INR 4054-0W59
Fall 2017
Global Politics of Energy

Department of Political Science
College of Sciences, University of Central Florida

COURSE SYLLABUS

Instructor: Dr. Daniel Marien, Daniel.Marien@ucf.edu

OFFICE HOURS	OFFICE LOCATION	OFFICE PHONE NUMBER
Tuesdays and Thursdays 10:00 a.m. to 1:00 p.m. Or by appointment.	UCF Orlando Philips Hall, room 302N	407-823-0012

If you plan to visit me during office hours, it is suggested (not required, simply suggested) that you email your intention ahead of time. Advanced notice helps me select who I see first when several students show up at the same time.

If you cannot come to my office, phoning can also be an effective way of solving various issues. Phoning allows for an easier and more productive interaction than email exchange. A phone conversation outside of office hours can also be scheduled via prior email exchange.

I. Subject Overview

Energy has historically made an immense contribution to the growth of civilization and the development of human powers and faculties. Yet, it has also soiled the land, air and water on which humans rely for a healthy and fulfilling life. More recently, it has been discovered that fossil fuels destabilize the global climate in a number of threatening ways. This course will focus on the intersection between energy and climate change. Dimensions discussed include scientific aspects, as well as economic, political and

cultural factors. Energy and human well-being will intersect even more powerfully in the 21st century than before.

II. Course Materials

You will need to have ready access to the following two books:

Frank Incropera
Climate Change: A Wicked Problem.
Cambridge University Press, 2016, ISBN: 978-1-107-52113-1

Michael Bloomberg and Carl Pope
Climate of Hope: How Cities, Businesses, and Citizens Can Save the Planet. St Martin's Press, 2017. ISBN: 978-1-250-14207-8

Additional assigned readings will be uploaded in Webcourses, under Files, under Assigned Readings. You will also need to access various videos from the internet (some may carry a small fee). Additional assigned readings and videos assignments will be specified in the weekly modules.

III. Basic Expectations

Students are expected to: (1) become familiar with the Course Outline; (2) always have a working connection to the internet; (3) to promptly procure the textbooks; (4) to regularly log-on to the course's website in Webcourses; (5) to take quizzes and submit postings in due time; (6) to regularly consult the Home Page in Webcourses for general updates on course progress; and (7) to respect rules of academic honesty.

<u>General Course Goals</u>

1. Understand the physical causes and consequences of climate change.
2. Understanding the main contours of the three broad human responses to climate change: mitigation; adaptation and geo-engineering.
3. Understand the history of climate change politics at the national and global level.
4. Understand the ethical dimensions of energy usage and climate change.

5. Understanding the potential for climate change mitigation and adaption at the individual, local and state levels in the absence of national leadership.

IV. Assessments

Assessment Summary Table

WHAT	WHEN	POINTS
Before Course Knowledge of Energy (Upload file)	Friday 8/25, 11:59 P.M	1 This simple submission frees up your financial aid.
After Course Knowledge of Energy (Upload file)	Monday 11/20, 11:59 P.M.	2
Weekly Quizzes	Weeks #1-10 (from 8/28 to 10/30) by Monday Evenings 11:59 P.M.	30
Answers to Questions from weekly modules	Weeks #1-10 (from 8/28 to 10/30) by Monday Evenings 11:59 P.M.	30
Interim Research Descriptions (Not an outline or draft. It is a simple description of your book review selection and reflection process. This is a tool for the instructor to help you build a better book review.)	Mondays, 11:59 pm Nov. 6; Nov. 13; Nov. 20. (Weeks 11-13) Monitor instructor's feedback inserted in your posting.	Not graded but compulsory, point penalties (-3) applied for each non-submission. Consult and respond appropriately to the instructor's feedback on your IRDs. .

Book Review Length: 1,500-2,000 words, plus relevant images and/or video clips. See BR Grading Standards for more details in Webcourses under Files.	Tuesday Nov. 28 by 11:59 P.M.	25
Submission of vote (with arguments) expressing preference for which of the book review from within your own group should be assigned to the final quiz.	Thursday Nov. 30 by 11:59 P.M.	2
Final Quiz A brief and simple quiz covering the selected reviews authored by students. Reading the selected reviews once before the quiz should suffice to obtain a solid score on this exercise.	Dec. 7-8	10
TOTAL		100

HOW TO FIGURE OUT YOUR FINAL COURSE GRADE:

Webcourses has been set to hide the grade totals since these can be very misleading.

To figure you standing in the course, enter your personal scores for these values:

Before/After over 3
+ Quiz Average over 30
+ Weekly Post Average over 30
+ Book Review Score over 25

+ Vote/Arguments over 2
= Total in points over 100.

Then convert your numerical total into a letter grade in accordance with the Grading Scale below.

Grading Scale (%)	
94-100	A
90-93	A-
87-89	B+
84-86	B
80-83	B-
77-79	C+
74-76	C
70-73	C-
67-69	D+
64-66	D
60-63	D-
0 - 59	F

V. Course Design

This course is designed to transform students from passive receivers of knowledge into active producers of knowledge sharing their research results with their peers. Thus, students generate a portion of the materials presented in the course.

Students are introduced to a common set of readings focused on the intersection between energy and climate change during the course's first phase, extending from Week 1 to Week 10 (8/21 to 10/30).

During the second phase (Weeks 11-16), students select a book on any issue related to energy, write a review on their book, publish their review to their classmates on an electronic platform (wiki) and then take a brief quiz on selected book reviews. Student's reviews are written with a real audience in mind: their own class peers.

Books eligible for review can discuss other issues than the intersection of energy and climate. Works on the geopolitics of energy, for instance, are particularly interesting for our purposes.

Groups will be formed on the basis of topic similarity. (Topic suggestions will be communicated in due time.) One review per group is assigned by group members to the entire class for the final quiz. Each student plays an active role in selecting the review from his or her own respective group subjected to quiz. Thus each student will consult his/her group members' reviews (to decide which one should be assigned to the final quiz) and each student will also read the reviews assigned by other groups to the entire class for the final quiz.

The course design stresses individual accountability. There are no group scores. There are only individual scores related to individual performance of the various tasks, whether the task is individual in nature (i.e. writing a book review) or collaborative in nature (i.e. selecting a review for the final quiz).

VI. Course Prerequisites

Course prerequisites include an open mind and a readiness to reflect on the subject matter. There are no prerequisites in the sense of having completed specific previous courses beyond English Composition.

VII. Course Credits

3 credits

VIII. Course Schedule

Always check the Home Page in Webcourses for changes or updates. Schedule adjustments (if any) will be first announced there.

Week 1, Aug. 21 to Monday Aug. 28:

- **Turn in your BEFORE course submission before Friday 8/28 at 5:00 PM.**

- **Read:** Incropera, Preface and chapters 8-9.
- Read: the pdf file titled "Paris Accord" in Webcourses under Files under Assigned Readings (16 pages)
- Watch this video (31 minutes): https://www.youtube.com/watch?v=5uPoZhFrJ7Y

- **Take the Week 1 Quiz,** preferably before Monday evening Aug. 28 at 11:59 P.M. **However and exceptionally** this quiz will remain open until Tuesday Sept. 5 to ease the transition into the new semester. (The Week 1

assignments are a little heftier than usual and some students will join the course late).

- **Post your answers in the Week 1 Discussion Board,** preferably before Monday evening Aug. 28 at 11:59 P.M. **However and exceptionally**, this Discussion Board will remain open until Tuesday Sept. 5 to ease the transition into the new semester. **The instructor provides in due time the questions in the Weekly Module section of Webcourses@UCF**.

- **This sequence of weekly quiz and discussion posts is repeated until week 10 inclusively. Monday night is the normal deadline time (with the exception of Labor Monday, when the deadline is postponed to Tuesday).**

Week 2, Aug. 29 to Tuesday Sept. 5: (Labor Monday is a UCF holiday)

- **Read:** Incropera, chapters 1-2-3.

Week 3, Sept. 6 to Sept. 11:

- **Read:** Incropera, chapters 4-5.

Week 4, Sept. 12 to Sept. 18:

- **Read:** Incropera, chapters 6-7.

Week 5, Sept. 19 to Sept. 25:

- **Read:** Incropera, chapters 10-11.

Week 6, Sept. 26 to Oct. 2:

- **Read:** Bloomberg and Pope, Preface, chapters 1-2.

Week 7, Oct. 3 to Oct. 9:

- **Read:** Bloomberg and Pope, Preface, chapters 5-8.

Week 8, Oct. 10 to Oct.16:

- **Read:** Bloomberg and Pope, Preface, chapters 9-10.

Week 9, Oct.17 to Oct. 23:

- **Read:** Bloomberg and Pope, Preface, chapters 11-12.

Week 10, Oct. 24 to Oct. 30:

- **Read:** Bloomberg and Pope, Preface, chapters 13-15.

Week 11, Oct. 31 to Nov. 6: Planning the Book Review

- Peruse the various subject suggestions put together by the instructor under Files under Book Review Planning in Webcourses under Files. .
- Carefully read the Grading Matrix for Book Review available in Webcourses under Files. .
- Submit your First Interim Research Description by Monday Nov. 6 at 11:59 P.M. Submit your IRD in the related Discussion Board in Webcourses. Consult the instructor's feedback in the same Discussion Board for help in orienting your review.
- **Your book choice must be approved by the instructor.**
- The Interim Research Description is a simple tool for student and instructor to keep in touch while work is done on the book review. Timely submission of thoughtful IRDs will take you little time but will help you built a stronger review. Non-submission is penalized with course point subtraction.

Week 12, Nov. 7 to Nov. 13: Doing the Book Review

- Submit your Second Interim Research Description by Monday Nov. 13 at 11:59 P.M. Consult the instructor's feedback in the same Discussion Board for help in orienting your review.

Week 13, Nov. 14 to Nov 20: Doing the Book Review

- Submit your Third Interim Research Description by Monday Nov. 20 at 11:59 P.M. Consult the instructor's feedback in the same Discussion Board for help in orienting your review.

- **Turn in your AFTER submission before Monday 11/20 at 11:59 PM.**

Weeks 14-15, Nov. 21 to Nov. 28: Finalizing Research

- **Submit your Book Review by Tuesday Nov.28 at 11:59 P.M. to the instructor and to all your group members via course email. See Grading Matrix for a description of exactly how to submit your text and images (important).**
- Submit your vote (with arguments justifying your choice) on which book review from your own group should be assigned to the entire class for the final exam to the instructor by **Thursday Nov. 30, 11:59 P.M.**. Your arguments must demonstrate familiarity with your group mates' reports and thoughtful reasoning supporting your vote. You submit your vote and reasons in your group's Discussion Board.

Week 16, Wednesday/Thursday Dec. 7-8: Final Quiz

- The final quiz covers the book reviews selected by the various groups. It will resemble the weekly quizzes: multiple choice questions, time limit, etc. This is not meant to be a difficult quiz, but it does require that you read the assigned reviews before taking the quiz to do well. The role of the Final Quiz is to guarantee a readership for the selected reviews (thus transforming students into authors) and to broaden the students' knowledge of energy issues.
- **The exam will be available on Wednesday Dec. 7 from 9:00 AM until Thursday Dec. 8, 11:59 PM.**

IX. Course Policies

Completion of the Book Review

Regardless of the points earned in the previous exercises, the submission of an approved and proper book review on a book approved by the instructor is necessary to obtain a passing grade.

Late Work Policy:
There are no make-ups for missing weekly quizzes or discussion postings.

Grades of Incomplete

The current university policy concerning incomplete grades will be followed in this course. Incomplete grades are given only in situations where unexpected

emergencies late in the semester prevent a student from completing the course and the remaining work can be completed the next semester. Your instructor is the final authority on whether you qualify for an incomplete. Incomplete work must be finished by the end of the subsequent semester or the "I" will automatically be recorded as an "F" on your transcript.

X. Course Policies: Technology and Media

Email: Use my email to communicate with me: Daniel.Marien@ucf.edu. Allow up to 48 hours for a response. Repeat message if you haven't received a response within 48 hours.

XI. Course Policies: Student Expectations

Disability Access:
The University of Central Florida is committed to providing reasonable accommodations for all persons with disabilities. This syllabus is available in alternate formats upon request. Students with disabilities who need accommodations in this course must contact the professor at the beginning of the semester to discuss needed accommodations. Students who need accommodations must be registered with Student Disability Services, Student Resource Center Room 132, phone (407) 823-2371, TTY/TDD only phone (407) 823-2116, before requesting accommodations from the professor.

Academic Conduct Policy:
Academic dishonesty in any form will not be tolerated. If you are uncertain as to what constitutes academic dishonesty, please consult The Golden Rule, the University of Central Florida's Student Handbook (http://www.goldenrule.sdes.ucf.edu/) for further details. As in all University courses, The Golden Rule Rules of Conduct will be applied. Violations of these rules will result in a failing grade for the entire course and can also result in expulsion from the University.

Turinitin.com:
In this course the instructor may utilize turnitin.com, an automated system which instructors can use to quickly and easily compare each student's assignment with billions of web sites, as well as an enormous database of student papers that grows with each submission. The instructor submits your texts or essays to Turnitin at his discretion. Student found guilty of plagiarism will receive a failing grade for the entire course.