

Suggested Reading for ENV 150. The following books are on reserve for you to use as supplemental reading

Week	Dates	Reading and topics	SUGGESTED READING
1	Sept. 26	Introduction: Environmental Problems  <b>Movie:</b> Natural Connections	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Chapter 1 Miller, 7 <sup>th</sup> ed. <u>Sustaining the Earth</u> Chapter 1 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> Chapter 1
	Sept. 28	Introduction to Service Learning Introduction to Science, Chemistry, Energy dynamics	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Ch 2 15-22 Miller, 7 <sup>th</sup> Ed <u>Sustaining the Earth</u> pp. 16-23 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> Chapter 3
2	Oct. 3	Energy dynamics and Climate <b>Movie:</b> Inconvenient Truth	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Ch 2: 236-238 Miller, 7 <sup>th</sup> Ed <u>Sustaining the Earth</u> pp 236 - 239 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> 107-108
	Oct 5	Climate Change	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Ch 11 Miller, 7 <sup>th</sup> edition <u>Sustaining the Earth</u> pp 239-253 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> Ch. 13
3	Oct. 10	<b>QUIZ</b> Biome Exchange Evolution,	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Ch 11 Miller, 7 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Pp 48-57 & Ch. 3 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> 93-96; 112-137
	Oct. 12	Community Ecology and Trophic Interactions	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Ch 4 Miller, 7 <sup>th</sup> edition <u>Sustaining the Earth</u> Ch 3 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> Ch. 7
4	Oct 17	Biogeochemical Cycles/Human Disruptions LTER Presentation	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> 34-42 Miller, 7 <sup>th</sup> edition <u>Sustaining the Earth</u> Ch 3 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> 81-88
	Oct 19	<b>Movie:</b> Extinction Conservation and Restoration Biology	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Ch 7 & 8 Miller, 7 <sup>th</sup> edition <u>Sustaining the Earth</u> 7 & 8 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> Ch 17 & 18
5	Oct 23	<b>QUIZ</b> Conservation and Restoration (Cont) Conservation Orgs. Group Discussion	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Ch 7 & 8 Miller, 7 <sup>th</sup> edition <u>Sustaining the Earth</u> 7 & 8 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> Ch 17 & 18
	Oct 26	<b>FIELD TRIP</b> Seattle Aquarium	
6	Oct 31	Population Dynamics	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> 58-60 Miller, 7 <sup>th</sup> edition <u>Sustaining the Earth</u> Ch 5 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> Ch 8: 160-165 and Ch 11
	Nov. 2	Movie about Pops Human Population Activities	
7	Nov. 7	<b>QUIZ</b> Energy Non-renewable Energy Resources	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Ch 6 Miller, 7 <sup>th</sup> edition <u>Sustaining the Earth</u> Ch 6 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> Ch 19 & 20
	Nov. 9	Renewable Energy Resources - Student discussion	

<b>8</b>	Nov. 14	Water – too much and too little Water solutions	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Ch 12 Miller, 7 <sup>th</sup> edition <u>Sustaining the Earth</u> Ch 12 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> Ch 14
	Nov. 16	Water pollution Trash	
<b>9</b>	Nov. 21	<b>QUIZ</b> Movie: Empty Oceans, Empty Nets Discussion	
	Nov. 23	HOLIDAY	
<b>10</b>	Nov. 28	Soils and Agriculture	Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Ch 9 Miller, 7 <sup>th</sup> edition <u>Sustaining the Earth</u> 9 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> pp. 188-196  Miller 6 <sup>th</sup> Ed. <u>Sustaining the Earth</u> Ch 10 Miller, 7 <sup>th</sup> edition <u>Sustaining the Earth</u> Ch 10 Miller 10 <sup>th</sup> Ed. <u>Working with Earth</u> Ch 10
	Nov. 30	Environmental Toxicology	
<b>11</b>	Dec. 5	WRAP UP. <b>Presentations</b>	
	Dec. 7	<b>Presentations</b>	
<b>12</b>	Dec. 12	<b>No class</b>	
	Dec. 14	<b>QUIZ:</b> 1-3 pm	