

ECO 335 - SUSTAINABLE STRATEGIES FOR ENERGY AND THE ENVIRONMENT

Professor: Dan Ludovisi, PhD, MBA

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Office Hours: By appointment

Days and times: Tuesday, 11:59 PM (used for all deadlines)

Location: Remote

Meeting Dates: 03/28/2020 - 06/12/2020

2019-2020 Spring, Section 901, Class# 34304, Units: 4.00-4.50

Overview

This class explores the relationship between energy, business, the economy, the environment and society. An interdisciplinary approach and real-world case studies are used to understand the various dimensions of sustainable energy strategies (economic, scientific, political, environmental) and how they impact business and society. In the end, students will be able to (1) assess the costs and benefits of different energy and environmental strategies, and (2) contribute to discussions about building more sustainable economies for the future.

Textbook

Energy Economics, Peter M. Schwarz, Routledge – Taylor & Francis, ISBN: 9780415676786

(any format is OK, e-book or hard copy)

Tentative Schedule

Week No.	Date	Lecture/Assignments
Week 1	March 31	Introduction (Ch. 1)
Week 2	April 7	Fundamental Concepts (Ch. 2)
Week 3	April 14	Oil (Ch. 5) <i>Question set 1 due</i>
Week 4	April 21	Natural gas (Ch. 6) <i>Question set 2 due</i>
Week 5	April 28	Coal (Ch. 7) <i>Question set 3 due</i>
Week 6	May 5	Nuclear energy (Ch. 8) <i>Question set 4 due</i>
Week 7	May 12	Renewable energy (Ch. 9, 10 and 11) <i>Question set 5 due</i>
Week 8	May 19	Electric energy market (Ch. 12 and 13) <i>Question set 6 due</i>
Week 9	May 26	Energy, environment, sustainability and security (Ch. 14, 15 and 16) <i>Question set 7 due</i>
Week 10	June 2	A comprehensive energy policy (Chapter 17) <i>Question set 8 due</i>
Week 11	June 9	<i>Project due</i>

Grade Breakdown

- Question sets: 60%
- Project: 40%

Final grade scale

The final grade for this course is:

A	93-100
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	60-66
F	<=59

Classroom Rules and Procedures

1. All lectures will be delivered remotely asynchronously, i.e. there will be no live teleconferencing. However, if for some unforeseen reason, a live synchronous teleconference will be become necessary at some point during the course, students will be notified adequately ahead of time.
2. This syllabus is a live document and will be updated during the quarter as necessary. Check periodically on D2L that you have the latest version of the syllabus: the revision level and date is shown at the bottom of each page, so make sure that you have a current version of the syllabus.
3. Changes, updates, reminders and any other type of communication with the students will be posted on D2L and the syllabus will be revised accordingly.
4. On the dates indicated on the syllabus, a PowerPoint presentation and a video will become available on D2L. Students will have at least a week to do the readings, watch the video and submit the assignment.
5. Within the first week of the course, the instructor will create groups of students and share email addresses with the students in the same group. Students within a group will work together in a collaborative manner on each assignment and final project. GoogleDocs are a great way to work collaboratively on a document. If, within a group, there is a student not doing his/her part, please notify the instructor asap – all students in a group are expected to collaborate equally on the assignment and final project, no free-riders.
6. Each group of students will send each completed assignment and final project electronically through D2L. Late assignment will not be accepted. Please send only one document per group (I do not need to receive the same document from each student in the same group).
7. Details regarding the project will be discussed in class later during the quarter.
8. Tools are available and will be used to scan assignment for plagiarism. Plagiarism will not be tolerated.

Dean of Students

The Dean of Students Office (DOS) helps students in navigating the university, particularly during difficult situations, such as personal, financial, medical, and/or family crises. DOS assists students with Absence Notifications to faculty, Late Withdrawals, and Community Resource Referrals. They also have

resources and programs to support health and wellness, violence prevention, substance abuse and drug prevention, and LGBTQ student services. You may contact DOS at <http://studentaffairs.depaul.edu/dos/>.

Special Needs

Students who feel they may need an accommodation based on the impact of a disability should contact the instructor privately to discuss their specific needs. All discussions will remain confidential. To insure that you receive the most appropriate accommodation based on your needs, contact me as soon as possible in the quarter (preferably the first week of class) and make sure that you have contacted one of the Center for Students with Disabilities Offices for support and additional service: Lincoln Park: Student Center 370, (773)325-1677; Loop: Lewis Center 1420. (312)362-8002.

Academic Integrity

I adhere to the Academic Integrity Policy of DePaul University. Please refer to your student handbook for details regarding this policy and the consequences for any violations.