

Fall, 2017 Honors Seminar Descriptions

HONR 136 Fashion and Print - What ARE they wearing? - Myles Calvert

Explore recent history of printed clothing through social media and popular culture. Get a hands-on approach in all aspects of designing, printing, and wearing your own screen printed creations. We will discuss color theory, practical design elements, Photoshop, and of course all the current trends shaping what is commercially sold in stores. A final critique of your 'mini collections' in the form of a gallery opening will showcase your talents. A lab fee will be required to cover some materials. Limit of 12 for a studio-based course.

HONR 142 Jobs and the Environment—Joe Rosiczkowski

The class will address the question as the ability of the United States to balance job creation against damage to the environment. Scott Pruitt, new head of the Environmental Protection Agency [EPA], stated in his first meeting with EPA employees that there should not be a contradiction between environmental protection and job creation. Pruitt felt that the EPA and the nation can be both pro-energy and jobs and pro-environment. I would like to explore through the media how the EPA is walking this fine line between job creation and environmental protection. Class projects and classroom discussions will examine the expected expanded role for fossil fuels in power generation and the resulting impact on the environment.

HONR 143 The Pharmaceutical Industry—John D'Angelo

How are drugs discovered? How are their safeties determined? How much does it cost? Who pays for it? Why do medicines cost so much? *Have you ever asked yourself any of these questions?* Perhaps only rivaled by the political system, the pharmaceutical industry is one of the most critically considered industries and enterprises in society today. But is that image deserved? All these questions and more will be answered as we discuss the pharmaceutical industry and drug development. The good, the bad, and the ugly of this necessary industry will be covered. No prior experience in a science class is necessary. Student work will include participation in class discussions and a term paper and presentation on a pharmaceutical compound of the student's choosing.

HONR 131 The Science and History of Alcohol—Garrett McGowan

Medicinally, as a source of nutrients, in worship and religion, and as a social lubricant, alcohol (ethanol) has been used by people from the earliest times to present. It was likely a fortuitous accident tens of thousands of years ago, that it came into human culture, and while abused by a

minority of drinkers, most derive pleasure from its consumption. In this course, the history and science of ethanol will be examined. A combination of laboratory exercises and lectures will comprise this course; and may include but not be limited to “crafting a homebrew,” analysis of beer/wine/spirits, field trips to vineyards and invited speaker visits.

HONR 159 Monsters, from Folklore to Reality--Andrew Eklund

We'll examine history, religion, culture, and science through the medium of monsters and the psychology of fear. We'll also look at how we respond to the presence of monsters. Alpha predators, genetic engineering, artificial intelligence, the supernatural, & invasive species will be analyzed using movies, television, and books (“On Monsters”, “Monsters in America”). We'll focus on the scariest monsters---HUMANS. Through group presentations, designing our own monsters, and a team trivia final in addition to sharing journal entries, we'll discuss how racism, anti-immigration, women's suffrage, and nuclear fears are expressed using monsters. We'll partake in pumpkin carving, haunted houses and ghost tours.

HONR 124 Tai Chi: A Way of Life—Steve Crosby

This course is intended for the beginning student of T'ai Chi, wishing to learn the form. The primary focus of the course will be on learning the movements of the form, but this will be supplemented with information dealing with its historical and philosophical background, the energy of "Chi", the internal power of "Jing", and the applicability of T'ai Chi in our lives. T'ai Chi is a way of life that has been practiced by the Chinese for thousands of years. Their goal was to develop a system of a unified philosophy of how to live a balanced life in and a simplification of beliefs. This was the birth of what we know today as T'ai Chi thought. T'ai Chi means, according to traditional Chinese philosophy, "the ultimate", improving oneself, and progressing toward “the unlimited”. It means “the immense existence and the great eternal”.