) $\quad 1 / 4$ Credit/Nine Weeks

Prerequisites: Must be enrolled at Limestone Community High School and received a passing grade in at least eight courses during the previous two semesters prior to enrolling in the Driver Education classroom portion of the course. If a student is a freshman, passing grades from the last semester of the student's eighth grade school year may be counted.
Driver Education provides learning experiences to help a student to use motor vehicles safely and efficiently. It is hoped to instill in each potential driver an attitude of personal responsibility for his/her actions behind-the-wheel. Topics in the course include legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs).

## Health

## Required

½ Credit/One Semester
Health Education is a program to aid students to achieve their fullest potential necessary to attain high levels of health throughout their lives. The goal of health class is to develop the inter-relationships of physical, mental, emotional and social health in order to achieve a state of complete wellbeing. Learners will establish a solid foundation for maintaining healthy, active, and productive lives. Learners will communicate and work in ways that promote and maintain dignity and respect for themselves and others. Through mastery of knowledge, skills and behaviors essential to healthy living, learners will accept responsibility and consequences for personal decisions and behaviors.

## Physical Development Required $1 / 2$ Credit/One Semester

Physical Development provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities, weight training, aerobic conditioning, mass calisthenics, and fitness testing.

## SCIENCE

Biology (L)
Required
1 Credit/One Year
Biology (L) satisfies one-year of the science requirement for graduation through the study of living things (past, present,
future). It also serves as one path toward the elective science classes. This course surveys text units on cells, themes, kingdoms, ecology, evolution, and heredity. Laboratory work will include use of microscopes and dissection. (L) = Lab

## SOCIAL SCIENCE

******During either the freshman or sophomore year, a student must take one of the Social Science courses listed below as a requirement. The other Social Science courses may then be taken as electives.*

## Introduction to Social Science

$1 / 2$ Credit/One Semester
Introduction to Social Science is a basic level class intended to introduce the students to the many areas of social studies. The major areas to be covered will include history, geography, political science, and economics. An overview of material from each of these areas and others will be presented and discussed. Throughout the course, critical thinking and study skills will be reviewed and reinforced, especially in the areas of proper note taking and time management skills. Major global issues and current events will be emphasized in presenting course material.

## World History I: Prehistoric to A.D. 1500

## ½ Credit/One Semester

World History I is a study of ancient and medieval history. It is a survey course that studies the origin of civilizations including the Prehistoric Period, Egypt, Greece, Rome, and continues through the Medieval Period of Europe. Special emphasis is placed on studying the development of Western Civilization. The geographic emphasis of the course is the development of Africa, the Middle East and Europe. World History 1 (E) will involve the students in the development of research skills and techniques, essay writing, the use of primary sources, and independent study of selected topics. Major global issues and current events in the news will also be presented and discussed. Fulfills Intro to Social Science requirement; recommended for the college bound student.

World History II is a study of world history from the Renaissance and Reformation to the end of World War II. The course begins with a brief review of major historical events up to the mid $-16^{\text {th }}$ century, and then continues as a survey course throughout the $17^{\text {th }}$ through $20^{\text {th }}$ centuries. Emphasis is placed on the development of Western Europe and the Middle East throughout this time period. The course concludes with an in-depth study of the emergence of the United States as a world power in the first half of the $20^{\text {th }}$ century as a result of World War I and World War II. Major global issues and current events will also be presented and discussed. This course will involve the students in the development of research skills and techniques, essay writing, the use of primary sources, and independent study of selected topics. Fulfills Intro to Social Science requirement; recommended for the college-bound student.

## World History III: 1945 - Present

## ½ Credit/One Semester

World History III is a study of America and the World since World War II. The course begins with a study of postwar problems in Europe, America, and Asia. The course continues as a survey course through the latter half of the $20^{\text {th }}$ Century. Some of the major areas of study are the Cold War, Korean War, Civil Rights Movement, Vietnam War, Middle East Conflict, and major global issues confronting America and the World during this time period. Current issues in the news are also discussed. Fulfills Intro to Social Science requirement; recommended for the college-bound student.

## MISCELLANEOUS

## Foundation Math

Required Elective*

## 1 Credit/One Year

Meets requirement for one year of electives (not for mathematics credit)
*Required elective course for students falling below the predetermined MAP Math RIT score
Foundation Math builds, reinforces, and expands students' foundational math skills. This course extends these skills to include some pre-algebra and algebra topics, number sense, measurement, basic geometry, and basic statistics.

## Media Methods: Yearbook

Elective
1 Credit/One Year
Prerequisites: Permission from Instructor
Media Methods: Yearbook provides students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication.

## Introduction to Engineering Design <br> Elective <br> 1 Credit/One Year

Prerequisites: Permission from Instructor (students must meet certain MAP score criteria to enroll)
Introduction to Engineering Design (PLTW) teaches problem-solving skills using a design development process. Models of product solutions are created analyzed and communicated using solid modeling computer design software.

## Reading Strategies <br> Required Elective* <br> 1 Credit/One Year

Meets requirement for one year of electives (not for English credit)
*Required elective course for students falling below the predetermined MAP Reading RIT score
Reading Strategies is intended to improve a student's vocabulary, critical-thinking and analysis skills, or reading rate and comprehension level. This course will build reading skills in word meaning, understanding text, analyzing text, and evaluating text. Although these courses typically emphasize works of fiction, they may also include works of nonfiction (including textbooks). Strategic Reading courses often have a time-management focus, offering strategies for note-taking or for understanding and evaluating the important points of a text.

