



**TENNESSEE STATE UNIVERSITY**  
**DUAL ENROLLMENT (DE) COURSE OFFERINGS**  
**FALL 2026 and SPRING 2027**

## **Agricultural Sciences and Engineering**

**AGSC 1200 - Introduction to Plant Science (also, Dual Enrollment Q99 Section) (3)** A one semester, introductory course in plant science that exposes students to the principles of crop science, horticulture, and conservation of the renewable natural resources. Two lectures and one laboratory period per week. **(Fall)**

**AGSC 1410 - Introduction to Animal Science (also, Dual Enrollment Q99 Section) (3)** A course devoted to the adaptation of the different classes of farm livestock to varying farm conditions and to the relationship of each class to the other in different farm plans. A careful study of the correct types of livestock in relationship to economical production and market demands. Two lectures and one laboratory period per week. **(Spring)**

**AGSC 1600 Introduction to Biotechnology (3)** An introduction to biotechnological principles and technologies is designed for this course. Upon successful completion of this course, students will have a broad understanding of the moral, political, economic, ethical and social implications of this technology. They will have the knowledge and skillsets to demonstrate how to use biotechnology as well as to take part in intellectual discussions and make daily decisions related to product choices. Students will be able to understand genetics terminology and concepts; evaluate cellular organelle roles through their structures and functions; comprehend the central dogma of life via macro molecules; develop a foundation for DNA isolation/characterization, transformation, screening, genetic manipulating, and presenting; and evaluate laboratory exercises using routine aseptic culture practices. 3 credit hours. Prerequisites: None. Corequisites: None. **(Fall)**

**AGSC 2010 - Introduction to Agribusiness Economics (3)** The evolution of agriculture to agribusiness. Role, scope of agribusiness in the economy. Application of principles of economics to agriculture with focus on economic principles upon which rational managerial decisions must be made. Discussion of special topics as they affect small farmers, rural areas, environmental and natural resources, international trade and global economy.

## **Applied & Industrial Technologies**

**AITT 1001 - Introduction to Applied and Industrial Technologies (3)** An overview of the subject areas in the Department of Aeronautical & Industrial Technology. Special attention is given to the areas of Aviation Flight Training, Aviation Management and Industrial Electronics Technology. The student is introduced to student support services, admission and retention

standards, probability and statistics, programming and the use of computers for document preparation and simulation studies, and other topics of interest that will assist the student to integrate into his or her chosen curriculum. **(Fall)**

**AITT 2350 - GENERAL AVIATION OPERATIONS (3)** Lectures deal with facilities, management, and finance, legal and insurance aspects of general aviation. The lectures focus on sales, line service, air taxi and flight schools. One or more field trips to general aviation operations will be held. A semester project is required. **(Spring)**

## Applied Music Courses

**MUSC 1010 - Music Appreciation (3)** Emphasis upon development of listening skill and on a broad repertoire of literature, including both Western and Nonwestern music. History is included to help provide deeper meaning to the development of the music being studied. The course applies toward satisfaction of university general education humanities requirement. **(Fall)**

**MUSC 1011 - Materials of Music (3)** A course designed to prepare students, through instruction and practical application of knowledge, to read, write, and hear music. A student may be exempted from this course and move directly to MUSC 1210/MUSC 1250 through placement scoring on the entrance examination in theory. This fundamental course does meet requirements toward music degrees. **(Spring)**

**MUSC 1012 - Materials of Music Lab (1)** Corequisite laboratory course designed to accompany [MUSC 1011 - Materials of Music \(3\)](#). A student may be exempted from this course and move directly to MUSC 1210/[MUSC 1250](#) through placement scoring on the entrance examination in theory. This fundamental course does meet requirements toward music degrees. **(Fall)**

**MUSC 1210, 1211 - Freshman Theory I (3)** Basic notation, intervals, scales, and modes; rhythms; contrapuntal harmony, written and keyboard; sight-singing; ear training; harmonic and form analysis. Prerequisite: Passing score on the entrance examination, in theory, follow course sequence.

**MUSC 1250 - Freshman Aural Skills I (1)** Practical training for the ear. Emphasis is on gaining the ability to write down rhythms, melodies, and harmonic progressions. To be taken concurrently with MUSC 1210, 1211. Prerequisite: passing score on entrance examination in theory, follow course sequence.

## Computer Science

**TELC 2011 - Teach and Learning with Tech – Coding (3).** A course designed for students to be competitive in today's workforce regardless of your career or position. Students will have the opportunity to experience the basic concepts of coding and creativity. Students will gain

knowledge and skills regarding Apple Swift Playgrounds, iOS Tools, Prototypes of Apps and Learning with Augmented Reality. (Fall)

**COMP 2630 - Selected Programming Languages (3)** The purpose of this course is to teach all components of a selected programming language. Some of the languages to be offered are Visual Basic, C, Unix shell programming, Python, and Prolog.

## Criminal Justice

**CRMJ 2000 - Introduction to Criminal Justice Studies (3)** A preliminary examination of the entire criminal justice system. It emphasizes the understanding of basic concepts in police science, correctional services studies, the law and our legal system, and the elements of the scientific method and research techniques. It also functions as an introduction to the orientation and demands of the Tennessee State University Department of Criminal Justice.

**CRMJ 2010 - Introduction to Law Enforcement (3)** An intensive study of findings and concepts in the area of police science. It covers law enforcement agencies, their procedures, and their problems. There is a discussion of police-community relations and the FBI. History is emphasized.

**CRMJ 2020 - The American Legal System (3)** An intensive study of the concepts and findings of research concerning the functioning and the structure of the American legal system. Its history and development are stressed, and its place in the entire criminal justice system is discussed. Elements of constitutional criminal law are introduced. Problems such as crowded dockets, plea bargaining, and bail are discussed.

**CRMJ 2030 - Introduction to Corrections (3)** An intensive study of the concepts and findings of research in the area of corrections. In addition to consideration of the history and development of the correctional system, various techniques of correction are considered. The relationship of society and its norms to the operations of such systems is included.

## English

**ENGL 1010 - Freshman English I (3)** An introduction to the fundamentals of written composition and communication through the study of illustrative essays, as well as an introduction to the reading and critical analysis of essays. Grammar and mechanics, insofar as they are an integral part of developing proficiency in writing, are covered in the course. Those students who do not demonstrate satisfactory performance in the use of grammar and mechanics are required to attend the Writing Center. Successful completion of 1010 is a prerequisite for [ENGL 1020](#).

**ENGL 1020 - Freshman English II (3)** An introduction to more advanced techniques of composition through the study of literature. The analysis and explication of literature serve as topics for discussion, study, and writing of themes. Special attention is paid to the writing of the literary review and the research paper. Those students who do not demonstrate satisfactory performance in the use of grammar and mechanics are required to attend the Writing Center.

## **Foods and Nutrition**

**NUFS 2010 - Basic Nutrition Principles (3)** A course in which students study nutrition and its relationship to health. Emphasis is placed on functions, sources and deficiency symptoms for the various nutrients. Regulations surrounding food and related products are presented. Nutritional requirements throughout the life cycle are introduced. Fall Semester

## **Health Information Management**

**HIMA 1040 - Medical Terminology (3)** A study of the language of medicine with emphasis on body systems, prefixes, suffixes, root terms, pronunciation and spelling. Emphasis on surgical instruments and procedures, diseases, laboratory tests, clinical procedures, and abbreviations for each system. Terms related to cancer medicine, radiology, nuclear medicine, pharmacology, psychiatry, systemic disorders, and autopsy procedures will be included.

**HIMA 2100 - Fundamentals of Medical Science (3)** A study of the nature, cause, treatment and management of pathologic, microbiologic and clinical disease processes.

**HPSS 1510 - Health and Wellness (3)** A course concerned with placing emphasis on health through a consideration of various conditions which affect health. It includes a comprehensive coverage of important trends on major health areas such as communicable diseases, drugs, nutrition, and those involving the psychological or adjustive processes and those of a psychological or biological nature.

## **Management**

**MGMT 1010 - Introduction to Business (3)** The structure of American business; survey of the fundamental principles of business organizations; exploration of career opportunities and professionalism in business (For freshman business students and students in other fields).

## Mathematics

**MATH 1710 - Pre-Calculus Algebra (3)** A course which with [MATH 1720](#) provides the student with the foundation necessary to enter the calculus sequence. The topics include the study of polynomial, rational, exponential and logarithmic functions, and matrices. Prerequisite(s): ACT Math subscore of 19 or greater.

**MATH 1720 - Precalculus Trigonometry (3)** A continuation of [MATH 1710](#). Topics include right triangle trigonometry, trigonometric functions, analytic geometry, conic sections, sequences, and notation. Prerequisite(s): grade of C or better in [MATH 1710](#) or ACT Math subscore of 22 or greater.

## Psychology

**PSYC 2010 - General Psychology (3)** The basic course in introductory psychology for majors and non-majors. The course introduces students to the fundamental concepts of psychological methodology, basic psychological processes, learning memory, motivation, and emotions. The course is a prerequisite for all psychology courses.

## Sociology

**SOCI 2010 - Introduction to Sociology (3)** Introduction to sociology as a scientific discipline. Subject matter includes sociological concepts, sociological processes, and social institutions, including family and education. Course satisfies University social science requirement. Required of all Social Work and Sociology majors.

## Urban Studies

**URBS 2010 - Introduction to Urban Studies (3)** An introduction to the study of cities and metropolitan areas that focuses on the interdisciplinary nature of the field. Readings from the fields of Economics, Geography, History, Political Science, Sociology, Social Work, and Health Sciences are included with a special focus on the multi-racial, ethnic and cultural forces that have shaped the city. Various policy issues facing urban areas will also be examined. A service-learning component is part of the course requirement. (Fall)