

Fall 2018-GenEd “H” Courses

- **CHM 261H – General Chemistry I – MWF 12:25-1:15**
Lab (Section 16) on Wednesdays, 4-6:50 has been reserved for Honors students, so they should enroll in that section. Ball. Honors version of CHM 261. Stoichiometry, atomic theory, states of matter, electronic structure, oxidation-reduction, and thermodynamics. *Natural Science*
- **ENG 102H- College Writing II Honors – TTh- 10:00-11:15**
An Honors version of the second half of the required writing sequence for undergraduate students. The course will incorporate a “reacting to the past” module, in which students will re-enact a historical event (past events have included the partition of India, the Royal Society’s debate about Darwin, etc.) – this will include doing research and writing about one of the participants in the event, as well as re-enacting the event itself during class time. *English II requirement*
- **HIS 111H- US History to 1877- MWF 1:30-2:20**
This course uses Banard College’s “Reacting to the Past: role-playing games to allow students to conduct an in-depth intellectual examination of the U.S. Constitution and its obvious importance in American History. In *The Founding of America: The Constitutional Convention of 1787*, students will explore the reasons why the framers believed a new form of government was necessary, and the the debates over political theory, practical concerns, and partisan interests that went into the creation of the document. In *The Impeachment and Trial of Andrew Johnson*, students will exam the the direst crisis the Constitution faced: Civil War & Reconstruction. The trial of the president requires students to consider, as did Senate jurors, questions of citizenship, the meaning of freedom for the former slaves of the Confederacy, the obligations of the federal government v. the rights of states, and the separation of powers. The course will also require students to become familiar with the historical contexts of these two events by acquiring a basic knowledge and firm understanding of the events preceding and proceeding from the Constitutional Convention and the trial of Andrew Johnson. *Arts & Humanities and S.P.A.C.*
- **MTH 181H – Calculus I (Honors)- MTuWF- 10:15-11:05**
Prerequisites: A grade of C or better in MTH 168 or suitable placement-test score, Honors standing or permission of university Honors Program. Topics to be covered include limits, derivatives, continuity, applications of the derivative, anti-derivatives and the definite integral. It covers the same basic topics as MTH 181, but with greater emphasis on rigorous treatment of the underlying mathematical ideas and real world applications. Course includes an introduction to the use of a computer algebra system, such as Maple or MATLAB. *Math requirement (recommended for Science and Engineering majors)*
- **PHL 254H- Philosopy of Gender and Race~ TuTh 8:30-9:45**
Philosophers have approached questions about race, gender, and sex in a variety of ways including ontological questions about race and gender (ex: Are these "natural" or "essential" characteristics? Or are they social/cultural constructs? How are race and gender related to questions about identity?) and questions about social justice (ex: Theories of oppression including how various types of oppression and privilege can intertwine.) This class will focus on some combination of these questions, but may be weighted more heavily toward one than the other in any given semester. This class will also use a broad understanding of race and gender as it will likely include discussion of ethnicities, nationalities, and sexuality. *US Diversity*
- **PHY 244H- University Physics II- Tu Th 12:30-2:20 & Thu 2:30-4:20**
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*