
Course Syllabus

Summer Semester 2018

Instructor: Ernesto Livorni, Ph.D.
Credits: 3
Contact Hours: 45
Prerequisites: None
Class Hours: Tuesdays and Thursdays, 11:15 a.m. – 2:45 p.m.
Classroom: Aula 3
Office Hours: Thursdays 3:00 – 4:00 p.m. (Faculty Room)
Course Type: Standard Course
Lab Fee: 65 €

Course Description
Leonardo is the last great figure who was both an artist and a scientist: the embodiment of the Renaissance Man. In light of this achievement, the course will discuss the artistic and scientific endeavors of Leonardo and the impact he had on the shaping of modernity in the works of thinkers such as Ruskin, Pater, Freud, Valéry, and D'Annunzio all the way to 20th century avant-gardes and Pop Art. In turn, these artists and thinkers created the modern myth of Leonardo.

The course aims at exploring the relationship between arts and science considering the last great thinker who elaborated art from his scientific experiments and discoveries and who cultivated the scientific within his artistic creations. Both Leonardo's endeavors in painting and in the study of anatomy and physics will be studied vis-à-vis the impact they had in the centuries to come: the interpretations of many thinkers and artists will be discussed regarding specific aspects of Leonardo's work. His most important writings are available in English translation as well as those of such thinkers as Freud and Valéry.

Course Objectives
By the end of the course, students will be able to:

– reflect on major themes and issues of the Renaissance at Leonardo’s time in the arts, the sciences, and the history of the period;
– reflect on the necessary intersections of humanities and sciences during the Renaissance in conjunction with a possibly inspiring consideration for the current times;
– recognize and identify artistic works by Leonardo, his contemporary artists, and subsequent artists who referred to Leonardo's works; and
– understand the exchange among several disciplines (arts, sciences, history, philosophy, and theology) and the relevance they have in both their autonomy and in relation to one another.
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Course Materials
Readings
Course Reader available at local copy shop. See “Umbra Institute Course Materials - Textbooks and Readers” handout provided in the orientation folder for more information.

Assessment
Attendance and Participation 10%
Mid-Term Exam 25%
Final Exam 25%
Oral Presentation 10%
Final Essay 30%

Grading
Letter grades for student work are based on the following percentage scale:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Numerical Score Equivalent</th>
<th>Student Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93% - 100%</td>
<td>Exceptional</td>
</tr>
<tr>
<td>A-</td>
<td>90% - 92%</td>
<td>Excellent</td>
</tr>
<tr>
<td>B+</td>
<td>87% - 89%</td>
<td>Superior</td>
</tr>
<tr>
<td>B</td>
<td>83% - 86%</td>
<td></td>
</tr>
<tr>
<td>B-</td>
<td>80% - 82%</td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>77% - 79%</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>C</td>
<td>73% - 76%</td>
<td></td>
</tr>
<tr>
<td>C-</td>
<td>70% - 72%</td>
<td></td>
</tr>
<tr>
<td>D+</td>
<td>67% - 69%</td>
<td>Low Pass</td>
</tr>
<tr>
<td>D</td>
<td>63% - 66%</td>
<td></td>
</tr>
<tr>
<td>D-</td>
<td>60% - 62%</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>59% or less</td>
<td>Fail (no credit)</td>
</tr>
</tbody>
</table>

Course Requirements
Grades are based on the following:

 Attendance and Participation (10%)
Classes will be a combination of discussion and lecture, leaning more heavily to discussion when the readings are primary sources. Part of the class will be devoted to discussion of the literary texts.

Times and dates for exams, quizzes and other evaluated in-class assignments cannot be changed. Except in the case of a certified, serious illness or other emergency, they will not be rescheduled. There will be no make-up assignments for missed exams.
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**Oral Presentation (10%)**
Each student will give a 15-minute oral presentation. The topic will be one of the topics of discussion for the day of the presentation. Handouts and slideshows are encouraged, but not essential.

**Exams and Essay**
There will be a mid-term exam (25%), a final exam (25%), and a 9-10-page final essay (30%).
For both exams, students are provided with four sets of two essay questions. Students can choose which of the two questions they would like to answer for each set of questions. Each exam is two hours long. The final essay is due on Thursday, June 28. On that day, students will turn in a printed copy of their essays. The students are responsible for the choice of the essay topics, which may be discussed with the instructor. Late essays will receive one grade lower for each day the essay is overdue.

**Attendance Policy**
Class attendance is mandatory. Students are allowed one “free” absence during the summer semester, which they do not need to justify. Each additional absence, unless it is for a very serious reason, will lower your final grade by one grade level (e.g., a final grade of a B+ would be lowered to a B). It is also the policy of the Institute that any student who has three or more absences automatically fails the class. If students miss class, they are responsible for obtaining class notes from other students and/or for meeting the professor during office hours. Furthermore, times and dates indicated for exams, quizzes, presentations, and any other graded assignments cannot be changed for any reason.

Presence during mandatory field trips is especially important for student performance in class. Missing a mandatory field trip, unless for a very serious reason that is communicated to the professor and Umbra Academic Director in a timely manner, will lower students’ final grade by one grade level (i.e., a final grade of a B+ would be lowered to a B).

**Academic Integrity**
All forms of **cheating** (i.e., copying during exam either from a fellow student or making unauthorized use of notes) and **plagiarism** (i.e., presenting the ideas or words of another person for academic evaluation without acknowledging the source) will be handled according to the Institute Academic Policy, which can be found in the Umbra Institute Academic Policies and Conduct Guidelines.

**Classroom Policy**
Students are expected to follow the policy of the Institute and demonstrate the appropriate **respect** for the historical premises that the school occupies. Please note that **cell phones** must be turned off before the beginning of each class. **Computers and other electronic devices** cannot be used during class lectures and discussions.
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Schedule of Topics, Readings, and Assignments

WEEK 1

Tue., May 29
*Leonardo: The Symbiosis of Art and Science.*

Readings

Thu., May 31
*Leonardo at Andrea Verrucchio’s Workshop.*

Readings

Sat., June 2
Field trip to Florence

WEEK 2

Tue., June 5
*Leonardo in Florence: Drawing in the Round.*
*Leonardo in Florence: Annunciation and Adoration of the Magi.*

Readings

Thu., June 7
*Leonardo in Milan.*

Readings

WEEK 3

Tue., June 12

Readings

Thu., June 14
MIDTERM EXAM

WEEK 4

Tue., June 19
*Leonardo in Mantua, Venice, Urbino: Military Architecture.*

Readings
Thu., June 21  
文昌 Leonardo Back in Florence: Virgin and Child with St. Anne.

Readings
Freud, Leonardo and a Memory of His Childhood.
La Gioconda, Walter Pater; Symonds (packet).

WEEK 5

Tue., June 26  
Physics, Mathematics, Astronomy.

Readings

Thu., June 28  
Leonardo in Rome and at Cloux.

Readings

Final Essay due (9-10 pages).

Fri., June 29  
FINAL EXAM

Bibliography