Fall 2002 Core Map Descriptions

FYE 101-01  FYE: Genetics & Modern Mind  
(FYE: Humanities, Science, English Composition)

As we stand on the threshold of a new era of genetic engineering and cloning in science, we hold in our hands an awesome power. In an effort to grasp this power we shall examine the issues of genetics from three perspectives – scientific, ethical and historical. The scientific component will use experiments and demonstrations to illustrate the biology and chemistry of genetics. The philosophical perspective will discuss the moral arguments relating to genetics: at what point are we re-creating ourselves? What are the moral risks involved with this re-creation? Then, using novels, films, and current media as our sources, we shall look at the issues in history and literature over the last two hundred years in an effort to place the debate into a larger context.

This is a topic driven course that integrates the perspectives, modes of understanding and methods of investigation represented by the Humanities and Science. At the heart of the course is English Composition. All writing assignments relate directly to the subject matter covered in the course, culminating in a final research paper or essay that integrates the knowledge gained in the entire cluster.

Though the course is designed as a seamless nine-credit educational experience, individual credits are listed below for transfer purposes:

- Humanities = 3 credits
- Science = 3 credits
- English Comp = 3 credits

FYE 101-02  FYE: Contemplations and Conflations: Ideas of Nature  
(FYE: Humanities, Science, English Composition)

An exploration of the natural forces that shape our world and our lives, this course investigates various ideas about the world that exists outside human invention. We will focus on such topics as how nature was formed, the affiliation of nature with divine forces, the observation of the physical world, the nature of nature, the nature of the human mind, and the nature of knowledge. During the semester students will evaluate their own relationship to the natural world.

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Though the course is designed as a seamless nine-credit educational experience, individual credits are listed below for transfer purposes:

FYE 102-01  FYE: Roots of Violence/Path Toward Peace  
(FYE: Humanities, Social Science, English Composition)

This course will engage students in a critical examination of the socio-economic, political, and cultural roots of violence. Students will also explore conditions and processes that foster peace, including non-violent mechanisms for conflict resolution. The scope of the course will range from the interpersonal dynamic between individuals to international conflicts. Students will participate
in a two-day intensive training in conflict resolution and may also choose to participate in Peace Jam, a weekend workshop led by a Nobel Peace Laureate.

This is a topic driven course that integrates the perspectives, modes of understanding and methods of investigation represented by the Humanities and Social Science. At the heart of the course is English Composition. All writing assignments relate directly to the subject matter covered in the course, culminating in a final research paper or essay that integrates the knowledge gained in the entire cluster.

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**FYE 103-01 FYE: Imaging Race**  
(FYE: Humanities, Creative Expression, English Composition)

Where do ideas of race come from and how do they impact our contemporary lives? Using art, film, literature and mass media to gain insight into this difficult area of human relationships, this course will cover the history and impact of imaging and visualizing race among humans.

This is a topic driven course that integrates the perspectives, modes of understanding and methods of investigation represented by the Humanities and Creative Expression. At the heart of the course is English Composition. All writing assignments relate directly to the subject matter covered in the course, culminating in a final research paper or essay that integrates the knowledge gained in the entire cluster.

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**FYE 104-01 FYE: Border Crossing**  
(FYE: Social Science, Science, English Composition)

In 1848, without moving their adobe houses, the Hispanos of New Mexico crossed into the United States, or more accurately, the border crossed them. Using perspectives from history, ecology and political science, we will explore the idea of borders worldwide and how they impact people, cultures and ideas of space. The Mexican-US border will be one specific case study.

This is a topic driven course that integrates the perspectives, modes of understanding and methods of investigation represented by Social Science and Science. At the heart of the course is English Composition. All writing assignments relate directly to the subject matter covered in the course, culminating in a final research paper or essay that integrates the knowledge gained in the entire cluster.

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FYE 105-01  FYE: Living With the Bomb: The Cold War & the Nuclear Age  
(FYE: Social Science, Creative Expression, English Composition)

Dr. Strangelove, the Cuban Missile Crisis, Sylvia Plath, Allen Ginsberg and the Incredible Shrinking Man; the world in which we all live in today was shaped by the “the bomb” and that era known as the cold war. From the perspectives of political science, history, film and poetry, we will explore the paranoia, naivete and wisdom of an era that has influenced how we see ourselves as artists, political actors and human beings.

This is a topic driven course that integrates the perspectives, modes of understanding and methods of investigation represented by Social Science and Creative Expression. At the heart of the course is English Composition. All writing assignments relate directly to the subject matter covered in the course, culminating in a final research paper or essay that integrates the knowledge gained in the entire cluster.

Though the course is designed as a seamless nine-credit educational experience, individual credits are listed below for transfer purposes:

Social Science (Political Science/History)  =  3 credits
Creative Expression (Film)  =  3 credits
English Comp  =  3 credits

FYE 106-01  FYE: The Body: Human Form in Art and Science  
(FYE: Science, Creative Expression, English Composition)

The human body is endlessly fascinating. From the dawn of time, humankind has investigated its origin and evolution, function and aesthetic qualities. We will explore the body and its myriad forms in biology, art, dance, and literature.

This is a topic driven course that integrates the perspectives, modes of understanding and methods of investigation represented by the Science (Biology)* and Creative Expression (Art)*. At the heart of the course is English Composition. All writing assignments relate directly to the subject matter covered in the course, culminating in a final research paper or essay that integrates the knowledge gained in the entire cluster.

Though the course is designed as a seamless nine-credit educational experience, individual credits are listed below for transfer purposes:

Science (Biology)  =  3 credits
Creative Expression (Art)  =  3 credits
English Comp  =  3 credits

FYE 106-02  FYE: Ecologies of Place  
(FYE: Science, Creative Expression, English Composition)

Different ways of engaging with the environment generate and are sustained by how we see the world. In this course we will use art, science and literature to explore and deepen our connections to place. Examining the impact of how we interact with the environment and with one another, we will assess where we are now and look for new and creative directions in problem areas. Investigations will take place both in the classroom and on field trips.

This is a topic driven course that integrates the perspectives, modes of understanding and methods of investigation represented by Science and Creative Expression (Art). At the heart of
the course is English Composition. All writing assignments relate directly to the subject matter covered in the course, culminating in a final research paper or essay that integrates the knowledge gained in the entire cluster.

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