

Freshman Elective Course Descriptions

INTRODUCTION TO BUSINESS AND MARKETING

An introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee State Standards in Mathematics, and Tennessee Economics standards. Credit: 1 - Grade Level 9 – 10 - Pre-requisite(s) None

COMPUTER APPLICATIONS

A foundational course intended to teach students the computing fundamentals and concepts involved in the use of common software applications. Upon completion of this course, students will gain basic proficiency in word processing, spreadsheets, databases, and presentations. In addition, students will have engaged in key critical thinking skills and will have practiced ethical and appropriate behavior required for the responsible use of technology. Standards in this course are aligned with Tennessee State Standards for Literacy in Technical Subjects and Tennessee State Standards in Mathematics. Credit: 1 - Grade Level 8 – 12 – Pre-requisite(s) None

VISUAL ART 1

A one-unit survey course designed for students in grades 9-12 who are enrolling in a high school art course for the first time. Provides a variety of experiences that build on the concepts, techniques, and use of media introduced in the middle school program. Generally laboratory in nature, Art I explores and gives experience in two-dimensional (drawing, painting, printmaking) and three-dimensional (sculpture, ceramics, textiles) formats and integrates art history, design principles, and aesthetic criticism and response. This course is a prerequisite for all other advanced art coursework.

GENERAL MUSIC

General Music is an introduction to music through an aural study of compositions by major composers of each historical period. Emphasis is on exploring the variety of styles of each period and the development of basic listening skills. Styles and historical periods are from Renaissance to the 20th century including theatre, country, and pop music. There are no prerequisites for students in grades 9-12 to enroll. Class participation, maintaining a journal and completion of all assignments is required. *Maximum credit: one unit.*

VOCAL MUSIC 1

Vocal Music I is for beginning choral students who wish to study and perform a wide variety of sacred and secular choral literature of easy to medium difficulty in a variety of styles. Emphasis is placed on vocal production and basic choral techniques, intonation, phrasing, sight-reading and ear training, general musicianship skills, understanding and attitudes and the responsibility of individuals to the group. There are no prerequisites, although some basic minimum requirements may be recommended by the teacher. Performances and after-school rehearsals are required. *Can be taken for multiple credits.*

MUSICAL THEATER

This course offers students the opportunity to study and perform in this genre. This is a production-based course designed to provide students with opportunities to participate in the varied aspects of a musical theatre production. The course combines practical vocal training including diction and tone quality as well as the development of students as actors by instilling work ethic, time management and the importance of teamwork. Students will study the evolution of musical theatre and develop an appreciation for this uniquely American art form. (Elective credit)

DEVELOPMENT OF ROCK & ROLL

Development of Rock & Roll is designed as a survey of rock and roll music, from its very roots to the music today. Students will develop knowledge and understanding of the musical elements of rock and roll and the major artists within each period. Students will identify the different styles that make up each period and study the social and cultural connections in the creation of rock and roll. Class participation, attendance, maintaining a journal, and completion of all assignments is required. *Maximum credit: one unit.*

ENSEMBLE

Consists of students with previous choral experience selected by audition. The nature of the group may vary according to the discretion of the director and the needs of the school music program. Examples are: Chamber Choir, Madrigal Singers, Pop Ensemble, and Show Choir. Emphasis is placed on an advanced degree of musicianship, increased harmonic and rhythmic reading skills, and increased performance skills. Opportunities are provided for performance in school and community. Performances and after-school rehearsals are required. Choreography and/or costumes may be required by the teacher for some ensembles. This is an auditioned group. Can be taken for multiple credits.

ORCHESTRA

Provides students with the opportunity of continuing the study and performance of music emphasizing styles from several historical periods. The course focuses on the study of the elements of music and the development of performance skills for individuals and ensembles. Individual practice, after-school practice and rehearsal sessions, and performances are required. Performance opportunities include string orchestra, full orchestra, invitational and audition clinics, festivals, and contests. (Prerequisites: Previous experience and teacher approval) Can be taken for multiple credits.

BEGINNING BAND

Beginning Band is designed to give students the opportunity to learn to play a musical instrument from one of the following instrument families: Brass, Woodwind or Percussion. The students will be exposed to all instruments from each family and through teacher guidance will be allowed to learn the instrument of their choice or the instrument for which the student is best suited. Students will learn the basic elements of music as well as the proper way to play their musical instrument. (Prerequisite: Teacher recommendation)

MARCHING BAND

Provides students with the opportunity of continuing the study and performance of music emphasizing traditional band literature and selected orchestral transcriptions. The course focuses on the study of the elements of music and the development of individual and group performance skills. Individual practice, after-school practice and rehearsal sessions, and performances are required. Performance opportunities include marching band, concert band, invitational and audition clinics, festivals, and contests. (Prerequisites: Previous experience and teacher approval; Instructor's signature) Can be taken for multiple credits.

BAND: CONCERT, SYMPHONIC, OR WIND ENSEMBLE

The Concert Band, Symphonic Band, and Wind Ensemble are musical groups concentrating their skills on musical performances for advanced woodwinds, brass, and percussion performance. These bands play a variety of styles and types of music selected from the standard high school band repertoire. The goal of these courses is to develop proficiency on a chosen instrument through rehearsals, lessons and various performances. These bands will have several performance opportunities throughout the semester. Through these classes the students will improve instrumental skills, elevate performance skills as well as develop an understanding of the performance process. All National Music Standards are addressed and the highest expectations of musicianship and behavior are expected. Rehearsals and performances during the school day, before and after the regular school day, as well as on non-school days, may be required. (Prerequisite: Previous study of a band instrument and Music Instructor's signature) Can be taken for multiple credits.

INSTRUMENTAL ENSEMBLE

Provides students with the opportunity of continuing the study and performance of music literature relative to a specific ensemble, such as Jazz, Percussion, Brass, or Woodwind. The course focuses on advanced individual and group performance skills relative to the selected medium. Individual practice, after-school practice and rehearsal sessions, and performances are required. (Prerequisite: Teacher approval.) Can be taken for multiple credits.

HEALTH SCIENCE EDUCATION

An introductory course designed to prepare students to pursue careers in the fields of biotechnology research, therapeutics, health informatics, diagnostics, and support services. Upon completion of this course, a proficient student will be able to identify careers in these fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. This course will serve as a strong foundation for all of the Health Science programs of study. Standards in this course are aligned with Tennessee State Standards in English Language Arts & Literacy in Technical Subjects. Credit: 1 - Grade Level 9 - Prerequisite(s) none **Health Science Education is the Level 1 Course for all programs of study within the Health Science Career Cluster.

MYTHOLOGY

Mighty heroes. Angry gods and goddesses. Cunning animals. Mythology and folklore have been used since the first people gathered around the fire as a way to make sense of humankind and our world. This course focuses on the many myths and legends woven into cultures around the world. Starting with an overview of mythology and the many kinds of folklore, the student will journey with ancient heroes as they slay dragons and outwit the gods, follow fearless warrior women into battle and watch as clever animals outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how they are still used to shape society today.

SPEECH AND COMMUNICATIONS

Students will explore a variety of speaking situations (informative, small group, persuasive, and special event speaking) and different types of communication (interpersonal, small group, and public communication) using a variety of digital media (text, audio, and visual) through formal and informal settings. The student will develop the skills to generate ideas, research topics, organize information, and create and evaluate oral presentations. (Elective credit)

TENNESSEE HISTORY

Students will examine the history of Tennessee, including the cultural, geographic, economic, and political influences upon that history. Students will discuss Tennessee's indigenous peoples as well as the arrival of Euro-American settlers. Students will analyze and describe the foundation of the state of Tennessee. Students will identify and explain the origins, impact, and aftermath of the Civil War. Students will discuss the rise of a manufacturing economy. Finally, students will examine and discuss the Civil Rights Movement and Tennessee's modern economy and society.

BIBLE HISTORY

This course is a survey of the Bible with emphasis upon its historical, literary, geographical, artistic, and cultural aspects. This course offers insights into the many historical events recorded in the Bible. It treats the Bible as a great literary work in itself as well as a primary source of allusions found in countless works of literature, art, and music. The first half focuses primarily on the Old Testament and the second half on the New Testament.

MYSTERY AND SUSPENSE LITERATURE

In Genre Literature, students will be given the opportunity to develop deeper thematic critical reading skills through additional reading experiences of two or more literary genres. Students will explore the thematic elements and various styles and plot elements of various literary genres, including Ancient Literature, Appalachian and Southern Literature, Modern Literature, Mystery and Suspense Literature, Mythology, Science Fiction and Shakespeare

SCIENCE FICTION

This course is designed to increase students' knowledge of the literary genre known as Science Fiction. Emphasis will be on the study of literature--novels and short fiction--that depicts our future world, visionary scientific endeavor, and conflicts between humans, aliens, and sentient technology. Students will study the history, exciting contemporary trends, and the relevant contemporary issues in Science Fiction.

LIFETIME WELLNESS

*****Lifetime Wellness is required for graduation, during a student's 9th grade year.** A one-unit course required for graduation for students in grade 9. The goal of Lifetime Wellness is for students to learn a lifelong process of positive lifestyle management that seeks to integrate the emotional, social, intellectual, and physical dimensions of self for a longer, more productive and higher quality of life. The course consists of the following state standards: Disease Prevention and Control; Mental Health; Nutrition; Physical Fitness and Related Skills; Safety and First Aid; Sexuality and Family Life; and Substance Use/Abuse.

AVID - ADVANCEMENT VIA INDIVIDUAL DETERMINATION

AVID is a multi-year course to assist students in developing the skills that will enable them to be successful in college. Such skills include the following: Note taking, Study skills, Test taking, Time management, ACT preparation, and Research skills.

AIR FORCE JROTC

Air Force Junior Reserve Officer Training Corps (AFJROTC) is a program designed to develop citizens of character dedicated to serving their nation and community. Each AFJROTC class contains three components: aerospace science, leadership education, and a wellness program. Aerospace Science courses develop a sense of service, while focusing on science and technology. Leadership education courses emphasize citizenship and character education. Wellness is an official and integral part of the Air Force Junior ROTC program. It motivates cadets to pursue healthy, active lifestyles throughout their adult lives. Each semester of study contains an aerospace science, leadership and wellness component in a 40/40/20% ratio respectively. •2 credits of JROTC = ½ credit of Physical Education 1 credit Lifetime Wellness

BYINGTON COURSES

* CLASSES AT BYINGTON HAVE LIMITED SEATING FOR KHS STUDENTS. ONLY 6 SEATS PER CLASS ARE OFFERED FOR THE ENTIRE SCHOOL. Rising freshman students can only select a Byington Solway course as an alternate elective choice.

Principles of Manufacturing (NIC):

Principles of Manufacturing is the Level 1 Course for all programs of study within the Advanced Manufacturing Career Cluster. (Other courses available in the Advanced Manufacturing cluster follow this description.) Designed to provide students with exposure to various occupations and pathways in the Advanced Manufacturing career cluster, such as Machining Technology, Electromechanical Technology, Mechatronics, and Welding. In order to gain a holistic view of the advanced manufacturing industry, students will complete all core standards, as well as standards in two focus areas. Throughout the course, students will develop an understanding of the general steps involved in the manufacturing process and master the essential skills to be an effective team member in a manufacturing production setting. Course content covers basic quality principles and processes, blueprints and schematics, and systems. Upon completion of this course, proficient students will advance from this course with a nuanced understanding of how manufacturing combines design and engineering, materials science, process technology, and quality. Upon completion of the Principles of Manufacturing course, students will be prepared to make an informed decision regarding which Advanced Manufacturing program of study to pursue. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee State Standards in Mathematics. Prerequisite(s)/corequisites: Algebra I and Physical Science strongly recommended

Agriscience (NIC):

Agriscience is the Level 1 Course for all programs of study within the Agriculture, Food, & Natural Resources Career Cluster. (Other courses available in the Advanced Manufacturing cluster follow this description.) This is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology plays in the twenty-first century. In addition, it serves as the first course for all programs of study in the Agriculture, Food, & Natural Resources cluster. Upon completion of this course, proficient students will be prepared for success in more advanced agriculture and science coursework. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee State Standards in Mathematics, and Tennessee state standards in Anatomy and Physiology, Biology I, Biology II, Chemistry I, Chemistry II, Environmental Science, Physical Science, Physics, and Physical World Concepts, as well as the National Agriculture, Food, & Natural Resources Career Cluster Content Standards. This course counts as a lab science credit toward graduation requirements.

Fundamentals of Construction (NIC):

Fundamentals of Construction is the Level 1 Course for all programs of study within the Architecture & Construction Career Cluster. (Other courses available in the Architecture & Construction cluster follow this description.) This course is a foundational course in the Architecture & Construction cluster covering essential knowledge, skills, and concepts required for careers in construction. Upon completion of this course, proficient students will be able to describe various construction fields and outline the steps necessary to advance in specific construction careers. Students will be able to employ tools safely and interpret construction drawings to complete projects demonstrating proper measurement and application of mathematical concepts. Standards in this course also include an overview of the construction industry and an introduction to building systems and materials. Students will begin compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in their selected program of study.

Audio/Visual Production I:

A/V Production I is a foundational course in the Arts, A/V Technology, & Communications cluster for students interested in A/V (audio/visual) production occupations. Upon completion of this course, proficient students will be able to explain and complete the phases of the production process including pre-production, production, and post-production. Students will establish basic skills in operating cameras, basic audio equipment, and other production equipment. Standards in this course include career exploration, an overview of the history and evolution of A/V production, and legal issues affecting A/V production. In addition, students will begin compiling artifacts for inclusion in a portfolio, which they will carry with them throughout the full sequence of courses in this program of study. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee State Standards in Mathematics, Tennessee State Standards for Physical World Concepts, Physical Science, Physics, and Visual Art.

Cosmetology I:

Cosmetology I is the first level of cosmetology. It prepares students with work-related skills for advancement into the Design Principles of Cosmetology course. Content provides students the opportunity to acquire basic fundamental skills in both theory and practical applications of leadership and interpersonal skill development. Content stresses safety, environmental issues, and protection of the public and designers as integrated with principles of hair design, nail structure, and cosmetic procedures. Laboratory facilities and experiences simulate those found in the cosmetology industry.

Early Childhood Education Careers (ECEC) I:

ECEC I is a foundational course in the Education and Training career cluster intended to prepare students for careers as childcare providers, nannies, preschool teachers, and more. Course content covers the foundation of childhood development services, careers, provider responsibilities and aptitudes, and fundamentals of child development. Upon completion of this course, students will have created artifacts for inclusion in a course portfolio, which will continue with them throughout the program of study. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee State Standards for Psychology and Sociology, as well as the National Standards for Family and Consumer Sciences Education, Second Edition.

Principles of Fire and Emergency Services:

Principles of Fire and Emergency Services is the introductory course in the Fire Management Services program of study. Students will be introduced to the challenging work of emergency responders in fire management services by learning regulations, health and safety protocol, communications, and operations. Upon completion of this course, if the teacher is a member of the local volunteer fire department, proficient students who are at least 16 years of age will have met the state requirements (T.C.A. 4-24-112) for minimum training of firefighters. Standards in this course are aligned with the National Fire Academy Fire and Emergency Services (FESHE) model.

Maintenance and Light Repair (Auto):

This course prepares students for entry into Maintenance and Light Repair II. Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills. Upon completing all of the Maintenance and Light Repair courses, students may enter automotive service industry as an ASE Certified MLR Technician. Hours earned in the Maintenance and Light Repair courses may be used toward meeting National Automotive Technicians Education Foundation (NATEF) standards and Tennessee Department of Education standards. NATEF requires that 95% of the P-1 tasks, 80% of the P-2 tasks, and 50% of the P-3 tasks will be accomplished. These tasks are notated in these standards.