Dual Enrollment Summer 2024 Course List

May 6th – June 21st

Subject	Code	Section	Course Title
SPED	1050	400	Foundations of Special Education
CRJ	1050	400	Intro to Forensic Science
COMJ	1101	400	Exploring Human Communication
PSYC	1000	400	Introduction to Psychology

May 28th – August 9th

Subject	Code	Section	Course Title
MATH	1510	400	Discrete Structures
PHIL	1040	400	Introduction to Philosophy
RECR	1650	400	Introduction to Recreation and Leisure
ENGL	1200	403	College Composition

June 24th – August 9th

Subject	Code	Section	Course Title
ENGL	1100	400	Introduction to College Composition
HIST	1515	400	World History from 1500
CRJ	2100	400	Policing and Society
HIST	1015	400	US History since 1877
CMIS	1150	400	Introduction to Website Development
SOCI	1000	400	Introduction to Sociology

Last Updated: 4/5/2024

July 8th – August 9th

Subject	Code	Section	Course Title
ARAB	1002	400	Elementary Arabic II
BIOL	1101	400	Fundamentals of Biology
CHEM	1178	400	Discovering Physical Sciences
EXSC	1125	400	Fundamentals of Speed Training
MATH	1230	400	Trigonometry
COMJ	1107	400	Exploring Mass Media
MATH	1220	401	College Algebra
MATH	1020	400	Survey of Mathematics
GEOL	1600	400	Ocean Science

Dual Enrollment Course Descriptions – Summer 2024

May 6th – June 21st

SPED 1050 400 - Foundations of Special Education: This course is designed to provide information and skills necessary for accommodating exceptional learners in a variety of school arrangements. The primary focus is foundations and characteristics of special education and students with exceptionalities and collaboration/consultation for the successful inclusion of students with exceptionalities into the inclusionary classroom.

CRJ 1050 400 - Intro to Forensic Science: Forensic science applies scientific principles and techniques to the field of criminal justice. This introductory survey course is designed to expose students to the broad scope of forensic science. Special attention is paid to the collection, preservation, and analysis of physical evidence in criminal investigations across various scientific disciplines, as well as the introduction and presentation of evidence in a court of law. Topics discussed include: (a) the history of criminalistics; (b) crime scene documentation and investigative practices; c) the properties, collection, and categorization of physical evidence; e.g. fingerprints, bodily fluids (serology), DNA, hair, soil, plants, fiber, tool marks, firearms and projectiles (ballistics); (d) the analysis of documents, voice, and digital evidence; (e) biometric identification systems; (f) scientific instruments used in crime labs; (g) forensic evidence in judicial proceedings; and, (h) careers in the field of forensic science.

COMJ 1101 400 - Exploring Human Communication: Explores the central issues and topics of human communication, processes, and environments. Topics include culture, identity, organizations, and relationships. Students will relate human communication concepts to their everyday experiences and practice effective communication skills in the process.

PSYCH 1000 400 - Introduction to Psychology: This course introduces the scientific study of behavior and mental processes. Topics covered in the course include the biological basis of behavior, research

methods, learning, memory, human development, personality, social psychology, abnormal behavior, and the treatment of mental disorders.

May 28th – August 9th

MATH 1510 400 - Discrete Structures: This course covers the theories and structures of mathematics needed for the study of computer science. Topics include set theory, formal logic, introduction to proof writing, mathematical induction, Boolean algebra, number theory, matrix algebra, combinatorics, probability, algorithmic analysis, recursion, relations, graph theory, and trees.

PHIL 1040 400 - Introduction to Philosophy: An introduction to such major philosophical issues as the nature of knowledge, reality, religion, and morals.

RECR 1650 400 - Introduction to Recreation and Leisure: The course will familiarize students with the interrelationship between leisure and western culture. Specifically, students will be introduced to the many effects leisure has on society including, but not limited to the economic impact on leisure, leisure as a modifier of culture, and leisure as it relates to life stages and health.

ENGL 1200 403 - College Composition: Emphasizes the practice and process of composition with a focus on research, inquiry, and exploration of the genres of argument, analysis, and narrative. Offers the strategies, structures, and conventions for composing in a variety of modalities and provides foundational skills for evaluating, summarizing, and synthesizing academic sources.

June 24th – August 9th

ENGL 1100 400 - Introduction to College Composition: Offers practice for students in exploring the processes of composition in various genres. Introduces composing strategies with an emphasis on developing and structuring ideas for specific audiences and purposes, recognizing and editing grammatical and mechanical errors, providing constructive peer feedback, and revising.

HIST 1515 400 - World History from 1500: This course examines significant factors influencing change in the world's major cultural areas; industrialization and urban conflict, the democratic revolution, and the rise of charismatic leaders.

CRJ 2100 400 - Policing and Society: An introduction to the law enforcement system in America, which is the gateway to the criminal justice process, this course covers topics such as the historical foundations of police processes, occupational roles and tasks of law enforcement, and the nature and designs of typical, as well as innovative, police systems. Perennial problems of policing, particularly as it relates to community interaction, are also essential components of the course.

HIST 1015 400 - US History since 1877: The emergence of modern United States; its achievements and its problems; prosperity and depression, war and social unrest, Reconstruction through the Vietnam era and beyond.

CMIS 1150 400 - Introduction to Website Development: This course introduces the student to website development by covering topics of: the Internet and its architecture, standards effecting websites, website design issues, and the building and publishing of a website. Students will use the skills learned by creating a small website.

SOCI 1000 400 - Introduction to Sociology: Explore how people interact in social contexts shaped by inequality, health, gender, climate, race, technology, and class. Discover knowledge produced by sociologists working in research, business, advocacy, human services, and education. If you really want to change the world, you must first understand it.

July 8th – August 9th

ARAB 1002 400 - Elementary Arabic II: This course continues to introduce students to the people and culture of the Arabic-speaking world. Students will become familiar with Arabic grammar and language structure. They will have maximum opportunity to use the different language skills: listening, speaking, reading, and writing, in Modern Standard Arabic (MSA).

BIOL 1101 400 - Fundamentals of Biology: Introduces the fundamental principles of biology including cellular chemistry and energy conversions, cell structure, cell replication, genetics, evolution and organismal diversity, population dynamics and ecology, and environmental issues.

CHEM 1178 400 - Discovering Physical Sciences: The course will explore the basic principles of physical science which describe the world we live in and the universe that surrounds us. Topics will vary related to the physical science discipline prefix including concepts in chemistry, physics, geology, meteorology and climate science, geography, and mathematics.

EXSC 1125 400 - Fundamentals of Speed Training: This course is designed to provide students content related to the ever-growing specialization in speed training. Students will be exposed to content from the National Association of Speed and Explosion (NASE), and at the close of the course will be prepared to sit for their certification to become a Speed and Explosion Specialist. All aspects of speed training will be explored, including mechanics, training, and program design. The course will provide an entry-level understanding of biomechanics and exercise physiology as they pertain to improving athletic performance. Additionally, practical applications will be presented pertaining to proper warm up procedures, drills and exercises and sample programs that can be immediately applied upon completion of the course.

MATH 1230 400 - Trigonometry: This course introduces the trigonometric and circular functions along with their relationships and applications. It includes graphing of functions, trigonometric identities, trigonometric equations, inverse trigonometric functions, and the solution of triangles.

COMJ 1107 400 - Exploring Mass Media: Explores American mass communication. Topics include historical development, organizational structure, functional and operational characteristics, and contemporary uses of mass media. Students will review the impact of books, newspapers, magazines, movies, recordings, radio, TV, internet, and new media in American society and beyond.

MATH 1220 401 - College Algebra: This course develops properties of functions and their applications. Topics include rational expressions, linear equations, complex numbers, functions and their graphs, linear and quadratic inequalities, systems of equations, exponential functions, and logarithmic functions.

MATH 1020 400 - Survey of Mathematics: This course will cover how to apply mathematics to real world situations such as determining methods of voting and apportionment, finding the shortest path between two vertices, scheduling meetings, determining the best return on investments, and collecting data to show patterns.

GEOL 1600 400 - Ocean Science: This course examines the world ocean from an Earth System perspective, providing an overview of ocean science. Topics discussed include geological, physical, chemical, and biological oceanography and the role oceans play in global atmospheric circulation and the Earth's climate system.