



GRAND CANYON UNIVERSITY™

Dual Enrollment Courses Offered Online

Number	Course Title	Course Description
ACC 250	Financial Accounting 4 credits	This course is an introduction to the accounting cycle and the construction of financial statements. Students explore the fundamental principles and practices of financial accounting as outlined by Generally Accepted Accounting Principles (GAAP); the steps in the accounting cycle from journalizing transactions through the preparation of financial statements; and the use and interpretation of the balance sheet, income statement and statement of cash flows. Prerequisite: MAT 134 OR math placement test.
BIB 104	Old Testament Historical Perspectives 4 credits	This course is an introductory historical survey of the Old Testament. Attention is given to the study of the Bible itself, its institutions, its literature and the history of the national life of the Hebrew people from earliest times to the close of the Old Testament period. The course also explores the impact of the Old Testament on the development of Christianity and Christian values.
BIB 105	New Testament Historical Perspectives 4 credits	This course is an introductory historical survey of the New Testament, beginning with the interbiblical period. The main emphasis of this course is the Gospels and Acts and the development of Christian faith and perspectives throughout this historical period.
BIO 130	Introduction to Life Sciences I 4 credits	This course introduces students to the concepts of the scientific method and critical thinking in making observations and formulating hypotheses. Students learn about the structure of cells, DNA replication and gene expression, metabolic pathways, cell cycle and cell division. The final section of the class includes an overview of animal form and function, organs and organ systems and physiological processes, with an emphasis on human systems.
BIO 220	Environmental Science 4 credits	This course examines the risks and the environmental impact of human behavior and population growth on natural resources. Emphasis is placed on a holistic approach to environmental science using hands-on exercises, environmental surveys and class discussions to reinforce scientific principles.
BIO 250	Introduction to Life Sciences II 4 credits	This course introduces students to the relevance and impact of scientific endeavors/advances/processes on human populations, society and the environment. Natural phenomena and relationships between scientific disciplines and technology provide foundational knowledge for students to critically analyze the interactions between humans and their world.
BUS 232	Introduction to Sports Management 4 credits	This course is an overview of the business of sports, including career opportunities, as well as a study of the value of professional management to sports organizations.
COM 126	Communications and the Media 4 credits	This course is a study of media history and theory with an emphasis on the implications and impact of mass messages on meaning, culture and society.
COM 151	History and Criticism of Visual Media 4 credits	This course presents the history of visual art and its connection and influence on modern media. Students gain an artistic vocabulary by becoming familiar with many kinds of visual art, developing their skills in visual analysis, increasing their understanding of aesthetic theory and applying that understanding in presentations. Prerequisite: COM 126.

COM 231	Persuasive Theory 4 credits	This course is a study of the theory and practice of communication as it relates to influencing attitude and behavioral change. The course begins by presenting a historical overview of persuasive theory from its classical beginnings and progresses to analyzing persuasive strategies and their use by contemporary practitioners. Examples for analysis are taken from advertising, public relations, religion, sales, politics and propaganda.
CWV 101	Foundations of a Christian Worldview 4 credits	A worldview acts like glasses through which one views the world. In this course, students explore the big questions that make up a worldview, questions like "Why are we here?" and "What is my purpose?" Students examine how Christians answer these questions and work on exploring their own worldviews, as well as learning how worldview influences one's perceptions, decision making and everyday life.
DFP 101	Introduction to Cinema: History & Aesthetics 4 credits	This course covers multiple eras and movements throughout the age of film. Additional purchase of graphics software may be required.
DFP 111	Digital Video Production I 4 credits	This course introduces students to the technical and aesthetic aspects of small format digital production as well as the basic principles of motion picture production. Students learn the language of film/digital video and how its manipulation can express one's individual message or purpose. Additional purchase of graphics software may be required. Editing software and camera required.
ECH 125	Foundations of Early Childhood 4 credits	This course focuses on the fundamental basis of the field of early childhood education, including historical and philosophical foundations, current practices, ethics, models of teaching and application in early childhood settings. Professional preparation requirements and professional development opportunities for early childhood educators will be explored. Practicum/field experience hours: 20. Prerequisite: fingerprint clearance.
ECN 220	Introduction to Economics 4 credits	The course covers microeconomic topics, macroeconomic topics and international economics topics. Microeconomic topics include the nature and method of economics, supply and demand, utility and supply and demand elasticities. Macroeconomic topics include the measurement of national output, factors that impact output, other means of measuring national wealth and economic well-being, unemployment, inflation, GDP accounting and business cycles. While the focus of this course is primarily on the U.S. economy, some comparative economic analysis will be covered. In addition, select topics related to international trade and finance are introduced.
EDU 210	Foundations of Education 4 credits	This course is designed to provide an overview of the education profession for students who are inspired to be teachers. A brief survey of the philosophical, historical and sociological influences upon which educational theories and practices are constructed is presented. Students explore a variety of the common issues, trends and opportunities that professional educators face in the field. No practicum/field experience required. No Fingerprint Clearance necessary.
EDU 230	Cultural Diversity in the Classroom 4 credits	This course examines the relationship of cultural values to the formation of self-concept and learning styles. The roles of prejudice, stereotyping and cultural incompatibilities in education are also evaluated. No Fingerprint Clearance necessary.
ENG 105	English Composition I 4 credits	This is a course in writing academic prose, including various types of essays, arguments and constructions. Placement test required.
ENG 106	English Composition II 4 credits	This course explores various types of research writing, with a focus on constructing essays, arguments and research reports based on primary and secondary sources. Prerequisite: ENG 105.
ENG 250	Analysis of World Literature 4 credits	This course is a study of some diverse works in world literature. It introduces all advanced English course offerings. Students will also be introduced to methods of literary criticism and analysis. All students who plan to major in English should earn a 3.00 or above in this course before taking any upper division English courses. Prerequisite: ENG 105 and ENG 106.
ENG 260	English Literature I 4 credits	This course is a survey of English Literature from the Old English period through the Enlightenment. Prerequisite: ENG 105 and ENG 106; and ENG 250 for English majors.
ENG 270	English Literature II 4 credits	This course is a continuation of ENG 260, covering the Romantic period through the Modern period. Prerequisite: ENG 105 and ENG 106; and ENG 250 for English majors.
GOV 140	American Government and Politics 4 credits	This course is an introduction to American government and politics. It covers the constitutional foundations and governing institutions of the federal government. Throughout the course, students address common political themes, such as the nature and scope of governance, democracy, citizenship, and patterns of political behavior.

GOV 210	Introduction to Comparative Government and International Politics 4 credits	This course compares and contrasts various systems of government in Western and non-Western countries, and explores political and diplomatic processes and how they affect international relations, nations, and localities.
HIS 105	World History Themes 4 credits	This course surveys global civilizations from Africa and the Americas to Eurasia as an overview of the principal cultural, political and economic themes that shaped world civilization.
HIS 144	United States History Themes 4 credits	This course provides an overview of the principal political, economic and cultural, themes that shaped the United States from the Colonial period into the 20th century.
INT 244	World Religions 4 credits	This course is a study of the major contemporary religions of the world including Abrahamic religions, Eastern religions and other religions. The course covers religious texts, historical background and current beliefs and practices. Emphasis is given to the ideological foundations of a Christian worldview, a comparison of worldviews and the application of worldviews within a global society.
JUS 104	Introduction to Justice Studies 4 credits	This course provides an introduction to the basic components of the criminal justice system in the United States today: corrections, courts and law enforcement.
JUS 110	Crime and Criminology 4 credits	This course provides an examination of classic and contemporary theories of crime causation, including psychological and social causes of crime and theories of punishment.
JUS 250	Critical Issues in Criminal Justice 4 credits	This course provides an examination of issues relating to justice policies, perspectives, techniques, roles, institutional arrangement, management and administration, use of research and innovative patterns. Prerequisite: JUS 104 and JUS 110.
MAT 134	Applications of Algebra 4 credits	This course is the university general education requirement and develops and then applies the algebraic concepts of linear equations and linear inequalities in one variable; graphing linear equations and linear inequalities; linear systems; and rational, exponential, quadratic, exponential and logarithmic equations. There is an emphasis on developing both a fundamental understanding of these concepts as well as their application to real-world problem-solving. Placement test required.
MAT 250	College Algebra and Trigonometry 4 credits	This course is a unified study of fundamental concepts from algebra and trigonometry that provide the necessary background for the study of calculus. Topics include modeling linear equations and inequalities; functions and their graphs; polynomial, rational, exponential, logarithmic and trigonometric functions; systems of equations and inequalities; matrices and determinants; and conic sections. There is an emphasis on developing both a fundamental understanding of these concepts as well as their application to real-world problem-solving. Prerequisites: Grade of C or better in MAT-134 or placement test required.
MAT 252	Calculus and Analytic Geometry I 4 credits	This course provides a rigorous treatment of the concepts, methods and applications of elementary calculus and is the first calculus course in a three-course sequence. Topics include a brief review of linear, exponential, logarithmic, trigonometric and inverse functions; understanding and calculating limits, continuity and derivatives as rates of change; differentiation rules including derivatives of polynomials, exponentials, trigonometric and logarithmic functions; product and quotient rules, the chain rule and implicit differentiation; related rates, curve sketching, maximum and minimum problems, mean value theorem, linear approximation, indeterminate forms and L'Hospital's rule; and applied optimization problems, antiderivatives and approximating areas under the curve. Prerequisite: Grade of C or better in MAT-250 or placement test required.
MAT 253	Calculus and Analytic Geometry I 4 credits	This course provides a rigorous treatment of the concepts, methods and applications of integral calculus and is the second course in a three-course sequence. Topics include definite integrals, fundamental theorem of calculus and integration rules; arc length, solids of revolution and physical applications; techniques of integration including improper integrals and an introduction to differential equations; polar coordinates, parametric equations, infinite sequences and series; power series and conic sections; and vector arithmetic, dot product and projections. Prerequisite: Grade of C or better in MAT-252 or placement test required.
MAT 274	Probability and Statistics 4 credits	This course provides an introduction to the study of basic probability, descriptive and inferential statistics and decision making. Emphasis is placed on measures of central tendency and dispersion, correlation, regression, discrete and continuous probability distributions, quality control, population parameter estimation and hypothesis testing.
MGT 240	Introduction to Management 4 credits	This introductory course deals with management and the basic management processes and functions. It focuses on real-world management situations concerned with planning, organizing, leading and controlling, the work of the organization.

MKT 245	Principles of Marketing 4 credits	This course surveys the marketing mix and marketing concept; markets and buyer behavior; product, service and relationship marketing for global competition; creating and keeping customers in an e-commerce world; branding and positioning; distribution strategies, integrated marketing communications and pricing strategies.
PHY 102	Introduction to Physical Science 4 credits	This course introduces students to the scientific method. Students are expected to classify objects and materials based on physical and chemical properties, as well as develop an understanding of chemical reactions and flow of energy in a system.
PHY 104	Earth and Space Science 4 credits	This course is designed to develop students' skills in the scientific method, develop the understanding of the properties of Earth and its materials and appreciate Earth in relationship to other objects in space. Concepts include geological and atmospheric phenomena.
PSY 102	General Psychology 4 credits	This foundation course in the science of behavior includes an overview of the history of psychology, the brain, motivation, emotion, sensory functions, perception, intelligence, gender and sexuality, social psychology, human development, learning psychopathology and therapy.
PSY 255	Personality Psychology 4 credits	This course is a study of the nature and causal determinants of human behavior, including the definition and scientific measurement of personality. Theories studied include the psychodynamic, neo-Freudian, trait and factor, cognitive and behavioral theories. The Christian perspective on the nature of human personality is also explored. Prerequisite: PSY 102.
SOC 102	Principles of Sociology 4 credits	This course presents a survey of the concepts, theories and methods used by sociologists to describe and explain the effects of social structure on human behavior. It emphasizes the understanding and use of the sociological perspective in everyday life.