

Dual Enrollment Course Descriptions – Summer 2018

SUMMER 2 COURSES

AH 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 in the language of medicine and to understand health care information as a future healthcare provider, patient, and caregiver.

BIOL 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.

COM 100- Intro to Mass Media: Systematic study of mass media and their support industries. Includes historical and critical perspectives of legal, ethical and social issues surrounding the influence of the mass media on audiences, characteristics and functions of the mass media, career options, employment trends, and competencies required of a mass media professionals.

COM 320- Communication & Gender: Investigates the effects of gender roles on communication behaviors, such as naming behavior, language acquisitions, professional orientation, conflict management, self-image, dress, and social roles.

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

ENGL 319- The Literature of Aging: Explores the broad range of literature (short fiction, novel, poetry, memoir, drama/film) that expresses the human experiences of aging and depicts images of aging and the aged, with a focus on aging in its relationship to identity, love, family, and community and as concerns of independence/dependence, loneliness/alienation, friendship, faith, creativity and

renewal, ageism, death, and bereavement from literary and social scientific perspectives. No prerequisite.

ES 111- Basic Earth Science: Surveys the earth sciences, including Earth-space relations. Includes Earth motions, development of landforms, weather and climate, soils and related vegetation, water as a resource, and oceans. Emphasizes the lithosphere (mountain building and erosion) and the atmosphere.

ES 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.

MATH 110- Intermediate Algebra: Covers topics in algebra beyond the introductory level, yet less than the pre-calculus level.

MATH 112- Excursions Math: Acquaints students with the nature and scope of modern mathematics and its applications. Emphasizes concepts and understanding rather than acquisition of techniques.

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

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

MATH 232- Calculus Business I: Examines differential calculus with application to business and the social sciences. Topics include limits, derivatives, maxima and minima, and an introduction to integration.

NFSS 111- Health Education: Focuses on wellness and health promotion. Emphasizes healthy behaviors in each of the five Dimensions of Health (mental, physical, social, emotional, and environmental). Stresses skills and application of

health knowledge for optimum wellness and disease prevention. Requirement for all students. 2 credits.

NFSS 185- Physical Fitness & Conditioning: 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. 1 credit.

PHIL 308- Contemporary Ethical Issues: This course will examine and critically evaluate contemporary ethical issues. Topics may include, but are not limited to, biomedical ethics, business ethics, ethics and education, and environmental ethics.

SUMMER 3 COURSES

BIOL 224- Human Biology: This course focuses on the biology of the human organism. Recent scientific and medical advances as they relate to the development of public policy are interwoven through topics covered. The biology of our aging human population including issues such as infection, autoimmunity, cancer, as well as respiratory, cardiovascular, and urinary system decline, will be discussed. Credit not to be applied toward a biology major or biology education certification.

COM 200- Interpersonal Communication: Focuses on the study of interpersonal communication, specifically the investigation of major theories and research in the field and the application of those theories to improving the students' interpersonal skills.

COM 321- Nonverbal Communication: Increases awareness of students in the areas of nonverbal communication. Describes and analyzes the various concepts of nonverbal communication, applies them to actual situations, and relates them to the entirety of the communication process.

HIST 302- Women in the U.S: Explores the history of American women from Colonial times to the present. Examines women's diverse experiences and roles,

the relationship between women and the rest of society, gender expectations, 19th and 20th century feminism, reform and political activists.

MATH 110- Intermediate Algebra: Covers topics in algebra beyond the introductory level, yet less than the pre-calculus level.

MATH 112- Excursions Math: Acquaints students with the nature and scope of modern mathematics and its applications. Emphasizes concepts and understanding rather than acquisition of techniques.

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

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MATH 232- Calculus Business I: Examines differential calculus with application to business and the social sciences. Topics include limits, derivatives, maxima and minima, and an introduction to integration.

PHIL 100- Philosophy Goes to the Movies: This course will explore and evaluate various philosophical themes and problems through the use of popular films chosen for their philosophical content.

PS 211- American Government: Study of the general principles of the American system of constitutional government emphasizing the organization and functions of the national government--legislative, executive, and judicial. Examines the rights and duties of citizenship, the electorate, political parties, civil rights, and the growing regulatory function of government.

PSY 211- General Psychology: Introduces the general subject matter of psychology as a science and its major findings. Emphasizes genetics, development, learning and motivation, emotions, sensation and perception, personality and abnormal adjustment, and other social behavior.

THE 253- Introduction to Theatre: Explores the techniques and contemporary practices in the organization of dramatic material. Surveys the division of labor for creation of dramatic material. Analyzes literary concepts, including realism and existentialism that motivate the contemporary audience.