



ADDENDUM

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COURSE DESCRIPTIONS

DIVISION OF ARTS AND SCIENCES

Name changes for courses:

****PHI 110 @ 3 CREDITS**

ETHICS (formerly GENERAL ETHICS)

In this course, students will examine moral belief systems, including different theories of ethics and their application to moral issues in the society at large and in daily life. Students will examine major ethical questions, including “What is morality?” and “What does God have to do with right and wrong?” Students will present ethical ideas of philosophers like Immanuel Kant and Jean-Paul Sartre to the class. Students will also be required to investigate and write about their own ethical values and to write critically about the application of ethics to life.

****PHI 200 @ 3 CREDITS**

PHILOSOPHY (formerly GENERAL PHILOSOPHY)

This course surveys the canon of philosophical thought which presently defines the field. Students will explore the development of philosophy from a historically based collection of thinkers starting with Plato and working through to Sartre. All philosophy stems from fundamental questions. Throughout this course, the student will be examining basic assumptions, revising received views and looking in depth at the work of philosophers who at times took immense risks to do just this. By examining the original works of the philosophers themselves, students will explore first hand the various modes of thought that brought civilization from Socratic rhetoric to the theories of Existentialism. This course seeks to define what we understand today to be philosophic inquiry.

PHY105 3 CREDITS

PHYSICS (formerly GENERAL PHYSICS)

The General Physics course explores the nature of matter and diverse physical environments. The course will cover Newton’s Laws of Motion, the Laws of Conservation, the properties of matter, temperature and heat, the properties of sound and light, electricity and electromagnetism. Students will learn about atomic structure and the atomic nucleus as an introduction into medical imaging physics. At the end of the course the students should be able to explain how physical events occur in terms of basic chemistry and mathematics as they apply to the health sciences.

****PSY105 @ 3 CREDITS**

PSYCHOLOGY (formerly GENERAL PSYCHOLOGY)

This course covers the major facts, theories, and controversies of contemporary psychology from a natural science perspective. Topics include Freud and psychoanalysis, genetics and behavior, neural bases of behavior, motivation, emotion, sensation, perception, intelligence, and mental disorders and their treatment.

****SOC105 @ 3 CREDITS**

SOCIOLOGY (formerly GENERAL SOCIOLOGY)

This course introduces students to the study of human behavior in society. Students will examine major components of sociology, including culture, diversity, and such social institutions as family, government, and education. Students will be required to investigate and write about their own social values and to write critically about society in general.

BIO150

3 CREDITS

MICROBIOLOGY (WITH LABS) - formerly MICROBIOLOGY FOR HEALTH PROFESSIONALS (WITH LABS)

The fundamentals of microbiology include the study of microbes from a cellular and molecular perspective. This includes structure, nutrition, growth, control mechanisms, classification, and genetics of bacteria, viruses, fungi, and protozoa. Students are introduced to bacterial, fungal, parasitological and viral pathogens and immunology. The course is directed towards students interested in careers in diverse fields of health profession.