LIBERAL STUDIES CORE/CAPSTONE (MLSC)

MLSC 500 - INTRODUCTION TO GRADUATE LIBERAL STUDIES
Short Title: INTRO TO GRAD LIBERAL STUDIES
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course is designed to equip new students with the interdisciplinary environment of the Master of Liberal Studies program and learn the conventions and expectations of graduate-level reading, writing, research and critical analysis. Required for all new students. Department Permission Required.

MLSC 501 - THE SHAPING OF WESTERN THOUGHT
Short Title: THE SHAPING OF WESTERN THOUGHT
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Study of the foundational, intellectual and artistic texts of the western tradition from Ancient Greece to Medieval Islam. Consideration of texts and images over time and in their historical development as we reflect on who we are and how we got here. Readings would include: The Gilgamesh Epic, Homer’s Iliad, Thucydides’ War, Plato’s Republic, Book of Genesis, Virgil’s Aeneid, Gospels of Luke and of Thomas, Augustine’s Confessions and The Qur’an. Department Permission Required.

MLSC 502 - OUR ENVIRONMENT: SCIENCE AND CULTURE
Short Title: OUR ENVIRONMENT: SCIENCE & CULT
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: In this course, students will learn environmental concepts, the science and culture behind them and possible reactions to related problems from a political, economic and cultural perspective. The instructor will introduce the necessary background material in biology, ecology and chemistry as needed but the emphasis will be on obtaining scientific literacy in environmental studies. Department Permission Required.

MLSC 505 - SHAKESPEARE AND FILM
Short Title: SHAKESPEARE AND FILM
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course will examine several Shakespeare plays and their theatrical productions. The instructor will teach each play as a text (and a script) first, and then study the films of these plays in an effort to understand the choices the film-makers have made in adapting Shakespeare’s plays to the screen. In this course, then, we will be concerned with studying both Shakespeare’s plays and what happens to those plays in the hands of a creative film-maker. Department Permission Required.

MLSC 506 - THE SOLAR SYSTEM, THE SUN AND THE MIND OF MAN
Short Title: SOLAR SYSTEM, SUN & MIND OF MAN
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course will explore the beauty of our near-by cosmic environment, the solar system, both as a work of nature and also from the standpoint of a challenge to the observational and analytical capabilities of human beings. The course will follow two parallel tracks: a historical/conceptual understanding of the solar system and the various paradigms or models used to describe the physical "universe." In the second track we will tour the solar system beginning with the Sun, examining each planet and its satellite(s) in detail. The course will be non-mathematical; however, a few equations maybe show to illustrate a point. Department Permission Required.

MLSC 508 - EARTH SYSTEMS DYNAMICS
Short Title: EARTH SYSTEMS DYNAMICS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course involves exposing the advanced student to the interactions among the several mechanisms that combine to produce a working Earth. It would include concepts of Physics, Chemistry, Biology, Geology, Meteorology and Ecology. Department Permission Required.
MLSC 509 - STEREOTYPES, PREJUDICE AND DISCRIMINATION
Short Title: STEREO/PRJ/DISCRIM
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: In the past century social scientists have learned an enormous amount about stereotypes, prejudice and discrimination, yet they remain poorly understood by the public at large and especially by public policy makers. We all hold stereotypes, show prejudices and discriminate although not necessarily in traditional racist or sexist ways. This course will explore what social scientists, especially social psychologists, have learned about these issues especially in the last quarter century. While we will cover traditional racial and gender issues, we will also consider material related to obesity, homosexuality, mental and physical disability and age among other topics. Department Permission Required.

MLSC 510 - MUSIC AND OTHER ARTS: COLLABORATION AND FUSION
Short Title: MUSIC & OTHER ARTS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course will introduce students to the collaboration between music and other arts - poetry, drama, mythology, the visual arts (as applied to set and costume design) and dance - that often occurs during the creation of large musical works such as symphonies, operas and ballets. By investigating six musical masterpieces, it will be possible to discuss aspects of the collaborative process and how they lead to artistic fusion. Department Permission Required.

MLSC 513 - DNA: HUMAN IDENTITY AND ORIGINS
Short Title: DNA: HUMAN IDENTITY & ORIGINS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: "Who am I?" "Where did I come from?" All branches of knowledge address these fundamental questions. This course examines how DNA informs the structure and function of humans, and how humans have in turn used DNA as a source of information to solve mysteries and improve lives. We will introduce the structure of DNA and show how it influences physical traits and is passed on from parent to child. We will review the original goals of the Human Genome Project and discuss how the surprising results that emerged from it have altered the way we view the role of genes in human development. We will examine how breakthroughs in DNA technology have allowed us to answer questions about human origins, worldwide migrations and personal genealogy and aided criminal investigations and medical treatment. This course will also use the specifics of DNA investigation as examples of science in action. Department Permission Required.

MLSC 515 - SCIENCE IN THE FIRST PERSON
Short Title: SCIENCE IN THE FIRST PERSON
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Have you wondered what it would be like to participate in a major scientific discovery, or to deal with highly competitive or cantankerous colleagues, or to convince a skeptical world that your idea is right and the rest of the world has got it wrong? By reading material written by scientists who have made major discoveries, we will look at how science is done from the first-person perspective. We will see how scientists confront troubling thoughts when they see the modern world in conflict with the nature they love, and why science has been called a "contact sport." Department Permission Required.

MLSC 517 - MODERN DRAMA ON FILM AND IN PERFORMANCE
Short Title: MODERN DRAMA
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course will focus on drama not only as text but also as performance. We will read modern plays and discuss them as they are often discussed in English courses, concentrating on theme, character, world, imagery, language and dramatic action. In order to do this, we will also examine the "texts" as scripts, working papers for actors and directors: in short, as source materials for performance. To this end we will also view movie versions of many of these plays. Department Permission Required.

MLSC 519 - PSYCHOLOGY OF BELIEFS
Short Title: PSYCHOLOGY OF BELIEFS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Beliefs are among the most primitive, important and central of mental constructs. Many of our reactions to others are based on our beliefs and our perceptions of theirs, and it is impossible to understand racism, prejudice, religious and national conflicts without considering disagreement over basic belief systems. While there are several ways to approach the study of beliefs, we will focus on problematic beliefs, sometimes called anomalous or bizarre beliefs. Examples are beliefs in ESP and the paranormal, astrology, the reality of events that could not possibly have occurred, scientific theories and medical cures that are rejected by most experts, as well as extreme religious and political ideas. Department Permission Required.
MLSC 523 - THEORY AND PRACTICE OF PUNISHMENT
Short Title: THEORY & PRACTICE OF PUNISHMNT
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course will focus on the writings of some of the most influential scholars in sociology, legal philosophy and political theory who have contributed to the creation of ideal or normative views of legal punishment and exposing the harsh realities of how non-violent and violent criminals are actually punished. Department Permission Required.

MLSC 525 - PLAGUES AND POPULATIONS
Short Title: PLAGUES AND POPULATIONS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course will examine the interaction of pathogens and human societies. It will cover the biological nature of pathogens and disease, the human immune system and therapeutic and societal interventions to prevent and cure disease. Specific diseases will be studied to determine the biology of the disease agent, its exploitation of the human host, its transmission and epidemiology and how the disease impacts the economic, political, social structure and values of the affected populations, and how the response to disease may limit its impact. Department Permission Required.

MLSC 526 - CONTEMPORARY MORAL ISSUES
Short Title: CONTEMPORARY MORAL ISSUES
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: The cardinal objective of the course is to stimulate students to analyze and evaluate the opposing viewpoints of some scholars who have expressed their views on some of the most disputed moral issues in contemporary American culture. Specifically, the required readings for the class focus on abortion, the death penalty, euthanasia, world hunger and poverty, sexual morality, drugs and addiction and affirmative action. Arrangements will be made for a tour of a prison unit and the opportunity to discuss the death penalty with several inmates. Department Permission Required.

MLSC 522 - THE GRAND DESIGN
Short Title: THE GRAND DESIGN
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: The book “The Grand Design” by Stephen Hawking and Leonard Mlodinow asks the big questions: how did our universe begin and is it the only one or are there multiple parallel universes; why is there something rather than nothing; why are we here; why are the laws of nature so finely tuned that they allow a stable universe? Guided by the Hawking/Mlodinow book, this course will explore these questions. We will address the question: do the laws of physics provide for the possibility of a multiplicity of universes of which ours, by happenstance or probability, turned out to have the right set of physical constants to provide for a stable universe and hence the possibility of life or is a Divine Creator necessary? To address these questions we will take a layman’s tour of basic concepts of cosmology, quantum mechanics, relativity, string theory, and extra-dimensions. Department Permission Required.

MLSC 533 - SELF-DETERMINATION IN ARAB WORLD
Short Title: SELF-DETERMINATION ARAB WORLD
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course investigates the history of the struggle for self determination and democracy in the Arab world. It provides a historical perspective by exploring the antecedents to the current so-called “Arab Spring,” specifically by comparing the anti-colonial nationalisms of the twentieth century with the today's pro-democracy movements. It will also examine the role of the West, including the United States, in hindering or promoting anti-colonialism, nationalism and democracy in the Arab world. Department Permission Required.

MLSC 534 - HUMAN RIGHTS IN WORLD AFFAIRS
Short Title: HUMAN RIGHTS IN WORLD AFFAIRS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: The course examines the history of human rights and humanitarianism from the eighteenth century Enlightenment era to the present. How did human rights become the premier moral language of our times and the idiom in which recent generations frame their idealism? While universal human rights may seem timeless, they have a long and checkered political and philosophical history. This seminar will explore that history through anthropology and legal studies as well as through case studies of non-governmental organizations. Special attention will be given to international law and shifts in international politics in the twentieth century. The course will also analyze the passions that motivated people to pursue human rights and the empathy that led them to uproot injustice. Department Permission Required.
**MLSC 535 - "PLEASE SIR, I WANT SOME MORE": DICKENS, OLIVER TWIST, POVERTY, AND SOCIAL JUSTICE**  
**Short Title:** DICKENS, TWIST, SOCIAL JUSTICE  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** During the worldwide celebrations of Charles Dickens's bicentenary in 2011-12 Oliver Twist received vibrant new attention because its treatment of children, welfare, poverty, domestic violence, and anti-Semitism seemed so relevant to contemporary issues. In this course we will read the novel alongside and against the economic and social theories and practices of Dickens's time, and ask many questions. Department Permission Required.

**MLSC 536 - TRADITIONAL CHINESE CULTURE AND ITS MODERN LEGACY**  
**Short Title:** TRADITIONAL CHINESE CULTURE  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** An analysis of the language, philosophy, religion, art, literature, institutions and social customs of the Qing dynasty (1644-1912), the last imperial regime and a crucial bridge between "traditional" and "modern" China. Although this course is intended in part as an exercise in appreciation, it is designed primarily to encourage critical and creative thinking about another place and time. Department Permission Required.

**MLSC 537 - PROFILES FROM THE PAST: FAMOUS FIGURES IN WESTERN HISTORY**  
**Short Title:** PROFILES FROM THE PAST  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** What has happened during the course of time, regarding culture and human experience that has been transmitted from the ancient to the modern world? What ideas and concepts concerning subjects such as politics, art, music, and philosophy have been our legacy from the western past? This course will survey the answers to these questions covering the time of classical Greece through the period of the high middle ages. Department Permission Required.

**MLSC 538 - OUR CHANGING PLANET**  
**Short Title:** OUR CHANGING PLANET  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** The Earth can be studied by considering it to be made up of certain elements or systems that interact. The systems that we will consider in this course are the lithosphere, atmosphere, hydrosphere and biosphere. Not quite earth, air, fire and water, but close. We will then explore how these systems interact and finally attempt to evaluate the human impact on the entire earth. Department Permission Required.

**MLSC 539 - IMMIGRATION AND THE STATE: EUROPE AND THE US IN COMPARATIVE PERSPECTIVE**  
**Short Title:** IMMIGRATION AND THE STATE  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** The course traces the history of immigration within and to Europe and to the United States from the late 19th century to the present. How did the United States and the European states elicit, regulate or contain successive waves of labor and colonial migrants, stateless persons and asylum seekers? And what type of legal, political and cultural debates did the "immigrant question" raise in the public sphere since the advent of mass migration? We will discuss key issue regarding immigration including political asylum, guest-worker programs, assimilation and integration debates, and immigrants and the welfare state Department Permission Required.

**MLSC 540 - IS ANYBODY OUT THERE: THE SEARCH FOR LIFE BEYOND EARTH**  
**Short Title:** IS ANYBODY OUT THERE  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** Imagine what the reaction would be if life were discovered on another planet in the solar system or on a planet orbiting another star. With the dawn of the space age tools have become available to tackle this problem with serious scientific research. This course will look at some of this research and examine the prospects for finding life. Department Permission Required.
MLSC 541 - HUMAN RIGHTS, GENDER EQUALITY AND RELIGIOUS BELIEFS  
Short Title: EQUALITY & RELIGIOUS BELIEFS  
Department: School of Continuing Studies  
Grade Mode: Standard Letter  
Course Type: Seminar  
Credit Hours: 3  
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
Course Level: Graduate  
Description: This class aims to explore the intertwined relationship between gender equality, human rights and religious beliefs globally. Additionally, the class will focus on realities and misconceptions on women's status in the Middle East and North Africa and explore the impact of the socio-cultural and political context on shaping gender relations across the region. Department Permission Required.

MLSC 542 - THE EPIC JOURNEY  
Short Title: THE EPIC JOURNEY  
Department: School of Continuing Studies  
Grade Mode: Standard Letter  
Course Type: Seminar  
Credit Hours: 3  
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
Course Level: Graduate  
Description: This class explores some of the classic texts of Western literature, books from the ancient world that have had, and continue to have a formative influence on who we are and how we got here. The works we will study all share a common theme: the epic journey. We explore different variations of this theme, follow ancient travelers on their journeys, and reflect with them about their discoveries. Department Permission Required.

MLSC 543 - THE CITY IN LITERATURE  
Short Title: THE CITY IN LITERATURE  
Department: School of Continuing Studies  
Grade Mode: Standard Letter  
Course Type: Seminar  
Credit Hours: 3  
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
Course Level: Graduate  
Description: We will read a variety of writers from both the nineteenth and twentieth centuries. For some historical background and city discourse, we will also read parts of Lewis Mumford's The City in History, Jane Jacobs's The Death and Life of Great American Cities, and the essays of Michel de Certeau, Georg Simmel, E B White, among others. Department Permission Required.

MLSC 544 - WRITING LITERATURE FOR CHILDREN  
Short Title: WRITING CHILDREN'S LITERATURE  
Department: School of Continuing Studies  
Grade Mode: Standard Letter  
Course Type: Seminar  
Credit Hours: 3  
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
Course Level: Graduate  
Description: Many of us have beloved stories we either read or that someone read to us when we were children. This course returns us to those roots and delves deeply into the meaning and purpose of children's literature with the ultimate goal of trying our hand at writing several original pieces. Students will produce a portfolio of creative work that includes poetry, fiction, and/or drama for very young and older children. Department Permission Required.

MLSC 545 - WINDOW TO THE SOUL: EXPLORING RELIGION AND ETHNICITY THROUGH MUSIC  
Short Title: RELIGION & ETHNICITY MUSIC  
Department: School of Continuing Studies  
Grade Mode: Standard Letter  
Course Type: Seminar  
Credit Hours: 3  
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
Course Level: Graduate  
Description: This course will explore the music of a variety of religious and ethnic groups in an attempt to bridge differences and create understanding among those of different traditions. Each class session will be based upon the music connected to a specific religious or ethnic group. Department Permission Required.

MLSC 546 - THE ROLE OF CHEMISTRY IN HISTORY  
Short Title: ROLE OF CHEMISTRY IN HISTORY  
Department: School of Continuing Studies  
Grade Mode: Standard Letter  
Course Type: Seminar  
Credit Hours: 3  
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
Course Level: Graduate  
Description: Could the outcome of a war be decided simply on the material chosen for the buttons on the soldier's garments? What in pantyhose was desired for WWII? How did phenols and formaldehyde lead to a worldwide revolution via plastics? These questions and more will be answered as we explore important molecules that have changed the course of human history. Department Permission Required.
MLSC 547 - PROFILES FROM THE PAST II: FAMOUS FIGURES IN WESTERN HISTORY
Short Title: PROFILES FROM THE PAST II
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course covers the span of years from the end of the Middle Ages through the eve of the French Revolution. In addition to the study of a selected group of people from these years, there will also be an examination of the Renaissance, the Reformation, the Enlightenment, and Absolutism. Department Permission Required.

MLSC 548 - HISTORY OF PHILOSOPHY SET IN INTERDISCIPLINARY CONTEXT
Short Title: HIST OF INTERSIC PHILOSOPHY
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course will introduce students to leading figures, ideas and arguments of the history of western philosophy, set in interdisciplinary context in this interdisciplinary MLS program. For a general educated audience philosophy is best approached from multiple perspectives - historical, literary, scientific, religious, artistic - and we will take this approach.

MLSC 549 - COMPARATIVE IMPERIAL PLEASURE GARDENS: POWER AND LANDSCAPE
Short Title: IMPERIAL PLEASURE GARDENS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course examines pre-modern designed landscapes used for creating, declaring, and reading social and political claims. While understanding the garden as art form and sacred space, we focus on the relationship between landscape and power in a globally comparative context. Department Permission Required.

MLSC 550 - MODERN ASTRONOMY AND OUR PLACE IN THE UNIVERSE
Short Title: MODERN ASTRONOMY
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course overviews climate science and explores strategies for transforming electricity, transportation, and agriculture to avert the impacts of abrupt climate change. Department Permission Required.

MLSC 551 - PROFILES FROM THE PAST III: FAMOUS FIGURES IN WESTERN HISTORY
Short Title: PROFILES FROM THE PAST III
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course will cover the span of years from the beginning of the French Revolution to the middle of the 20th century. In addition to the study of selected individuals such as Napoleon Bonaparte, Czar Alexander I, Cecil Rhodes, Gregor Rasputin, Vladimir Lenin, Joseph Stalin, Adolf Hitler and Mohandas Gandhi, there will be examinations of Romanticism, Nationalism, Imperialism, and Fascism. Department Permission Required.

MLSC 552 - CONSERVING BIODIVERSITY
Short Title: CONSERVING BIODIVERSITY
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Many scientists have coined the current geological age as the "Anthropocene" in reference to the impact of mankind on the planet. This course will examine biodiversity, how biodiversity influences our lives, the forces that affect biodiversity worldwide, and how we can protect it. Local species and ecosystems will be highlighted.

MLSC 553 - SOLVING THE CLIMATE CHALLENGE
Short Title: SOLVING THE CLIMATE CHALLENGE
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course overviews climate science and explores strategies for transforming electricity, transportation, and agriculture to avert the impacts of abrupt climate change. Department Permission Required.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Short Title</th>
<th>Department</th>
<th>Grade Mode</th>
<th>Course Type</th>
<th>Credit Hours</th>
<th>Course Level</th>
<th>Restrictions</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLSC 554</td>
<td>MY FAVORITE NOVELS - AND GREAT FILMS MADE FROM THEM</td>
<td>MY FAVORITE NOVELS AND FILMS</td>
<td>School of Continuing Studies</td>
<td>Standard Letter</td>
<td>Seminar</td>
<td>3</td>
<td>Graduate</td>
<td>Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.</td>
<td>In this class we will carefully examine four great novels from different eras: &quot;Pride and Prejudice,&quot; &quot;Great Expectations,&quot; &quot;One Flew Over the Cuckoo's Nest,&quot; and &quot;Atonement,&quot; to see what makes them so successful. Then we will watch and discuss the great films made from them. Department Permission Required.</td>
</tr>
<tr>
<td>MLSC 555</td>
<td>THE POLITICAL PHILOSOPHY OF THE AMERICAN REVOLUTION</td>
<td>POL PHIL OF AMER REVOLUTION</td>
<td>School of Continuing Studies</td>
<td>Standard Letter</td>
<td>Seminar</td>
<td>3</td>
<td>Graduate</td>
<td>Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.</td>
<td>This course will 1) discuss the significance of some events in Colonial American that precipitate the clarion call to dissolve forever all political ties to Great Britain; 2) discuss the ideological origins of the American Revolution in the key documents, specifically the Declaration of Independence, the Constitution, the Bill of Rights and the Federalist Papers. Department Permission Required.</td>
</tr>
<tr>
<td>MLSC 556</td>
<td>HEAVEN AND HELL: FROM DANTE TO MILTON AND BEYOND</td>
<td>LITERATURE FROM HEAVEN &amp; HELL</td>
<td>School of Continuing Studies</td>
<td>Standard Letter</td>
<td>Seminar</td>
<td>3</td>
<td>Graduate</td>
<td>Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.</td>
<td>The ultimate end of human life resides in landscapes defined by aspiration or terror, punishment or reward. Thus heaven and hell are places frequently conjured by the literary imagination. This course looks closely at the implications of such imaginings from Dante's Divine Comedy to Milton's Paradise Lost to the present. Department Permission Required.</td>
</tr>
<tr>
<td>MLSC 557</td>
<td>EARLY MODERN ISLAMIC WORLD: ART AND EMPIRE</td>
<td>ISLAMIC EMPIRES</td>
<td>School of Continuing Studies</td>
<td>Standard Letter</td>
<td>Seminar</td>
<td>3</td>
<td>Graduate</td>
<td>Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.</td>
<td>Introduction to Islamic empires of the early modern Muslim world: Ottoman, Safavid, and Mughal. Focus on art, architecture, literature, religion, kingship, family, which shape the cultural heritage of the Muslim world today. Opportunity to study works of art produced in these imperial workshops at MFAH. Department Permission Required.</td>
</tr>
<tr>
<td>MLSC 558</td>
<td>EVOLUTION AND SOCIETY</td>
<td>EVOLUTION AND SOCIETY</td>
<td>School of Continuing Studies</td>
<td>Standard Letter</td>
<td>Seminar</td>
<td>3</td>
<td>Graduate</td>
<td>Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.</td>
<td>The science of evolution has come a long way since Charles Darwin first proposed his theory for how species change through natural selection in 1859. This course will provide an overview of modern evolutionary biology, with a focus on its relevance for 21st century society. Department Permission Required.</td>
</tr>
<tr>
<td>MLSC 559</td>
<td>ENVIRONMENTAL LITERATURE</td>
<td>ENVIRONMENTAL LITERATURE</td>
<td>School of Continuing Studies</td>
<td>Standard Letter</td>
<td>Seminar</td>
<td>3</td>
<td>Graduate</td>
<td>Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.</td>
<td>Environmental Literature will focus on nature essay writers, ecopoets, and ecocriticism. The course will include poetry and other literary writing designed to inspire and creatively capture the natural environment and nonfiction nature writing that highlights major concerns about the environment and aims to transform the thoughts and behavior of society. Department Permission Required.</td>
</tr>
<tr>
<td>MLSC 560</td>
<td>WOMEN IN SOUTHERN LITERATURE</td>
<td>WOMEN IN SOUTHERN LITERATURE</td>
<td>School of Continuing Studies</td>
<td>Standard Letter</td>
<td>Seminar</td>
<td>3</td>
<td>Graduate</td>
<td>Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.</td>
<td>This course will consider the role of women in southern literature, focusing mostly on the works of women writers from the 1800’s to the 2000’s with some readings from male writers as well. Some very early works, including letters, diaries, and captivity narratives will be included, but most of the readings will be modern and contemporary short stories, novels, and memoirs. Department Permission Required.</td>
</tr>
</tbody>
</table>
MLSC 561 - HISTORY OF SOUTH ASIA: THE ORIGINS OF INDIA AND PAKISTAN
Short Title: HISTORY OF SOUTH ASIA
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: A broad introduction to the history of the cultural, religious, economic and political systems of South Asia, this course explores the centuries-long development of Hinduism and Buddhism, rise of Islamic state power and establishment of British control, culminating in resistance movements among South Asians and establishment of modern nation states, alongside the wrenching experience of Partition. Department Permission Required.

MLSC 562 - MUSIC AND MEDIEVALISM
Short Title: MUSIC AND MEDIEVALISM
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course examines the history and aesthetics of medievalist music in the context of literature, drama, and film. We consider the authentic models for medievalist works, establish the romanticizing methodology, and then observe how medievalism plays out in the concert hall, film, and other media. Department Permission Required.

MLSC 563 - A HISTORY OF TUDOR ENGLAND
Short Title: A HISTORY OF TUDOR ENGLAND
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: At the end of the long and brutal Wars of the Roses, a new royal dynasty emerged in England to great acclaim and relief - and uncertainty. Henry Tudor, who styled himself as Henry VII, began a successful reign and the beginning of a family dynasty lasting a little longer than a century. This course will study the Tudor century. Department Permission Required.

MLSC 564 - THE POLITICS OF WORLD WAR TWO IN EUROPE
Short Title: THE POLITICS OF WORLD WAR TWO
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: The course is an in-depth exploration of the Second World War in Europe. Hitler's conquest of Europe elicited political, social, economic and demographic upheavals in all parts of the continent. While closely following the military chronology of the conflict, our course will examine the radical transformations brought about by Nazi rule in Western and Eastern Europe as well as the Balkans. Department Permission Required.

MLSC 565 - PAST AND FUTURE CLIMATE CHANGE: NATURAL VERSUS HUMAN INFLUENCE
Short Title: PAST AND FUTURE CLIMATE CHANGE
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Have humans really altered the course of natural climate change? Can this course be altered? This course introduces students to the methods used by scientists to study Earth's climate history. We will examine methods used to study Earth's climate evolution over hundreds of millions to decadal time scales. Why did Earth's climate undergo extreme changes from "icehouse" conditions when much of its surface was covered by ice, to "greenhouse" conditions when the planet was much warmer than present? What was the impact of these changes on Earth's inhabitants? Lastly, we will use Earth's climate history as context for understanding the role of humans in altering the course of our planet. How reliable are climate predictions and what can be done to curtail climate change? Department Permission Required.

MLSC 566 - MUSIC IN THE ERA OF THE REFORMATION
Short Title: MUSIC IN THE REFORMATION
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This seminar concerns musical responses to the changing religious climate in the fifteenth and sixteenth centuries. Examination of the concomitant polemics in theology and government, Biblical Humanism and the Devotio Moderna, secular vernacular song, and popular preaching will shed light on the complex interactions between music and society in this age of religious reform. Department Permission Required.
MLSC 567 - THE HOUSE OF STUART
Short Title: THE HOUSE OF STUART
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.

Description: Although the Stuarts were a royal dynasty in Scotland since the fourteenth century, they arrived in England after the death of Elizabeth I. Unlike the Tudors who preceded them, the Stuarts never gained a great popularity with their subjects. There were, nevertheless, as a result of friction amongst the population, great constitutional developments during their century which continue to shape the United Kingdom until this day. Department Permission Required.

MLSC 568 - PSYCHOLOGY OF AGGRESSION AND VIOLENCE
Short Title: AGGRESSION AND VIOLENCE
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.

Description: This course provides an overview of empirical research on the social psychology of aggression and violence, flowing from evolutionary/biological perspectives, cultural perspectives, and contextual/situational perspectives. Through exposure to classic and contemporary works in this course, students will get a taste of the breadth of social-psychological research on aggression and violence. Department Permission Required.

MLSC 569 - FORESIGHT IN SOCIAL JUSTICE
Short Title: FORESIGHT IN SOCIAL JUSTICE
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.

Description: Foresight in Social Justice will explore and analyze social justice issues, and then suggest positive action for social change. This course introduces students to future studies research, enabling individuals to spot emerging opportunities and threats within the context of social justice and develop innovative responses to serve changing needs. Department Permission Required.

MLSC 570 - CHILDREN OF IMMIGRANTS
Short Title: CHILDREN OF IMMIGRANTS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.

Description: Through this course, students will learn about developmental psychology and developmental outcomes within the context of immigration. Given that the Houston metropolitan area hosts the fourth highest number of children of immigrants in the entire country, this course will provide students with the opportunity to connect theoretical knowledge with community related issues. Throughout the semester, the students will read recent scientific articles and policy-related reports that will provide background information for in-class discussions. In addition, students will engage in class exercises to brainstorm about local and national issues related to the course content. As a semester project, students will select a topic for further exploration resulting in a written essay and oral representation to the class. Department Permission Required.

MLSC 571 - MORAL LEADERSHIP IN ECONOMICS
Short Title: MORAL LEADERSHIP IN ECONOMICS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.

Description: This course explores how we can be (or become) virtuous and successful leaders. This course helps students to develop personal and professional mission and values statements as aids in good leadership. On the path to developing mission and values statements, students will explore elements of moral psychology and philosophy, emotional intelligence, character development, the formation of communal and personal identities, the purpose and practice of commercial activities from the vantage point of five spiritual traditions, practical examples of institutions applying missions and values (both successfully and unsuccessfully), ideas regarding meaning-making, measuring our success in life, creating a life purpose, and giving voice to our values. The question at the center of the course is whether we can live professional and personal lives that do not conflict, but rather work in concert with the economic dimensions of institutions, especially if we find ourselves leading others in these organizations.

MLSC 572 - BIBLICAL ETHICS
Short Title: BIBLICAL ETHICS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.

Description: This is a course on what the Bible has to say about some of the major moral issues of our time, including the environment, gender and sexuality, religious (in)tolerance, and issues of justice. Department Permission Required.
MLSC 573 - WOMEN WRITERS AND HEROINES: FROM MYTH TO REALITY
Short Title: WOMEN WRITERS AND HEROINES
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Women Writers and Heroines will focus on the poetry, fiction, nonfiction writing, and feminist criticism of selected women writers in the 20th and 21st centuries, looking at major literary themes and the characterization and history of women as writers and heroines, including the misrepresentation of women’s stories in folklore and mythology. Department Permission Required.

MLSC 574 - GREAT LITERATURE, GREAT MUSIC
Short Title: GREAT LITERATURE GREAT MUSIC
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This seminar explores the synergy between music and literature through a selection of works culled from the repertories of Western sacred and secular vocal and instrumental music composed for the church, salon, and theater. Department Permission Required.

MLSC 575 - ALL ABOUT BIRDS - AND MORE: AN INTERDISCIPLINARY SCIENCE COURSE
Short Title: ALL ABOUT BIRDS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course is an interdisciplinary science course with special focus on sciences beyond biology, connections between ornithology and birding, and interdisciplinary links, with a bird focus, to humanistic disciplines. Department Permission Required.

MLSC 576 - THOMAS JEFFERSON AND HIS WORLD, 1740-1830
Short Title: JEFFERSON AND HIS WORLD
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: An examination of the thought and career of Jefferson set in the context of his time in all its complexity. This course will contextualize Jefferson within the era of the Revolution and the consequent creation and growing into maturity of the new nation, including the writing and ratification of the Constitution, the setting of the new government underway, the evolution of political parties, the changing role of the presidency, the evolution of the Supreme Court, international events, economic and cultural changes, and the decline of the political era of the so-called Founding Fathers.

MLSC 600 - INTRODUCTION TO GRADUATE RESEARCH, ANALYSIS AND EXPOSITION
Short Title: INTRO GRAD RESEARCH & WRITING
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: The goals of this course will be to develop the students’ abilities to perform library or Internet scholarly research at a graduate level; conduct graduate-level analysis of representative graduate-level readings and topics similar to those encountered in the MLS program; demonstrate the advanced analytical and critical thinking abilities required inside and outside the graduate classroom; express the results of scholarly research and analysis and original ideas in the written formats that meet the criteria for graduate-level essays, papers and reports; use oral expression, discussion and presentation techniques at the level expected in graduate classrooms. Department Permission Required.

MLSC 604 - EXPLORATION AND DISCOVERY IN ANTARCTICA
Short Title: EXPLOR & DISC IN ANTARCTICA
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course will introduce students to the seventh continent through the history of austral exploration and through an explanation of the scientific research that has happened, is happening and will happen there. This course will begin with a basic scientific description of the highest, driest, coldest, windiest continent on Earth. Participants will then study journals of some of the original explorers as well as recent works analyzing the “glory days” of polar exploration. The class will then move from the period of exploration, through the early scientific work, and on to the modern hypothesis-driven science that is taking place now and is being planned for the future. The class will close with an examination of tourism and its effects on the nature of the Antarctic ecosystems and cryosphere. Department Permission Required.
MLSC 606 - THE HEBREW BIBLE AND ITS INTERPRETERS
Short Title: HEBREW BIBLE/ITS INTERPRETERS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This seminar seeks to acquaint students with the principal parts of the Hebrew Bible/Old Testament, with the modern, historical-critical study of the Bible as an academic discipline, and a few episodes in the recent history of the Bible in the West. Our reading of the biblical literature will primarily be historical-critical in the sense that it emphasizes that the Hebrew Bible is rooted in the ancient Near East, its history and literature. At the same time we will be sensitive to traditional, Jewish and Christian readings of the Bible as they evolved over two millennia and examine how these faith-based traditions arose, how they differ from modern critical approaches and how the two can complement each other. Department Permission Required.

MLSC 610 - PSYCHOLOGY OF HAPPINESS
Short Title: PSYCHOLOGY OF HAPPINESS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Truth, beauty and, yes, happiness, are issues that have engaged thoughtful people over the centuries. What is happiness (and what makes us happy)? Until recently we have relied on philosophers and religious thinkers for answers to that question, and many of them have provided useful recipes that seem to work for at least some people some of the time. The last century or so has seen many psychologists and self-help gurus who have also handed out (well, more often sold) recipes that generally seem to be less satisfactory than the wisdom of the ancients. Interestingly until recently psychologists have tended to ignore this seeming important topic, but in the past 10 or so years social and personality psychologists, neuroscientists and even economists have begun to pose empirically answerable questions about happiness and to find some data-based answers to what makes people happy. In this course we will read some of the traditional wisdom provided by religious and philosophical thinkers, but we will focus primarily on questions and issues that are subject to empirical resolution. Department Permission Required.

MLSC 612 - THE DEAD SEA SCROLLS
Short Title: THE DEAD SEA SCROLLS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: The discovery of the Dead Sea Scrolls a little over a half a century ago in the Judean desert has been celebrated as the most significant manuscript discovery of the 20th century. Students will study the fascinating history of the discovery and publication of the Scrolls. They will read the most important Scrolls, learn about the beliefs and practices of the Jewish group that authored them and discuss what can be learned from the Scrolls about the nature of Early Judaism and the origins of Christianity. Department Permission Required.

MLSC 613 - CHANGING VIEWS OF VICTORIAN ENGLAND
Short Title: CHANGING VIEWS VICTORIAN ENGLD
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Course Level: Graduate
Description: Ever since the early days of Margaret Thatcher’s prime ministership when she frequently ballyhooed the virtues of “Victorian Values,” scholars have been revisiting the stereotypical history of life and lifestyles during Victorian Great Britain. For much of the last century we have perceived Victorians as living soberly prudent lives, living in overstuffed houses, filled with overstuffed furniture. We have commonly depicted the Victorians as persons who revered the institutions of religion, family, country and social convention. This course stresses the result of the most recent historical research which challenges the more traditional views. Department Permission Required.

MLSC 614 - PUBLIC SPEAKING
Short Title: PUBLIC SPEAKING
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course is designed to give the student exposure to and experience using basic principles and skills of oral communication in the public context. Emphasis will be on the development of speech organization, support and delivery. Informative and persuasive speeches will be practiced. An important outcome of the course is that the student better understand and appreciate the important role public speaking plays in modern society. Instructor Permission Required.
MLSC 615 - TEN MASTERPIECES OF NORTHERN RENAISSANCE ART  
Short Title: MASTERPIECES OF REN ART  
Department: School of Continuing Studies  
Grade Mode: Standard Letter  
Course Type: Seminar  
Credit Hours: 3  
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
Course Level: Graduate  
Description: This course will introduce students to the great "masterpieces" of painting produced in Northern Europe during the Renaissance of the fifteenth and sixteenth centuries. Each week we will focus on a single work of art from this period and explore a constellation of issues around the creation and reception of the painting. Students will learn in-depth methods of visual analysis and interpretation of works within their historical context. These same skills and strategies may be applied to the full range of western painting and provide useful tools for enriching visits to museums or experiences of European travel. Department Permission Required.

MLSC 616 - OCEANWAYS OF THE BRITISH EMPIRE  
Short Title: OCEANWAYS OF BRITISH EMPIRE  
Department: School of Continuing Studies  
Grade Mode: Standard Letter  
Course Type: Seminar  
Credit Hours: 3  
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
Course Level: Graduate  
Description: Never in the history of imperial expansion has there ever been anything that compared to the British Empire at its height in the days of Queen Victoria. In size the Empire was supreme, ruling the largest area and the largest number of people. This course will examine these aspects of the Victorian Empire and compare them with imperial activities of the present day. Department Permission Required.

MLSC 617 - CREATIVE NONFICTION  
Short Title: CREATIVE NONFICTION  
Department: School of Continuing Studies  
Grade Mode: Standard Letter  
Course Type: Seminar  
Credit Hours: 3  
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
Course Level: Graduate  
Description: Creative nonfiction takes many forms, including expository writing, personal essay, narrative story-telling, literary journalism, memoir, nature and science writing, travel and food writing, historical narrative, biographical narrative, and academic and cultural criticism. This course is designed to help students read and write creative nonfiction with a focus on the voice, structure, messages, style, and technique found in contemporary creative nonfiction. The material covered applies to the humanities, the social sciences, and the sciences. Department Permission Required. Repeatable for Credit.

MLSC 618 - THE AWAKENING OF RUSSIA  
Short Title: THE AWAKENING OF RUSSIA  
Department: School of Continuing Studies  
Grade Mode: Standard Letter  
Course Type: Seminar  
Credit Hours: 3  
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
Course Level: Graduate  
Description: There was a spectacular flowering of Russian culture in the aftermath of the death of Czar Nicholas I (1825-55). Ushered in was a relatively liberal ear which, combined with a powerful natural upsurge, yielded a period of remarkable creativity. Department Permission Required.

MLSC 620 - MASTERPIECES OF THE POETIC TRADITION  
Short Title: POETIC TRADITION MASTERPIECES  
Department: School of Continuing Studies  
Grade Mode: Standard Letter  
Course Type: Seminar  
Credit Hours: 3  
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
Course Level: Graduate  
Description: This course will introduce students to the appreciation and analysis of poetic masterpieces. We will focus on poetry produced in the English and American literary tradition, with particular attention paid to the poems, poets, and cultures that influence the development of those traditions. Department Permission Required.

MLSC 621 - ART MUSIC IN WESTERN EUROPEAN CULTURE II  
Short Title: ART MUSIC EUROPEAN CULTURE II  
Department: School of Continuing Studies  
Grade Mode: Standard Letter  
Course Type: Seminar  
Credit Hours: 3  
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
Course Level: Graduate  
Description: This is the second course in a sequence devoted to advanced musical understanding. In the first part of this sequence (Art Music in Western European Culture I) we will examine a wide range of music from a single time period. In this, the second part of the sequence, we will instead concentrate in depth upon one piece of music per class and will combine a focus upon advanced listening skills with music specific research techniques. The first weeks of the class will review musical listening, discourse, and the specialized skills necessary for musical research. Subsequently, each class session will focus upon a major work by a significant composer such as Mozart, Beethoven, Schubert, Mahler, and Debussy, among others. Department Permission Required.
MLSC 622 - THE SCEPTER'D ISLE: ANCIENT AND MEDIEVAL BRITAIN
Short Title: ANCIENT AND MEDIEVAL BRITAIN
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: From the murky prehistoric times of Stonehenge and New Grange to the tumultuous times of Henry II and Eleanor of Aquitaine, the dramatic combinations of history and myth have continually fascinated lovers of the British Isles. This course will explore ancient and medieval Britain, meandering from prehistoric sites to the early invaders, from the delightful legends of Glastonbury to the centuries of Roman invasions, from the Anglo-Saxon heptarchy to the Norman invasion, and from the hegemony of the Roman Catholic church to the challenge of secular kings. Department Permission Required.

MLSC 623 - WHAT MODERN WAS: CELEBRATING THE CENTENNIAL
Short Title: CELEBRATING THE CENTENNIAL
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: What constituted "modern music" in 1912? Works such as Arnold Schoenberg's Perrot lunaire, Claude Debussy's Jeux, and compositions by American composers Henry Cowell and Charles Ives set the bar for musical modernism that year. But other pieces from France, Germany, Russia, Spain, Hungary and England suggested that the future would present major changes. What did audiences in the United States know about such music? What did they think about it? What did the founders of the Rice Institute think about the new musical trends? How did the music played at the opening festivities of the Rice Institute reflect these perceptions of musical modernism? This course will consider these questions from a variety of parameters and get a sense of "what modern was" and its relationship to the momentous events of 1912 in Houston, Texas. Department Permission Required.

MLSC 624 - ADVANCED CREATIVE NONFICTION
Short Title: ADVANCED CREATIVE NONFICTION
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course offers students an opportunity to continue to practice writing creative nonfiction in a guided workshop format. The primary emphasis in the course will be on the professor and students reading and providing constructive feedback on the students' creative nonfiction writings. In addition, the students will read further examples of various types of creative nonfiction writing and complete writing exercises designed to allow them to work on the voice, structure, and technique of their writing. This course is designed for students with experience in writing creative nonfiction, such as completion of MLSC 617 or a similar course or creative writing workshop experience elsewhere. For those who have not taken a creative nonfiction course in the MLS program, consultation with the instructor is recommended before enrolling. Department Permission Required.

MLSC 625 - THE SHAPES OF POETRY: A WORKSHOP
Short Title: THE SHAPES OF POETRY
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course examines fundamental architecture of poetry. How do poets create a sense of shape? What are the nuts and bolts of a poem? Students will read widely in the history of poetry, from traditional meters and historical forms to contemporary free verse and experimental or open forms. Part workshop and part seminar, this course will feature critical and creative assignments and is designed for writers and non-writers of any level of experience. Department Permission Required.

MLSC 626 - THE BROTHERHOOD: LIVES AND LOVES OF THE PRE-RAPHAELITES
Short Title: PRE-RAPHAELITES LIVES & LOVES
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: The Pre-Raphaelite Brotherhood (PRB), founded in 1848, was a small group of British artists who boldly challenged the conventions of Victorian-era art and the materialism of industrialized England. While the PRB influenced the British art world for the remainder of the century, this course will focus on the intriguing personal lives of the artists, including Dante Gabriel Rossetti, William Holman Hunt, and John Millais, rather than the art they created. These artists, along with their wives, paramours, and models (often all one and the same) were part of a highly prolific Victorian creative class which for this course will revolve around the locale of central London and the influence of the towering figure of art and architecture - critic John Ruskin. Department Permission Required.
### MLSC 627 - JOHN RUSKIN AND HIS WORLD
**Short Title:** JOHN RUSKIN AND HIS WORLD  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** This course will examine John Ruskin (1819-1900), who rose from a troubled childhood to become one of the most influential critics of art and architecture of his century, forever fulminating the notion that art had a moral purpose and especially that art and architecture produced in France and Italy in the Middle Ages. Department Permission Required.

**Short Title:** THE BIRTH OF MODERNISM  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** One hundred years have passed since the momentous decade that brought us the beginnings of modernism, the "war to end all wars," and post war cynicism. This course will examine those tumultuous years from the perspective of the wide array of music written to satisfy all types of tastes and circumstances. Department Permission Required.

### MLSC 629 - EFFECTIVE THINKING
**Short Title:** EFFECTIVE THINKING  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** The basis of success in everything, academics, personal relationships, professional life, business leadership, or anything, is effective thinking. This course will address the process and practice of how to think effectively, analytically, and creatively. Department Permission Required.

### MLSC 630 - POST-BOP: JAZZ'S GOLDEN AGE
**Short Title:** JAZZ'S GOLDEN AGE  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** In this course we will explore the music of some of the most influential and important jazz musicians of the period, and we will also study the social, cultural and political context within which the music was created. We will focus in particular on Charlie Parker, Thelonious Monk, Billie Holiday, Miles Davis, Charles Mingus, and John Coltrane. Department Permission Required.

### MLSC 631 - INTRODUCTION TO READING AND WRITING FICTION
**Short Title:** INTRO READING WRITING FICTION  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** This course provides an introduction to reading fiction critically and writing short fiction successfully. The reading portion of the class focuses on the primary elements of fiction: scenes, tension and conflict, character, point of view, structure, voice, and dialogue. For the writing portion, students will compose original prose and provide feedback on one another's work in a workshop format. Department Permission Required.

### MLSC 632 - MUSIC MYTH AND MADNESS
**Short Title:** MUSIC MYTH AND MADNESS  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** A study of biographical narratives about musicians including Bach, Bob Dylan, Thelonious Monk, Mozart, and Schumann. Considers the nature of creativity and inspiration. Examines the extent to which biography borrows from mythology and literary fiction. Materials include memoirs, letters, novels, and films. Department Permission Required.

### MLSC 633 - HOW TO READ A NOVEL
**Short Title:** HOW TO READ A NOVEL  
**Department:** School of Continuing Studies  
**Grade Mode:** Standard Letter  
**Course Type:** Seminar  
**Credit Hours:** 3  
**Restrictions:** Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.  
**Course Level:** Graduate  
**Description:** We will start this course by making one of Jane Austen's novels our "norm" and then read a survey of the novel's great variety through the nineteenth, twentieth, and twenty-first centuries. As we read the novels, we will keep asking what we mean by narrative, point of view, the nature of character, the paradigm of character relationships each novel creates, and the meaning of the end. Department Permission Required.
experiments. Of this upheaval—new themes, greater candor, many different kinds of
Saigon and quit the war we lost. The literature of the period reflects some
JFK and lasted until 1975, when we withdrew our military forces from
phase. The Sixties, it seems, started in 1963 with the assassination of

MLSC 634 - CONCEPTS OF MODELS, METAPHORS AND ANALOGIES
Short Title: MODELS, METAPHORS & ANALOGIES
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal
Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course will start by developing the concepts of model,
metaphor, and analogy. The model is a basis for the scientific method
and rational thought. The metaphor is a powerful tool in literature and
description. Analogy ties all of this together. We will finish by looking
at a computer simulation (model) of the world. Department Permission
Required.

MLSC 635 - THE ORIGINS OF CHRISTIANITY
Short Title: THE ORIGINS OF CHRISTIANITY
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal
Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: An examination of the origins and earliest history of
Christianity, from Jesus to the second century CE. The class is based
on a close reading of tests; Jewish texts; texts from the Old Testament;
and Christian texts from the second century CE. Department Permission
Required.

MLSC 637 - THE LITERATURE OF THE SIXTIES
Short Title: THE LITERATURE OF THE SIXTIES
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to students with a major in Liberal
Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Some decades are not simply a ten-year period but a cultural
phase. The Sixties, it seems, started in 1963 with the assassination of
JFK and lasted until 1975, when we withdrew our military forces from
Saigon and quit the war we lost. The literature of the period reflects some
of this upheaval—new themes, greater candor, many different kinds of
experiments.

MLSC 638 - THE ART AND ART HISTORY OF EUROPE IN THE LONG
NINETEENTH CENTURY (1789-1918)
Short Title: 19TH-CENTURY EUROPEAN ART
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course will consider European art from the long
nineteenth century, looking in detail at the key movements and artists
from this dramatic period of history. We will begin by placing Neo-
Classicism in the context of the emergence of the French Revolution,
while ending with the emergence of abstraction in the era of the First
World War. In so doing we will also consider the varied art historical
methods through which scholars have addressed the art of this period.
Department Permission Required.

MLSC 639 - EXPLORING THE ARTS
Short Title: EXPLORING THE ARTS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This course is designed to introduce students to an array of
contemporary and traditional arts practices and to deepen experience
and understanding of those arts through writing. Engaging with the arts
offerings available during the semester, the course will cover concepts
in theater, opera, dance, and art exhibitions. Department Permission
Required.

MLSC 640 - AMERICA THROUGH FOREIGN EYES
Short Title: AMERICA THROUGH FOREIGN EYES
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: The course examines the perceptions and interactions of
five regions — Africa, China, France, Mexico, and Russia — with America.
Some course content is online, taught by Rice experts of these regions.
The course introduces students to various disciplinary approaches to
the study of intercultural exchange and representation. Department
Permission Required.

MLSC 641 - PHILOSOPHIES FROM INDIA AND TIBET: RELIGION, ART,
HEALTH, SCIENCE & SPIRITUALITY
Short Title: PHILOSOPHIES OF INDIA & TIBET
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Examining the philosophies and religious traditions from
India and Tibet, can give us a broader view of some of the landscape of
thought in Asia, from the early Harappan culture and Vedic worldview, to
the religious traditions of Hinduism, Jainism, Islam, Bon and Buddhism
among others. Department Permission Required.
MLSC 642 - ASIAN RELIGIOUS AND MEDICAL TRADITIONS: INDIA, CHINA AND TIBET
Short Title: ASIAN RELIGIONS AND MEDICINE
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Exploring the philosophical and religious traditions of India, China and Tibet, this course will look at their own understanding of well-being and thus, the medical systems and methods they create accordingly-particularly mind-body conceptions and practices. We will thus examine the relationship between body and mind, illness, suffering, treatment, healing, and death. Department Permission Required.

MLSC 643 - TOPICS IN THE STUDY OF LATIN AMERICA
Short Title: STUDY OF LATIN AMERICA
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Using a cross-disciplinary and multinational approach, this course offers a sampling of major themes in the history, politics, and culture of Latin America. Class activities will include presentations by the professor, required readings, seminar-style discussions, student presentations, and three written papers. Department Permission Required.

MLSC 677 - SPECIAL TOPICS
Short Title: SPECIAL TOPICS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Internship/Practicum, Laboratory, Lecture, Seminar, Independent Study
Credit Hours: 1-4
Restrictions: Enrollment is limited to Graduate or Visiting Graduate level students.
Course Level: Graduate
Description: Topics and credit hours vary each semester. Contact department for current semester's topic(s). Repeatable for Credit.

MLSC 699 - CAPSTONE SEMINAR
Short Title: CAPSTONE SEMINAR
Department: School of Continuing Studies
Grade Mode: Satisfactory/Unsatisfactory
Course Type: Research
Credit Hour: 1
Restrictions: Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: This seminar course is designed to familiarize students with the academic requirements of the MLS Capstone Project and to assist students with the research, preparation and defense of the MLS Capstone Proposal. Required for all MLS students who have completed at least 24 hours. Department Permission Required. Recommended Prerequisite(s): Completion of at least 24 hours of MLSC coursework. Repeatable for Credit.

MLSC 700 - CAPSTONE I
Short Title: CAPSTONE I
Department: School of Continuing Studies
Grade Mode: Satisfactory/Unsatisfactory
Course Type: Research
Credit Hours: 1-9
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: The capstone course is designed to help students utilize the knowledge gained in the previous courses and to demonstrate mastery of the intellectual skills required for a Master of Liberal Studies degree. The capstone course will culminate in an extensive written paper (or original creative work such as poetry or fiction) and an oral presentation to MLS faculty and fellow students. The capstone course may be completed in one term as one course, or, optionally, the student may with the advisor’s approval, take two terms to complete the capstone. The determination as to whether the capstone will be a one or two term project should, in most cases, be made before the start of the first term. Department Permission Required. Repeatable for Credit.

MLSC 701 - CAPSTONE II
Short Title: CAPSTONE II
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Research
Credit Hours: 1-9
Restrictions: Enrollment is limited to students with a major in Liberal Studies. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Continuation of MLSC 700 Capstone I; or for students who plan to take only one term to complete the capstone. Department Permission Required. Repeatable for Credit.

MLSC 750 - INTRODUCTION TO DIPLOMA RESEARCH
Short Title: INTRO TO DIPLOMA RESEARCH
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Seminar
Credit Hours: 3
Restrictions: Enrollment limited to students in the DLS program. Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Open only to students in the Diploma in Liberal Studies Program. The purpose of this course is to prepare students for diploma research in general and for the diploma project research in particular. The course will accomplish this by giving students an opportunity to gain knowledge of research in the two chosen disciplines outlined in their Diploma Proposal. Department Permission Required.
MLSC 797 - ADVANCED INDEPENDENT READINGS
Short Title: ADVANCED INDEPENDENT READINGS
Department: School of Continuing Studies
Grade Mode: Standard Letter
Course Type: Independent Study
Credit Hours: 1-9
Restrictions: Enrollment limited to students in the DLS program.
Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Independent study under faculty supervision and open
only to students in the Diploma in Liberal Studies Program. The primary
purpose of this course is to allow for study centrally relevant to the
two disciplines chosen by the DLS student not covered by existing
coursework in liberal studies curriculum. Department Permission
Required. Repeatable for Credit.

MLSC 798 - DIPLOMA PROJECT I
Short Title: DIPLOMA PROJECT I
Department: School of Continuing Studies
Grade Mode: Satisfactory/Unsatisfactory
Course Type: Research
Credit Hours: 1-9
Restrictions: Enrollment limited to students in the DLS program.
Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Research for Diploma Project. Open only to students in the
Diploma in Liberal Studies program. This is the first of a two-term course
sequence in which the diploma student works on his or her diploma
project under the supervision of the diploma first reader (advisor), second
reader and third reader. Department Permission Required. Repeatable for
Credit.

MLSC 799 - DIPLOMA PROJECT II
Short Title: DIPLOMA PROJECT II
Department: School of Continuing Studies
Grade Mode: Satisfactory/Unsatisfactory
Course Type: Research
Credit Hours: 1-9
Restrictions: Enrollment limited to students in the DLS program.
Enrollment is limited to Graduate level students.
Course Level: Graduate
Description: Research for Diploma Project. Open only to students in the
Diploma in Liberal Studies program. This is the second and final course
in the two-term course sequence in which the diploma student works
on his or her diploma project under the supervision of the diploma first
reader (advisor), second reader and third reader. Department Permission
Required. Repeatable for Credit.