



Dual Enrollment On-Campus Course Offerings and Description 2024-2025

Course Code	Course Title	Credit Hours	Term Offered	Course Description
BIO 140	Anatomy and Physiology I	4	Fall T/TH 8:25-9:15	An introduction to the structure and functions of the mammalian body; includes discussions of general and biochemistry; cell biology; histology; and studies of the skeletal, muscular and nervous systems. Two hours of lecture per week. Corequisite: BIO 141
BIO 141	Anatomy and Physiology I Lab	0	Fall T/TH 1-2:20 T/TH 3:30-3:50	Laboratory study of histology and the anatomy of the mammalian skeletal, muscular, and nervous systems. Two 1.5-hour laboratories per week. Corequisite: BIO 140.
BIO 142	Anatomy and Physiology II	4	Spring T/TH 8-9:15	A continuation of BIO 141. The autonomic nervous, endocrine, reproductive, cardiovascular, respiratory, excretory, and digestive systems of the mammalian body are studied. Three hours of lecture per week. Prerequisite: BIO 140;
BIO 143	Anatomy and Physiology II Lab	0	Spring T-12:30-2:20 T-2:30-4:20	Laboratory study of the integumentary, endocrine, reproductive, cardiovascular, respiratory, excretory, and digestive systems of the mammalian body. One 2-hour laboratory per week. Corequisite: BIO 142
BIO 180	General Biology I: The Unity of Life	4	Fall MWF 9-9:50	A study of cell structure and function common to life, emphasizing cell chemistry, energy transformations, reproduction, genetic mechanisms, and life's origins. Three lectures per week. Corequisite: BIO 181.
BIO 181	General Biology I Lab	0	Fall TH 12:30-2:20 TH 2:30-4:20	Laboratory studies of cell structure and functions common to life. One 2-hour laboratory per week. Corequisite: BIO 180.
O 182	General Biology II: The Diversity of Life	4	Spring MWF 9-9:50	A study of the diverse life forms including protists, fungi, plants, and animals; how these organisms interact; and the environment in which these organisms evolved and live. Three lectures per week. Prerequisite: BIO 180
BIO 183	General Biology II Lab	0	Spring TH 12:30-2:20 TH 2:30-3:45	Laboratory study of diverse forms of life. One 2-hour laboratory per week. Corequisite: BIO 182.
CJS 211	Introduction to Criminal Justice	3	Fall MWF 8-8:50 Spring 2024 8-8:50	A comprehensive examination of the criminal justice system including law enforcement, courts, and corrections; analysis of the problems and needs of the agencies involved in the criminal justice process, a survey of professional career opportunities.

ENG 101	Composition I	3	Fall MWF 8-8:50 MWF 9-9:50 T/TH 1:00-2:15	This course involves the reading of essays from disciplines across the curriculum and emphasizes the writing process. Students write papers in various rhetorical modes. A documented paper is required
ENG 102	Composition II	3	Spring MWF 9-9:50 T/TH 1:00-2:15	Continuation of ENG 101 and an introduction to writing about literature: fiction, drama, and poetry. Research techniques are introduced, and the completion of a research paper is one of the requirements of the course.
MAT 131	College Algebra	3	Fall MWF 8-8:50 Spring MWF 8-8:50	This course focuses on functions. Problem solving is emphasized. Mathematical modeling through the solution of word problems is also introduced.
MAT 132	Essentials of Statistics	3	Fall MWF 8-8:50 Spring MWF 8-8:50	This course provides an introduction to elementary probability theory, descriptive statistics and inferential statistics. Discrete and continuous distributions, including the binomial and normal distributions, are treated, as are the topics of linear regression, hypothesis testing, confidence intervals.
MAT 141	Precalculus Mathematics I	3	Fall MWF 11-11:50	This course includes topics on solving higher order polynomial and rational equations and inequalities, logarithmic as well as exponential equations. Graphs and zeros of functions, operations on functions, graph transformation, graphing and understanding the properties of polynomial, rational, inverse, logarithmic and exponential functions. Prerequisites: ACT math sub-score of 22 or satisfactory completion of MAT 131. Not open to students who have completed MAT 181.
MAT 142	Precalculus Mathematics II	3	Spring MWF 11-11:50	Topics include trigonometric functions, trigonometric identities and equations, the laws of sines and cosines, polar coordinates, conic sections and the binomial theorem. Prerequisite: MAT 141
MAT 181	Calculus I	4	Fall MTTHF 1-1:50	This course treats differential calculus and introduces integral calculus. Topics include limits, continuity, the derivative, applications of differentiation, antiderivatives, the definite integral, and the Fundamental Theorem of Calculus. Prerequisite: ACT math sub-score greater than 22 (25 is recommended), successful completion of MAT 142
MAT 182	Calculus II	4	Spring MTTHF 1-1:50	This course focuses on techniques of integration, applications of integration, and Taylor and Maclaurin series. Prerequisite: MAT 181
MUS 209	World Music	3	Fall TH 8-9:15 Spring TH 8-9:15	This course is a survey of the music and music cultures of the world, focusing on those distinct from the Western European tradition. The course will serve as an introduction to the discipline of ethnomusicology, the study of music in the context of culture as it exists anywhere in the world. By investigating the music of a variety of the world's cultures, and how it reflects and shapes the cultures of which they are a part, students will have opportunities to reflect upon views of the world that may be different than their own

PSY 101	Introduction to Psychology	3	Fall TH 1-2:15	A comprehensive survey of the field of psychology, defined as the scientific study of behavior; topics include development, personality, social interaction, abnormal behavior, learning, and motivation. PSY 101 is a prerequisite for many PSY courses numbered 200 or higher.
SOC101	Introduction to Sociology	3	Fall MWF 1-1:50 Spring MWF 1-1:50	This course introduces students to the basic principles and concepts of the discipline of Sociology. It provides an introduction to sociological theories and methods. Emphasis is placed on social structure and process, including social groups, culture, social institutions, social stratification, social problems, and social change.
SWK 231	Introduction to Social Work	3	Spring MWF 1-1:50	A survey of the philosophy, history, and practice of social work profession in our society; an overview of the development, training, and ethics of social work professionals; develops a point of view (theory and practice) of social work related to the structure of our society and the worth of the individual. Includes a strong "growth in self-awareness" component which is crucial in the social work field.