

**ESCI 1301 – Introduction to Environmental Science - Fall 2016**

**M&W 12:00-1:20 – UGLC 346**

**Instructor - James Kubicki**

**Phone: 747-5501 e-mail: [jdkubicki@utep.edu](mailto:jdkubicki@utep.edu)**

**Office hours - By appointment – 101 Geology**

**TA – Rachelle Kernan e-mail: [rkernen@miners.utep.edu](mailto:rkernen@miners.utep.edu)**

**Required e-Textbook – A Changing Planet by Jason Neff  
[www.pearsonhighered.com/Revel](http://www.pearsonhighered.com/Revel) (you can access from Blackboard)**

**The drop date for courses is October 28, 2016. After that date, the College of Science will not approve any course withdrawals. If the student withdraws from all courses for medical or other reasons, there can be exceptions.**

**Any cheating or plagiarism will be dealt with according to University policy.**

- 1) Quizzes - 15% - In class on a daily basis**
- 2) Homework - 20%**
- 3) In-class writing assignments & discussions - 15%**
- 4) 2 exams – Exam 1 25%; Exam 2 15%**  
**Study guides will be posted on Blackboard before each test.**
- 5) Participation - 10% - Credit (1 point per day) is given for attending class and 1 extra credit point for participation.**

<b>Date</b>	<b>Reading</b>	<b>Lecture Topic</b>	<b>Quiz Questions Based On</b>
8/22		<i>Introduction</i>	
8/24		<i>Earth: The Operator's Manual</i>	<i>Video Quiz/Discussion</i>
8/29	Ch. 1	Science & Sustainability	Homework #1 due
8/31	Ch. 1	Science & Sustainability	
9/7	pp. 468-473	Ozone Depletion	Homework #2 due
9/12	pp. 468-473	Ozone Depletion	
9/14	pp. 448-468	Air Pollution	Homework #3 due
9/19	pp. 448-468	Air Pollution	

9/21	pp. 487-491	Paleoclimates	Homework #4 due
9/26		<i>Is Science For Sale?</i>	<i>Video Quiz/Discussion Class</i>
9/28	pp. 487-491	Paleoclimates	
10/3	pp. 483, 492-506	Climate Change/Impacts	Homework #5 due
10/5	pp. 484-488	Climate Change/Milankovitch & GHG	
10/12	pp. 490-491, 494-495	Climate Change/Climate Models	Homework #6 due
10/17	<i>Handout #1</i>	<i>Climate Change</i>	<i>Discussion/ Writing Assignment #1</i>
10/19	<i>pp. 106-107 pp. 507-515</i>	<i>Climate Change/Feedbacks &amp; Politics</i>	
<b>10/24</b>		<b>EXAM #1</b>	<b>All from 8/22 to 10/19</b>
10/26	pp. 546-548	Energy Basics & Efficiency	
10/31	pp. 519-546	Petroleum/Natural Gas	Happy Halloween!
11/2	pp. 519-546	Petroleum/Natural Gas	Homework #7 due
11/7	<i>Handout #2</i>	<i>Rainforest for Sale?</i>	<i>Class Discussion/ Writing Assignment #2</i>
11/9	<i>pp. 524-543</i>	<i>Coal</i>	Homework #8 due
11/14	pp. 524-543	Coal	
11/16	pp. 554-566	Nuclear Energy & Radioactive Waste	Homework #9 due
11/21	pp. 554-566	Nuclear Energy & Radioactive Waste	
11/23	<i>Handout #3</i>	<i>Green Dreams</i>	<i>Class Discussion/ Writing Assignment #3</i>
11/28	pp. 581-594, 602-605	Alternative Energy – Solar & H <sub>2</sub>	Homework #10 due
11/30	pp. 574-576, 594-598	Alternative Energy – Hydro & Wind	
<b>TBD</b>		<b>FINAL</b>	<b>All from 10/26 to</b>