HON 307W/HON 310W/HON316W
Art and Science in the Renaissance
Spring 2013, 3 Credit Hours
9:30 AM TR, 11:00 AM TR, Case Annex 151
CRN: 25980, 25981, 25985, 25986, 26265, 26266
Instructors:
Dr. Bruce MacLaren  Dr. David Coleman
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Office Hours: M-F 1-4 PM  M-F 1:00-3:30 PM

Catalog Descriptions

HON 307W Honors Seminar in the Arts:_____. (3) A. Prerequisite: ENG 102 or 105(B) or HON 102 and admission to the Honors Program; or departmental approval. A topics course in the arts meeting the goals of the Honors Program. May be retaken with different topics to a maximum of six hours. Honors Core. Gen. Ed. E-3A.

HON 310W Honors Seminar in History:_____. (3) A. Prerequisite: ENG 102 or 105(B) or HON 102 and admission to the Honors Program; or departmental approval. A topics course in history meeting the goals of the Honors Program. May be retaken with different topics to a maximum of six hours. Honors Core. Gen Ed. E-5A.

HON 316W Honors Seminar in the Natural Sciences:_____. (3) A. Prerequisite: ENG 102 or 105(B) or HON 102 and admission to the Honors Program; or departmental approval. A topics course in the natural sciences meeting the goals of the Honors Program. May be retaken with different topics to a maximum of six hours. Honors Core.

General Education Goals and the Course

Students will be able to:

- Use appropriate methods of critical thinking and quantitative reasoning to examine issues and to identify solutions. (GE Goal 2)
- Analyze the historical and social contexts of cultural, economic, political, religious, and scientific developments. (GE Goal 3)
- Analyze the fundamental natural processes of the world and the interactions of humans and their environment. (GE Goal 5)
- Analyze the values, cultural context, and aesthetic qualities of artistic, literary, philosophic, and/or religious works. (GE Goal 6)
- Distinguish the methods that underlie the search for knowledge in the arts, humanities, natural sciences, history, and social and behavioral sciences. (GE Goal 7)
- Integrate statistical knowledge that will deepen their understanding of, and will inform their own choices about, issues of personal and public importance. (GE Goal 8)
Course-Specific Student Learning Outcomes

Students completing this course as HON 307W (Element 3A) will be able to:
1. Gather, synthesize, and critically analyze information and present it in a well-written format.
2. Verbally articulate complex information in an interesting presentation.
3. Comprehend the major concepts of the course.
4. Express ideas about the arts and humanities through sentences that are clearly formulated, grammatically correct, and stylistically competent.
5. Accurately locate particular works and/or cultural movements in relation to relevant contexts.
6. Demonstrate a writing process that produces effective documents appropriate to course level.

Students completing this course as HON 310W (Element 5A) will be able to:
1. Critically analyze historical primary sources.
2. Evaluate and critique historical information from textbooks, monographs, and scholarly articles.
3. Create thesis statements, evaluate arguments, and resolve issues in historical context.
4. Communicate effectively orally and in writing the conclusions derived from historical materials.
5. Illustrate the connections between history and the humanities.
6. Demonstrate a writing process that produces effective documents appropriate to course level.

Students completing this course as HON 316W will be able to:
1. Gather, synthesize, and critically analyze information and present it in a well-written format.
2. Verbally articulate complex information in an interesting presentation.
3. Understand the methods used in the natural sciences.
4. Comprehend the major concepts of the course.
5. Apply scientific principles to make reasonable and valid conclusions.
6. Apply scientific knowledge to address issues of personal and public importance.
7. Integrate relevant information, concepts, perspectives, and principles.
8. Demonstrate a writing process that produces effective documents appropriate to course level.

Required Readings:


Student Progress:
Grades will be posted to Blackboard and students will be able to check their progress regularly.
Attendance Policy:
Attendance is expected and required at all class sessions, except in the case of excused university or medical absences.

Add/Drop/Withdrawal/Midterm Grades:
According to the official EKU academic calendar, the last day to withdraw from this class with a full refund is January 21. The last day to withdraw without a withdrawal fee is February 10. The last day to withdraw without academic penalty, but with withdrawal fee and the requirement of instructor signature is March 22. For additional information, consult the Colonel's Compass online. Midterm grades will be posted by February 15.

Services for Individuals with Disabilities:
If you are registered with the Office of Services for Individuals with Disabilities, please obtain your accommodation letters from the OSID and present them to the course instructor to discuss any academic accommodations you need. If you believe you need accommodation and are not registered with the OSID, please contact the Office in the Student Services Building Room 361, by email at disserv@eku.edu or by telephone at (859) 622-2933 V/TDD. Upon individual request, this syllabus can be made available in an alternative format.

Academic Integrity Policy:
Students are advised that EKU’s Academic Integrity policy will be strictly enforced in this course. The Academic Integrity policy is available at www.academicintegrity.eku.edu. Questions regarding the policy may be directed to the Office of Academic Integrity.

Official E-mail:
An official EKU e-mail address is established for each registered student, each faculty member, and each staff member. All university communications sent via e-mail will be sent to this EKU e-mail address.

Inclement Weather Schedule:
If the EKU President declares an “inclement weather” delay, the 9:30 section would meet 11:10-12:10, and the 11:00 section would meet 12:20-1:20.

Assignments and Grading
Assessment of student learning will be based upon the following:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
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<tbody>
<tr>
<td>Discussion/Participation</td>
<td>75 pts</td>
</tr>
<tr>
<td>Lab Activities</td>
<td>50 pts</td>
</tr>
<tr>
<td>Reacting to the Past Role Playing Participation</td>
<td>50 pts</td>
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<tr>
<td>Reacting to the Past Writings</td>
<td>100 pts</td>
</tr>
<tr>
<td>Short Research Paper Preliminary Text</td>
<td>20 pts</td>
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<tr>
<td>Short Research Paper Final Text</td>
<td>80 pts</td>
</tr>
<tr>
<td>Final Exam</td>
<td>75 pts</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>450 pts.</strong></td>
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(450-405=A; 404-350=B; 349-295=C; 294-240=D; < 239=F)

Brief Description of Assignments:

Discussion Participation: On each day in the course schedule below on which there is “Discussion,” each student should come to class having read the assignment carefully, and having typed or written down (on a sheet of paper to turn in) TWO THOUGHTFUL QUESTIONS based upon the assigned readings. The
questions might pertain to issues that were unclear to you in the readings, or they might pertain to clarifying or criticizing the evidence used by the author in making his or her point. They might also concern possible connections to other issues that we have studies in the course. These questions will provide a starting point for our discussions in class. You will turn in your questions to Dr. Coleman at the end of each of these class sections. You will be given a grade of between 0 and 5 points for your questions and your participation in discussion in each of these classes.

Lab Activities: On the five days indicated with “LAB/ACTIVITY” in the course schedule below, you will be assessed on a 0-10 point basis for your participation. These activities will vary, and Dr. Maclaren will clarify expectations for each as we reach these dates in the schedule.

Reacting to the Past Role Playing Participation: The “Reacting to the Past” Activity that will be the central activity in the second half of the course will demand regular and active participation from all students. Your participation in the Role Playing segments of the course will be evaluated on a 0-50 point basis by the instructors.

Reacting to the Past Writings: In association with the “Reacting to the Past” Activity, each student will post to Blackboard at least two separate writings, constituting at least 10 total pages of written text. These writings will be written “in character” from the point of view of the role to which the student has been assigned. They must be thoughtful, well-written, and incorporate in an intelligent and appropriate manner the material that we will be studying in the Purnell book. Additional information on these assignments will be passed out when we begin the “Reacting to the Past” activity.

Short Research Paper Preliminary Text and Final Text: Instructions for the research paper will be distributed in the first week of class.

Course Schedule

January

15—Course Intro
   Lesson: “Renaissance: Myth and Reality”

17—Discussion: Crosby, Chapters 1-2
   Lesson: The Aristotelian/Ptolemaic Universe

22—Discussion: Crosby, Chapters 3, 6: Quantification and Medieval/Renaissance Thought
   Lesson: Renaissance Society and Politics

24—Discussion: Crosby Chapters 7, 9 and 11
   Lesson: Renaissance Visions and Artists I
29—Discussion: Edgerton Chapters 1-4
   Lesson: Renaissance Visions and Artists II

31—Discussion: Edgerton, Chapters 5-6, 8-9
   Lesson: Renaissance Visions and Artists III

February

5—Discussion: Edgerton Chapters 12-13, 15 and “Postface”
   Lab discussion (for next time): Exploring Perspective—Drawing

7—LAB/ACTIVITY—Exploring Perspective—Drawing
   Research Project Preliminary text due

12—Discussion: Capra, Introduction plus Chapters 1-2

14—Discussion: Capra, Chapters 3-4

19—Discussion: Capra, Chapters 5-6

21—Discussion, Capra, Chapters 7-8

26—Discussion, Capra, Chapters 9-10 and Epilogue
   Lab Discussion (for next time): Building a Leonardo Machine

28—LAB/ACTIVITY: Engineering like Leonardo
   Short Research Project due

March

5—Discussion, Purnell, pp. 3-42
   Assignment of Roles for “Reacting to the Past”
   LAB/ACTIVITY: Sun-Charting Activity DUE and Discuss

7—Discussion, Purnell, pp. 51-83 (Appendices A and B)
   Be Prepared to discuss all “Study Questions” on pp. 60-61 and 82-83
   Team Meetings and Preparation

12—SPRING BREAK

14—SPRING BREAK
19—Discussion, Purnell, pp. 84-126 (Appendices C, D and E)
   Be Prepared to discuss all “Study Questions” on pp. 107-108 and 126
   Team Meetings and Preparation

21—LAB DAY—Lenses and Galileo’s Telescope
   Read Purnell, pp. 202—206

26—ROLE PLAYING: A DAY AT THE COLLEGE OF ROME, 1616
   Prepare and post papers, Lecture in character

28—ROLE PLAYING: A MEETING OF THE HOLY OFFICE OF THE INQUISITION, 1616
   Prepare and post papers and make presentations in character: Galileo’s Trial, Session One

April

2—ROLE PLAYING: A PARTY AT PRINCE CESI’S PALACE, 1616
   Prepare and post papers and debate cleverly, in character, at Party

4—ROLE PLAYING: A MEETING OF THE HOLY OFFICE OF THE INQUISITION, 1616
   Prepare and post papers and make presentations in character: Galileo’s Trial, Session Two
   HOLY OFFICE VOTES AND RULES
   “GRIM REAPER LOTTERY” AT END OF CLASS
   New roles will be assigned to the dead. Please make your own funeral arrangements.

9—LAB DAY—Parallax
   Read Purnell, pp. 207—216 AND—important—START reading Purnell, pp. 127-199 (Appendix F
   “Dialogue on the Two Chief World Systems”)

11—Discussion, Purnell pp. 127—199 (Appendix F)
   Be prepared to Discuss Study Questions pp. 197-199
   ELECTION AND INSTALLATION OF NEW POPE
   TIME PASSES—Instructors will send statement outlining changes 1616-1632

16—ROLE PLAYING: 1633 TRIAL: PHASE ONE
   Prepare and post papers and make presentations in character

18—ROLE PLAYING: 1633 TRIAL: PHASE TWO
   Prepare and post papers and make presentations in character

23—ROLE PLAYING: 1633 TRIAL: PHASE THREE
   Prepare and post papers and make presentations in character
25—HOLY OFFICE AND POPE MAKE PRESENTATIONS ON FINAL VERDICTS
Post-Mortem

30—Bertolt Brecht Trial of Galileo

May

2—Bertolt Brecht Trial of Galileo

FINAL EXAM
9:30 section: Thurs. Dec. 13, 8-10 AM
11:00 section: Thurs. Dec 13: 10:30 AM—12:30 PM

Final Exams will be in 151 Case Annex