Fall 2014 HONORS COLLEGE COURSES

Seminar Courses

HON 105
Modes of Knowledge
Tu/Th 11:30 am -12:50 P.M.
Section 01 – Peter Khost
Section 02 – Gary Halada
Section 04 – Stefan Hyman
Room: Melville Library W3502
Room: Roth Conference Room (Room 121)
Room: SBS N117

HON 201
Arts and Society
Section 01 – Nobuho Nagasawa
Wed 4:00 - 6:50 P.M.
Room: Staller 0045
Section 02 – Norman Prusslin
Thursdays, 5:30 - 8:20 P.M.
Room: Melville Library W3502

HON 301
Science, Engineering, Medicine, and Society
Section 01 – Tony Scarlato
Mon/Wed 4:00 - 5:20 P.M.
Room: CS 2205
Section 02 – Donna Tumminello
Tuesdays 4:00 – 6:50 P.M.
Room: Melville Library W3502

HON 401
Global Issues
Section 01 – Joanne Souza
Tues/Thurs 11:30 – 12:50 P.M.
and Paul Bingham
Room: Roth Classroom (Room 103)
Section 02 – Gino Balducci
Mon/Wed 2:30 – 3:50 P.M
Room: Melville Library W3502
Mini courses

HON 110—The 360 Degree Leader
Helmut Norpoth and Pamela Wolfskill

Mondays 11:00 - 11:53 A.M. Room: SBS N702

**Description:** Did you know that you can learn to develop your influence from where every you are in a job regardless of your age or experience? This course is designed to increase your understanding on what it takes to be a 360 degree leader. We will discuss common styles of leadership and how to develop your own personal leadership style. You will be encouraged to use critical thinking skills via numerous exercises that will help you understand your leadership style, hone your communication skills and introduce practices and examples for becoming an exemplary leader. Class assignments will help you quantify your four endowments, identify your unique talents, create a personal mission statement and recognize world class leaders.

HON 111—Computers playing Jeopardy!
Paul Fodor

Mondays 9:00 - 10:50 A.M. Room: CS Lab 2116

***First 7 weeks***

**Description:** This class is about the IBM Watson project. IBM Watson is a computer system capable of answering rich natural language questions and estimating its confidence in those answers at a level of the best humans at the task. On Feb 14-16, 2011, in a televised event, Watson triumphed over the best human players of all time on the American quiz show, Jeopardy! In this course we will discuss the main principles of natural language processing, computer representation of knowledge and discuss how Watson solved some of its answers (right and wrong).

**Biography:** Dr. Paul Fodor is a Research Assistant Professor in the Computer Science Department at Stony Brook University (SUNY of New York). He received a B.S. degree in computer science from the Technical University of Cluj-Napoca in 2002, M.S. and Ph.D. degrees in computer Science from the Stony Brook University in 2006 and 2011, respectively. His work on declarative rule languages and logic used as a specification language and implementation framework for knowledge bases was applied in areas ranging from natural language processing to complex event processing and semantic Web. Through his research, Dr. Fodor has contributed to several large software projects: IBM Watson, OpenRuleBench suite of benchmarks for analyzing the performance and scalability of rule systems for the semantic Web, ETALIS declarative complex event processing, and SILK Semantic Inferencing.
HON 112— *Technological Design: An Ergonomic Perspective*

Tom Liao

Tues/Thurs 1:00 P.M. – 2:20 PM  
Room: Melville Library W3502

***First 5 weeks***

**Description:** Technological systems and devices should be designed to match human capabilities and limitations. The focus on how human factors [physical and psychological] affect the design of technology is called ergonomics or human factors engineering. In beginning of the 21st century, the concepts and principles of “universal design” are being applied to all forms of technology that are used by people. In this mini-course, we will focus on how living space and communications, transportation, computer, and fitness technologies are designed from an ergonomic perspective.

HON 113— *The Management of Technological Innovation*

Vincent Giardini

Tuesdays 4:00 – 5:50 P.M.  
Room: Melville Library N3033

***First 7 weeks***

**Description:** This course will explore the process of “Ideation”... how innovation can be raised to the level of “art form”. It will include concepts for “group imagining” to spark creativity. It will also cover the business aspects of research and development. Such as the process for defining the stages of innovation, innovation lifecycle, technology readiness levels, etc. How does an idea lead to a marketable product? The class will be conducted using a blend of lectures, group brainstorming sessions, and hands-on “imagination exercises”. Submission of two brief reaction papers and participation in group exercises will be required.

HON 114— *Intro to Nanosciences*

Kevin Yager

Wednesdays 11:00 – 11:53 A.M.  
Room: Melville Library W3502

**Description:** This mini-course provides an introduction to nanoscience and nanotechnology: understanding the behavior of matter at the nanoscale, and the promise of future technology made possibly by molecular-scale control. Selected topics will be reviewed, including lithography, self-assembly, molecular nanotechnology, and methods for imaging at the nanoscale. Consistent with the interdisciplinary nature of the field, discussion of concepts from physics, chemistry, materials science, biology, and computer science will be integrated.
HON 115 – *Sexuality In Literature*

Marta Kondratyuk

Thursdays 9:30-11:23 A.M. Room: Melville Library W3502

***First 7 weeks***

**Description:** The concept of “sexuality” has become one of the essential and salient ingredient in modern subjectivity. How has Western literature grappled with, embraced, or stubbornly resisted the sexualization of subjectivity? From Bible to Sexton and Whiteman, we will map the uneasy alliance between – and intertwining histories of – literature and sexuality.

HON 116— *The Modern American Military*

James McKenna

Thursday 4:00 – 4:53 P.M. Room: Melville Library W3502

**Description:** The purpose of this seminar is to identify and analyze the principal components and characteristics of the modern American military. We will explore such issues as basic military culture, the nature of the all-volunteer force, the changing role of women in the armed forces, and the military justice system. We will examine the new roles of the military after more than ten years of combat and projected new budgetary constraints.

HON 117 – *Free Writing*

John A. Williams & Ginger Williams

Thursdays 4:00 – 6:00 P.M. Room: TBD

**This course will not meet in the first two weeks of classes!**

**Description:** TBA

HON 118 — *Modern Spain*

James McKenna

Mondays 4:00 – 4:45 P.M. Room: Melville Library W3502

**Description:** A recent study of modern Spain asserts that "no other European country has changed as much in living memory as Spain." Ravaged by a bloody Civil War (1936-39), followed by almost forty years of authoritarian dictatorship (1939-75), the Spanish people quickly established a modern democracy, and Spain is now a full-fledged member of the European community of nations, successfully navigating the demands of change and continuity. In this seminar, we will study the complex demands of these competing processes.
**HON 119— Writing for your Profession**

Robert Kaplan

Monday 12:00-12:53 P.M. Room: Melville Library W3502

**Description:** Writing is key to succeeding in many professions, as it is through the written word that people communicate when they are not face-to-face. These written communications often occur through what is known as “genre,” which is generally thought to be a mode of classification but is actually a way of producing and communicating knowledge based upon shared expectations and relationships. This is why you don’t submit a paper for a professor written in the way that you text a friend. Thus, the lab report is a genre, as is the scientific article, the literary analysis, the memo, the email. Entering into your major and profession, then, in part requires understanding its genres, for it is through genre that members of a profession communicate with, and share knowledge with, each other in proscribed ways. In this mini-course we will first read about genre, and then each student will write an analysis of a genre specific to his or her potential major or career. Students also will interview a faculty member in that field to find out from that perspective what it means to work in the field and how that genre is utilized within it.