

**Fall 2022 Online High School Early Admit/Dual Enrollment Course List****8/22/2022-12/9/2022**

APSY	100	General Psychology
CACT	251	Financial Accounting
CAH	101	Medical Terminology
CARH	110	Visual Arts
CBIO	111	Basic Biology
CCIS	217	Spreadsheets & Office Applications
CCRJ	110	Intro to Criminal Justice
CDA	202	Intro to Programs & Algorithms
CECN	211	Principles of Macroeconomics
CENG	111	College Writing II
CES	140	Natural Disasters
CFIN	170	Intro to Finance
CGEG	100	Intro World Geography
CHIS	111	Ancient & Medieval Civilizations
CHIS	120	U.S. to 1877
CMAT	131	Applications of Mathematics in Business
CMAT	221	Elementary Applied Statistics
CMGT	120	Intro to Business Integration Experience
CNFS	111	Health Education (2 credits)
CNFS	185	Physical Fitness & Conditioning (1 credit)
CPHS	111	Physical Science Chemistry
CPS	110	Politics in the Headlines
CSOC	211	Principles of Sociology
CSPN	151	Elementary Spanish I
CSPN	152	Elementary Spanish II
EPSY	101	Intro to Psychology

## **Dual Enrollment Course Descriptions – Fall 2022**

APSY 100: General Psychology- This course is an introduction to the scientific study of behavior and mental processes. It explores topics such as the biological basis of behavior, research methods, learning, emotions, cognitive processes, perception, personality, abnormal behavior and the treatment of mental disorders. Research as well as practical application is stressed.

CACT 251: Financial Accounting- Examines the principles and procedures for collecting, recording, summarizing, and reporting financial information.

CAH 101: Medical Terminology- Teaches principles of medical word building that support understanding and use of the language of medicine and also enhance understanding of the English language. Includes study of medical term components, medical abbreviations, specialized terminology related to body systems and related pathology, diagnostic examinations, clinical and laboratory procedures, oncology, and pharmacology. Students will apply their knowledge of and skills in medical terminology to speak, read, and write the language of medicine and to understand health care information as a future healthcare provider, patient, and caregiver.

CARH 110: Visual Arts- Introduces art appreciation. Deals with the form and content of art as well as the processes and products of art. Enriches the student's awareness and understanding of visual art forms.

CBIO 111: Basic Biology- Deals with the principles of biology. Includes cellular structure and physiology, growth and repair, reproduction and development, control, sources of food energy, inheritance, and people's interrelationship with their biological environment. Briefly reviews the classification of plants and animals. Credit not to be applied toward biology major.

CCIS 217: Spreadsheets & Office Applications- Introduces the basic concepts of microcomputers and software applications. Includes commonly available software packages and graphics.

CCRJ 110: Intro to Criminal Justice- Provides an overview of the justice system including processing offenders. Examines the nature of criminal law, causes of criminal behavior and discusses the roles of various agencies including police, courts, and corrections.

CDA 202: Intro to Programs & Algorithms- Introduces algorithms and translation of algorithms into a programming language. Student will create algorithms and computer programs that implement those algorithms. Will learn programming language syntax and programming fundamentals including variables, input and output, arithmetic and logical operations, control flow (sequence, selection, iteration), file access and modular development.

CECN 211: Principles of Macroeconomics- Introduces macroeconomics, national income analysis, money and banking, monetary and fiscal policies, inflation, unemployment, and international finance. ECON 211 is the prerequisite for ECON 212.

CENG 111: College Writing II- Emphasizes development of critical thinking through analytical and argumentative writing and introduces students to research writing.

CES 140: Natural Disasters- Focuses on natural disasters and the normal processes of the earth/atmosphere system which produce them. Particular attention is placed on the energy sources that cause underlying disasters such as plate tectonics, weather/storm processes, climate change, processes

operating in rock, water and the atmosphere, the significance of geologic time, complexities of multiple variables operating simultaneously, and detailed case histories of significant events.

CFIN 170: Intro to Finance- Fundamentals of personal and small business finance. Calculation of time value of money, growth rates, discount rates, bond values, and net worth. Analysis of credit and computation of business cost of capital. Elementary risk and insurance analysis. Introduction to investments. Application of calculation skills to solve for loan payments, amount of savings for future purchases, what to pay for an annuity or other investment, amount of and savings needed to retire on a fixed income.

CGEG 100: Intro World Geography- Provides an overview of important human and physical characteristics of the world's cultural realms. Examines issues of economic and social development, and religions and cultures found around the world in a regional or systematic context. Explores contemporary environmental, political, and ethnic/racial problems.

CHIS 111: Ancient & Medieval Civilizations- Includes a survey of prehistoric cultures and civilization from its historical beginning to 1300. Presents a knowledge of the origins of the broad social, political, intellectual, and economic movements of the past from which the student may gain an understanding of civilization today.

CHIS 120: U.S. to 1877- Surveys United States history from the period of exploration through the Reconstruction period.

CMAT 131: Applications of Mathematics in Business- Covers mathematical techniques with special applications in business and related areas. Includes algebra, problem solving, mathematics of finance, probability and statistics.

CMAT 221: Elementary Applied Statistics- Examines basic principles and methods of statistical analysis useful in the social sciences, biology, and education. Designed specifically for students not majoring in mathematics.

CMGT 120: Intro to Business Integration Experience- Introduces students to the role of the business institution in society and the challenges it faces. The course integrates the study of business within all functional areas of business, Economics, Accounting, Finance, Management and Marketing.

CNFS 111: Health Education (2 credits)- Focuses on wellness and health promotion. Emphasizes healthy behaviors in each of the five Dimensions of Health (mental, physical, social, emotional, environmental). Stresses skills and application of health knowledge for optimum wellness and disease prevention.

CNFS 185: Physical Fitness & Conditioning (1 credit)- Enables students to develop a fitness and conditioning program to fit their individual needs through knowledge gained in areas such as nutrition, use of conditioning equipment, weight control, and fitness tests.

CPHS 111: Physical Science Chemistry- Explores selected chemical principles with the purpose of providing a background that will enable students to understand issues involving the interaction of science and society. Intended for non-science majors and does not assume prior familiarity with chemistry.

CPS 110: Politics in the Headlines- An introduction to the study of politics through examination of selected current issues or policy dilemmas, as determined by contemporary political news reporting. Topics will vary from semester to semester, but may include the following issues: terrorism, immigration, health care, social movements, civil liberties, education, foreign and defense policy, budgeting, environmental issues, and energy policy.

CSOC 211: Principles of Sociology- Introduces the nature and characteristics of human societies, the structure and processes of social life, the impact of social forces on personal and group behavior, and the interdependence of society and the individual.

CSPN 151: Elementary Spanish I- Introduces Spanish language, emphasizing all language skills: listening, speaking, reading, and writing.

CSPN 152: Elementary Spanish II- Continuation of SPAN I. Prerequisite: SPAN 151 or satisfactory placement test score.

EPSY 101: Intro to Psychology: This course introduces the methods, theories, and key findings from the scientific study of behavior and mental processes