

# GRAND CANYON UNIVERSITY™

PHOENIX, ARIZONA

## Dual Enrollment Courses Offered Online

College	Course Code	Course Title	Credits	Course Description
CCOB	ACC-250	Financial Accounting	4	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. <b>Grade of C or better in MAT-134, MAT-144, or MAT-154 required.</b>
COFAP	ADV-110	Fundamentals of Advertising	4	This course introduces the fundamentals of the advertising industry including basic elements of campaign strategy and design. Students learn the foundational communication and writing skills necessary to create effective campaigns. Contemporary legal and ethical issues in advertising are also addressed.
COT	BIB-106	Old Testament Historical Perspectives	4	This course introduces the text of the Old Testament with emphasis on the biblical narrative, genres, major historical periods, and theological themes.
COT	BIB-107	New Testament Historical Perspectives	4	This course introduces the text of the New Testament with emphasis on the biblical narrative, genres, major historical periods, and theological themes.
CSET	BIO-130	Introduction to Life Sciences I	4	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. This course is considered to have noticeably higher rigor for the online format.
CSET	BIO-220	Environmental Science	4	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.
CCOB	BUS-232	Introduction to Sports Management	4	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.
CHSS	COM-100	Fundamentals of Communication	4	This course is an introduction to the field of communication with emphasis on the history of communication study, relevant communication theories guiding current research, the contexts in which communication occurs, and issues faced by students of communication. The course focuses on introducing students to various communication models as well as theories and skills in interpersonal communication, small group communication, mass communication, intercultural communication, and public communication.



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CHSS	COM-263	Elements of Intercultural Communication	4	This writing intensive course focuses on improving communication among people with different racial, ethnic, cultural, and minority backgrounds. Students explore verbal and nonverbal communication behaviors in a variety of communication media and contexts. Communication styles, rituals, and traditions are explored through an examination of mass media, family structure, religion, politics, education, social life, art, and literature. This course is considered to have noticeably higher rigor in the online format.
CSET	CST-105	Computer Programming I	4	This course introduces the fundamental concepts and syntax of the Java programming language. The course focuses on object-oriented techniques in Java with an emphasis on problem solving and fundamental algorithms.
CSET	CST-135	Computer Programming II	4	This course focuses on software development using the Java programming language. The course exposes the relationships between machine architecture and data organization through Java-based projects, including algorithmic machines. Grade of C or better in CST-105 required.
COT	CWV-101	Foundations of a Christian Worldview	4	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.
COFAP	DFP-101	Introduction to Cinema: History and Aesthetics	4	This course covers multiple eras and movements throughout the age of film.
COFAP	DFP-111	Digital Video Production I	4	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.
CCOB	ECN-220	Introduction to Economics	4	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. This course is considered to have noticeably higher rigor for the online format.
COE	ELM-200	Child and Early Adolescent Development and Psychology	4	Teacher candidates survey how children and early adolescents grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas while understanding the implications for designing and implementing developmentally appropriate and challenging learning experiences. This survey of the seminal concepts, principles, theories, and research related to development of children and young adolescents allows teacher candidates to build foundational knowledge for constructing learning opportunities that support individual student's development, acquisition of knowledge, and motivation. Practicum/field experience hours: None. Fingerprint clearance not required.
CHSS	ENG-105	English Composition I	4	This is a course in writing academic prose, including various types of essays, arguments, and constructions. A writing-intensive course. Placement exam required.
CHSS	ENG-106	English Composition II	4	This course explores various types of research writing, with a focus on constructing essays, arguments, and research reports based on primary and secondary sources. A writing-intensive course. Grade of C or better in ENG-105 required.



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CHSS	ENG-130	Introduction to Young Adult Literature	4	This course delves into critical approaches to literature that are of interest to young adult readers. Themes such as identity, culture, ethnicity, race, values, gender, and censorship are among those explored through close readings and textual analysis of popular and historical fiction, nonfiction, graphic novels, and dystopian literature.
CHSS	ENG-250	Analysis of World Literature	4	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. Grade of C or better in ENG-105 and ENG-106 required.
CHSS	ENG-260	English Literature I	4	This course is a survey of English Literature from the Old English period through the Enlightenment. Grade of C or better in ENG-250 required.
CCOB	FIN-210	Personal Finance	4	This course provides students with skills to make rational, personal finance decisions. There is an emphasis on money management and the responsible use of credit. Strategies for wealth building and retirement planning are also introduced.
CHSS	GOV-140	American Government and Politics	4	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.
CHSS	GOV-210	Introduction to Comparative Government and International Politics	4	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.
CHSS	HIS-110	World History Themes	4	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.
CHSS	HIS-144	United States History Themes	4	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.
CCOB	HOS-200	Introduction to Hospitality	4	This course introduces the hospitality industry and essential customer service and communication skills that ensure efficient delivery of quality services. Students are taught the skills necessary to effectively communicate, meet the service quality expectations of a diverse clientele, and appropriately represent their organizations.
CHSS	JUS-104	Introduction to Justice Studies	4	This course provides an introduction to the basic components of the criminal justice system in the United States today: corrections, courts, and law enforcement.
CHSS	JUS-110	Crime and Criminology	4	This course provides an examination of classic and contemporary theories of crime causation, including psychological and social causes of crime and theories of punishment.
CHSS	MAT-110	Basics of Algebra	4	This course is designed to build students' understanding of, and skill in, basic algebraic practices and procedures. Students learn to manipulate mathematical operations involving real and complex numbers. Topics include solving and graphing equations and inequalities, solving systems of equations, operations on functions, use of real and complex number systems, solving rational functions, and solving exponential and logarithmic functions. Emphasis will be placed on algebraic processes and building a framework for future courses.
CHSS	MAT-144	College Mathematics	4	The course covers mathematics that matter in modern society. Key areas of focus include financial literacy, numerically-based decision making, growth, scale, and numerical applications. The course applies basic college-level mathematics to real-life problems and is appropriate for students whose majors do not require college algebra or higher.
CHSS	MAT-154	Applications of College Algebra	4	This course is designed to prepare learners to integrate fundamental mathematical concepts with the critical and quantitative thinking needed to solve workplace-related problems. The course is founded upon a functional and technological approach to algebra. Topics include functions, algebraic and exponential equations, systems, matrices, probability, and statistics. Emphasis is placed on developing students' understanding of mathematical representation and logical reasoning to solve real-world problems. Placement exam required.



College	Course Code	Course Title	Credits	Course Description
CSET	MAT-250	College Algebra and Trigonometry	4	This course is a unified study of fundamental algebra and trigonometry concepts that provide the necessary background for the study of calculus. Topics include linear equations and inequalities in one and two variables; scatter diagrams and curve fitting; polynomial, rational, exponential, logarithmic, and trigonometric functions, their graphs, and their inverse functions; and systems of equations and inequalities. There is an emphasis on developing both a fundamental understanding of the concepts involved as well as their application to real-world problem solving. <b>Placement exam or grade of C or better in MAT-134 or MAT-154 required.</b>
CSET	MAT-274	Probability and Statistics	4	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. Grade of C or better in MAT-134, MAT-144 or MAT-154 required. This course is considered to have noticeably higher rigor for the online format.
CCOB	MGT-240	Introduction to Management	4	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.
CCOB	MKT-245	Principles of Marketing	4	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.
CHSS	PCN-100	Foundation of Addiction and Substance Use Disorders	4	This course provides foundational knowledge regarding addiction and substance use disorders. Topics studied include biopsychosocial dynamics; stages, processes, and impact of addiction and substance use; and the role of the addiction professional in prevention, intervention, relapse prevention, and aftercare. In addition, the course provides overviews of the substance abuse counselor's code of ethics, HIPAA, and legal issues involved in counseling.
CHSS	PCN-107	Introduction to Counseling Theories	4	This course provides foundational knowledge in theoretical approaches to counseling. Theoretical models studied include psychodynamic, individual, existential, Gestalt, person-centered, cognitive and behavioral therapy, rational emotive behavioral therapy, family systems, and narrative- and solution-focused therapies.
CHSS	PHI-105	21st Century Skills: Critical Thinking and Problem Solving	4	This course gives students an introduction to skills of critical thinking and decision making. It provides students opportunities to evaluate the influence and value of these skills in their personal, academic, and professional lives. Emphasis is placed on perception, emotion, fallacious reasoning, and communication.
CSET	PHY-102	Introduction to Physical Science	4	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.
CHSS	PSY-102	General Psychology	4	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.
CHSS	SOC-102	Principles of Sociology	4	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.
CHSS	SOC-220	Social Problems	4	This course provides a survey of the various issues and problems faced by contemporary American society, including crime, drug abuse, sexual variance, poverty, overpopulation, and family relations. Emphasis is placed upon how these problems arise from and are perpetuated by modern social structure.