Honors Course Offerings Spring 2015

- **CHM 262H- *Chemistry II Honors*- MWF 12:25pm-1:15pm – CSU Staff**
  Advanced course parallel to CHM 262. Kinetics, equilibrium, acid-base chemistry, nuclear chemistry, and descriptive chemistry. *Natural Science*

- **ENG 240H- *Introduction to Poetry*- Tue, Thur 12:30pm-1:45pm- CSU Staff**
  This course teaches students how to analyze, discuss and write critically about poetry at a level appropriate for honors level English majors. While all sections of ENG 241 teach students the skills of critical thinking and writing about literature, this honors course will also help students understand the histories and ideologies behind the types of analyses they are learning to perform on literature. Students will engage with critical sources at a sophisticated level, in preparation for their senior honors project. Students must receive a C or better in this course for it to count towards the major. *Humanities and W.A.C. requirements*

- **HIS 230H- *Turing Points in Ancient and Medieval History*- MW 4:30pm-5:45pm- Wertheimer**
  The course will use Barnard College's "Reacting to the Past" role-playing games to allow students to conduct an in-depth, interdisciplinary exploration of two cities at turning points in their development: Athens in the wake of its defeat during the Peloponnesian War and Rome in the turmoil following the assassination of Julius Caesar. Supplemented by other assignments, this course will require you to work intensively with primary sources drawn from classical literature, to build skills in critical thinking and reading, to work effectively in groups, and to present your work both orally and in writing. You will complete the course with a richer understanding of the political and social fabric of two societies (Athens and the Roman Republic) that are often cited as the cultural ancestors of modern democracies. *Humanities and S.P.A.C.*

- **MTH 182H - *Calculus II (Honors)* – MTWF 10:15am-11:05am –CSU Staff**
  Honors Calculus II is a continuation of either Calculus I or Honors Calculus I. Students who did well in Calculus I and enjoy mathematics should consider moving to the Honors version of Calculus II. Calculus II covers techniques and applications of integration as well as the study of infinite sequences and series. The Honors course will cover these topics in more detail, going over some of the theory underlying the techniques, working on more advanced or conceptual exercises, and using the computer program Maple for exploration of the concepts in the course. *Math requirement (recommended for Science and Engineering majors)*

- **PHL 213H- *Environmental Ethics*- Tue, Thur 10:00am-11:15am –Robichaud**
  This course will examine different conceptions of nature, and different theories about the relationship of humans to their natural environment, that have shaped historically important moral theories as well as contemporary philosophical writings in the area of environmental ethics and works of literature. Questions addressed will include: What are rights? Who/what should have them? What kinds of things, if any, are intrinsically valuable? What responsibilities do we have to future generations? *Humanities and Writing Across the Curriculum*

- **PHY 244H- *University Physics II*- Tue, Thur 12:30pm-2:20pm & Thu 3:00pm-4:50pm- Streletzky**
  To explore the physical principles governing electrical, magnetic, and optical phenomena. To learn the basics of wave theory. To see how the scientific method has been developed over the centuries to produce our comprehensive knowledge of electricity and magnetism. To learn how to read, analyze and evaluate technical information. To develop your problem-solving skills so that you can read and analyze a technical problem, sort out the given data, identify what quantity is being requested, identify the physical principles that are involved, formulate an equation to get the requested quantity, perform the mathematical calculations to obtain that quantity, and to critically evaluate the physical meaning of the obtained result. To acquire writing skills on a technical subject (writing-to-learn, writing-to-

communicate) such as communication of technical information in a style of a scientific report/article. To advance your scientific laboratory skills, including careful data taking, error analysis, and knowledge of basic measurement theory. To develop your reasoning and critical thinking skills for identifying crucial information and physical concepts in order to apply them to a context-based problem and in order to interpret the meaning of the obtained result. To learn how to present scientific information and results to others orally. *Natural Science*

- ***PSY 101-Intro to Psychology*- MWF 11:20am-12:10pm- CSU Staff**
  This course will introduce you to basic principles and theories of psychology, as well as allow for discussion of important psychological phenomena relating to the study and understanding of psychology. The specific learning outcomes for this course include: Describe psychological theories, principles and concepts relevant to the following topics: history and methods, physiology (biology of behavior, consciousness), perception, cognition (learning, thought, language), social, organizational, developmental, personality and psychopathology and its treatment. Articulate knowledge of classic as well as contemporary research in each of the major subfields of psychology. Apply basic psychological principles to human history, current events, and daily human experience. Recognize diversity and individual differences and similarities in a variety of contexts. Assess and critically analyze theories, research methods and findings (outcomes), and applications developed by psychologists and made available through textbooks, newspapers, professional and lay periodicals, and the internet. *Social Science*