This course deals with the present and future uses and supplies of natural resources that are important to human society. Lectures focus on the unequal distribution of resources on the earth’s surface and the role of producers and consumers in the trading pattern of various commodities. The environmental consequences of resource exploitation and use will also be addressed. Reading material delves into current issues of sustainable development and provides the factual and conceptual underpinning of the course. Successful learning in this class will be highly dependent on careful reading and solid participation in class discussion. Geography of Natural Resources serves as an introduction to many of the critical issues that the world faces today in preparation for the future.

Textbooks Required:


Note: All books are available from the UST Bookstore & Amazon.com.

Course Requirements:

1. Two exams: a mid term comprising 30% (300 pts) and a final exam comprising 30% (300 pts) of your final grade. Exams will comprise two parts: a take home exam of essay-type questions (6-8 typed pages total) and an in-class exam consisting of definitions and short answer questions. **Note: the essay portion of these exams comprise the only writing assignment in the class!!!**

The final exam will be comprehensive in a broad sense covering all reading material.

2. Quizzes on the Readings: Quizzes will be given over the reading materials on each discussion day--12 total; all will be counted for a potential total of 360 pts. **Note: 1) There are NO MAKE-UPS for Quizzes!!!**

2) Please don’t skip the discussion, if you plan to skip the quiz--you could lose attendance points (see below).

3. Discussion: twelve class periods have been set aside for discussion of reading materials; students will earn up to a total of 100 points for attendance and quality of participation in each discussion. Perfect attendance is required to earn the maximum number of points.

Special for Graduate Students: *Graduate students should exemplify a higher level of sophistication and depth in all their work.*
TENTATIVE SCHEDULE

JAN 13  TU—Population, Resources, Environment, and Sustainability: Course Themes
JAN 15  TH—Discussion 1: Cohen, 5-22;
JAN 20  TU—Population: History and Future
JAN 22  TH—Discussion 2: Cohen 23-160
JAN 27  TU—The Physical Earth: A Primer on Climate, Soils, & Earth Materials
JAN 29  TH—Discussion 3: Cohen 161-296
FEB 03  TU—Land, Vegetation, and Water: What’s out there?
FEB 05  TH—Discussion 4: Cohen 297-398
FEB 10  TU—Food and Agriculture: The Facts—who eats what?
FEB 12  TH—Film: Fish Meat
FEB 17  TU—Discussion 5: Gardner 1-64
FEB 19  TH—Discussion 6: Gardner 65-136
FEB 24  TU—Film: Food, Inc.
FEB 26  TH—Discussion 7: Gardner 137-226
MAR 03  TU—Film: Switch
MAR 05  TH—Mid Term Exam; Cohen & Gardner
MAR 10  TU—SPRING BREAK
MAR 12  TH—SPRING BREAK
MAR 17  TU—Energy: Oil and Gas—Where and How?
MAR 19  TH—Discussion 8: Muller, XV-85.
MAR 24  TU—More Oil and Gas
MAR 26  TH—Discussion 9: Muller, 87-137.
MAR 31  TU—Energy: Coal—Where and How?
APR 02  TH—EASTER OBSERVANCE
APR 07  TU—Discussion 10: Muller 139-247
APR 09  TH—Energy: Nuclear
APR 14  TU—Discussion 11: Muller 248-305
APR 16  TH—Minerals: Industrial
APR 21  TU—Minerals: Industrial
APR 23  TH—Discussion 11: Ishmael 1-148
APR 28  TU—Recycling
APR 30  TH—Discussion 12: Ishmael 151-263

TAKE HOME FINAL EXAM IS DUE—Tuesday, May 05, 2015 @ 3PM.

FINAL EXAM: All Material Covered
**Grade Tally Sheet**

<table>
<thead>
<tr>
<th>Item</th>
<th>Points Possible</th>
<th>Your Grade</th>
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<tbody>
<tr>
<td>Mid Term Exam</td>
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<td>Final Exam</td>
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<tr>
<td><strong>Total Quizzes</strong></td>
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<tr>
<td>Final Points for Attendance &amp; Participation (100)</td>
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<td>(8 pts for attendance at each discussion—an extra 4 pts for perfect attendance.)</td>
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<tr>
<td><strong>FINAL COURSE TOTAL POINTS</strong> (1,000)</td>
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