

# CLASS SCHEDULE (FALL 2007)

## GEOL 007 EARTH HAZARDS

revision 8/28/07

<p>28-Aug HAZARDS OF THE SEMESTER intro survey week 1</p>	<p>30-Aug INTRODUCTIONS, RISKS, AND CLASS STRUCTURE</p>
NO SECTION	
<p>4-Sep EARTHQUAKES week 2 VIDEO = When the Earth Shakes, National Geographic <b>READING = Wrath of the Gods, July 2000, National Geographic, p. 32-70 – E-RESERVE</b> <b>READING = Geology and the Environment 5e, CHAPTER 3 Plate Tectonics and CHAPTER 4 Earthquakes – YOUR BOOK</b> FIND YOUR SECTION ROOM AND MEET YOUR TA (206 DELEHANTY HALL)</p>	<p>6-Sep EARTHQUAKES</p>
<p>11-Sep VOLCANOES week 3 QUIZ 1 VIDEO = Volcano, National Geographic <b>READING = John McPhee, Control of Nature, Cooling the Lava – YOUR BOOK</b> <b>READING = Geology and the Environment 5e, CHAPTER 5 Volcanoes – YOUR BOOK</b></p>	<p>13-Sep VOLCANOES</p>
SECTION 1 = EARTHQUAKES	
<p>18-Sep HURRICANES week 4 QUIZ 2 VIDEO = Hurricane, Discovery Channel <b>READING = Dissecting a hurricane, March 2000, Scientific American, p. 80-85 – E-RESERVE</b> <b>READING = Geology and the Environment 5e, CHAPTER 10 Coasts, p. 265-266, 293-299, and 304-305 – YOUR BOOK</b></p>	<p>20-Sep HURRICANES</p>
SECTION 2 = VOLCANOES	
<p>25-Sep NOR EASTERS week 5 QUIZ 3 VIDEO = The Perfect Storm, The Discovery Channel <b>READING = Nor'easters, American Scientist, volume 81, September/October, 1993, p. 428-439</b> <b>READING = Geology and the Environment 5e, CHAPTER 10 Coasts, p. 286-293 and 299 – YOUR BOOK</b></p>	<p>27-Sep NOR EASTERS Around Cape Horn, Mystic Seaport</p>
SECTION 3 = HURRICANES	
<p>2-Oct FLOODS week 6 QUIZ 4 VIDEO = The Awesome Power <b>READING = After the Deluge, National Geographic, November, 1999, p. 108- 129. E-RESERVE</b> <b>READING = Geology and the Environment 5e, CHAPTER 9 Hydrologic Hazards – YOUR BOOK</b></p>	<p>4-Oct FLOODS VIDEO = Vermont's 1927 flood</p>
SECTION 4 = NOR' EASTERS	
<p>9-Oct LANDSLIDES, MUDSLIDES and DEBRIS FLOWS week 7 QUIZ 5 VIDEO = Thunder on the Mountain, National Geographic <b>READING = John McPhee, Control of Nature, Los Angeles Against the Mountains – YOUR BOOK</b> <b>READING = Geology and the Environment 5e, CHAPTER 7 Mass Wasting – YOUR BOOK</b></p>	<p>11-Oct LANDSLIDES, MUDSLIDES and DEBRIS FLOWS VIDEO= Armero</p>
SECTION 5 = FLOODS	
<p>16-Oct ASTEROIDS week 8 QUIZ 6 VIDEO = Asteroids: deadly impact, National Geographic <b>READING = Rain of Iron and Ice, chapters 13 and 14 – E-RESERVE</b></p>	<p>18-Oct ASTEROIDS</p>
SECTION 6 = LANDSLIDES	
<p>23-Oct TSUNAMIS week 9 QUIZ 7 VIDEO = Killer Wave, National Geographic <b>READING = Tsunami, May 1999, Scientific American, p. 56-65 AND Tsunami-wave of change, 2005, Scientific American, p. 56-63 – E-RESERVE</b> <b>READING = Geology and the Environment 5e, p. 281-286, 301-302 and 305-306 – YOUR BOOK</b></p>	<p>25-Oct TSUNAMIS</p>
SECTION 7 = ASTEROIDS	
<p>30-Oct <b>NO CLASS</b> week 10 NATIONAL GEOLOGIC MEETING</p>	<p>1-Nov <b>NO CLASS</b> NATIONAL GEOLOGIC MEETING</p>
NO SECTION	
<p>6-Nov AVALANCHES week 11 QUIZ 8 VIDEO = Avalanche, Discovery Channel <b>READING = Discover Magazine, "Avalanche" – E-RESERVE</b> <b>READING = Geology and the Environment 5e, p. 195-197 – YOUR BOOK</b></p>	<p>8-Nov AVALANCHES</p>
SECTION 8 = TSUNAMIS	
<p>13-Nov GEOLOGIC CLIMATE CHANGE week 12 QUIZ 9 VIDEO = Rise and Fall of the Great Lakes <b>READING = Abrupt Climate Change, Scientific American, p. 62-69</b> <b>READING = Geology and the Environment 5e, p. 323-345 – YOUR BOOK</b></p>	<p>15-Nov HUMAN INDUCED CLIMATE CHANGE</p>
SECTION 9 = AVALANCHES	
<p>20-Nov <b>NO CLASS</b> week 13 THANKSGIVING</p>	<p>22-Nov <b>NO CLASS</b> THANKSGIVING</p>
NO SECTION	
<p>27-Nov CLIMATE CHANGE week 14 QUIZ 10 VIDEO = Too hot not to handle <b>READING = The human impact on climate, Scientific American, p. 98-105 – E-RESERVE</b> <b>AND Triumph of Fringe Science – E-RESERVE</b></p>	<p>29-Nov NUKES - Bombs, power, and people <b>READING = Rain of Iron and Ice, Intro and Chapter 4 – E-RESERVE; The great radium scandal, August 1993, Scientific</b></p>
SECTION 10 = CLIMATE CHANGE	
<p>4-Dec NUKES - Bombs, power, and people week 15 VIDEO = Atomic Café: Class will run until 1220 <b>READING - reviews of Atomic Café – E-RESERVE</b> <b>READING = Geology and the Environment 5e, p. 434-436 and 460-464 – YOUR BOOK</b></p>	<p>6-Dec Class evaluations, final survey QUIZ 11; papers handed back</p>
SECTION 11 = NUKES and EVALUATION	