

Program Syllabus Climate Solutions Spring 2010

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Office hrs: W 12 -1, or by appointment

Moodle site: <http://elms.evergreen.edu/>

Class Meeting Times:

M 9 – 11 Sem 2 E 3109 M 1 – 3 Sem 2 E 3109
W 9 – 12 Sem 2 E 3109
Th 9 – 11 Sem 2 E 3109 Th 1 – 3 Sem 2 E 3109

Books:

Global Climate Change, Arnold Bloom *The Climate Solutions Consensus*, David Blockstein & Leo Weigman
Climate 2030, Rachel Cleetus *The Upside of Down*, Thomas Homer-Dixon
The Long Descent, John Michael Greer *Smart Power*, Peter Fox-Penner
Power to the People, Peter Grose

Week 1 Mar 29 – Apr 2 Intro to global climate change

M a.m. Intro and diagnostic
M p.m. Global Climate Change – concept maps
W Global Climate Change Read Ch 1 – 3 of *Global Climate Change; Historical Overview of Climate Change Science (IPCC 2007)*; Quiz
Th a.m. More on the physical science of global climate change
Th p.m. Sem: *The Climate Solutions Consensus* Read Ch 1-4

Week 2 Apr 5 – Apr 9 How to Think About Climate Solutions

M a.m. *Global Climate Change* Read Ch 4 **Due: Research Topic & Thesis**
M p.m. *Global Climate Change* Ch 4; *Technical Summary (IPCC 2007)*;
W Quiz; Climate change and the biosphere
Th a.m. Read Ch 5 & 6 of *Global Climate Change*;
Th p.m. Sem: *The Climate Solutions Consensus* Read Ch 5.

Week 3 Apr 12 – 16 Some Beginnings of Climate Solutions

M a.m. *Global Climate Change* Read Ch 7 – 9.
M p.m. *Global Climate Change* Ch 7 - 9
W Quiz; *Global Climate Change* Read Ch 10
Th a.m. Various Energy Systems (Rob)
Th p.m. Sem: *The Climate Solutions Consensus* Read Ch 6 & 7.

Week 4 Apr 19 – Apr 23 Further Beginnings of Climate Solutions

M a.m. **Midterm Exam**
M p.m. no class
W First Round Group Presentations **Due: Prelim Bibliography & Detailed Outline**
Th a.m. Conventional Energy / Renewable Energy
Th p.m. Sem: *Climate 2030* Read all of book
F (optional) Day of Absence presentations

- Week 5 Apr 24 – 28 Rethinking the Present**
M a.m. *The Climate Solutions Consensus* Read Ch 8 & 9.
M p.m. Peak Oil / Peak Everything
W Day of Presence Presentations
Th a.m. Individual Actions
Th p.m. Sem: *The Upside of Down* Read whole book
- Week 6 May 3 – 7 A Darker View**
M a.m. Transition Communities
M p.m. Glimmers from Plan B
W Film: *Social Collapse Best Practices* Dmitry Orlov
Th a.m. Transition Communities
Th p.m. Sem: *The Long Descent* Read whole book
- Week 7 May 10 – 14 Electricity & Sustainability**
M a.m. Quiz; *The Climate Solutions Consensus* Read Ch 10 – 15 **Due: Rough Draft**
M p.m. Actions & Policies
W Film: *Energy Crossroads*
Th a.m. Guest Speaker: TBA
Th p.m. Sem: *Smart Power* Read whole book
- Week 8 May 17 – 21 Electricity & Sustainability 2**
M a.m. **No Class**; however, read: *The Climate Solutions Consensus* Read pages 245 - 276
M p.m. **No Class**
W Second Round Group Presentations
Th a.m. Synergy Conference on campus
Th p.m. Sem: *Power to the People* Read whole book
- Week 9 May 24 – 28 Summary Observations**
M a.m. Quiz; *Global Climate Change* Read Ch 11 & 12
M p.m. Summations
W **Final Exam**
Th a.m. Fostering Civic Engagement
Th p.m. Sem: *Bowling Alone* (article on Moodle site)
- Week 10 May 31 – Jun 4 Project Presentations**
M **No class – Memorial Day**
W Project Presentations **Due: Final Draft Research Paper**
Th a.m. Project Presentations
Th p.m. Project Presentations
- Week 11 Jun 8 – 11 Evaluation Week**
Don't even think of making plans to leave town early, without checking with your faculty first!