

## GEOLOGY 125-002 NATURAL DISASTERS (Fall 2009)

- Class:** MWF 12:00-12:50 p.m., DeLoach Hall 212
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 Paul A. Thayer **Office:** DeLoach Hall 107 **Phone:** 962-3780 **E-mail:** [Thayer@uncw.edu](mailto:Thayer@uncw.edu)
- WWW Sites:** <http://people.uncw.edu/harrisw/> (First half of semester)  
<http://www.uncw.edu/people/thayer/Gly125> (Second half of semester)
- Office Hours:** **Harris:** MWF 9-11 a.m., MW 2-3:30 p.m.; R 8:30-9:30 a.m., or by appointment  
**Thayer:** MW 9 a.m.-noon & 1-2 p.m., F 9-11 a.m., or by appointment.
- Required Text:** *Natural Disasters*, 7<sup>th</sup> ed., 2009, Patrick L. Abbott, New York, McGraw Hill, 526 p.  
[www.mhhe.com/abbott7e](http://www.mhhe.com/abbott7e) (Click link for "Student Edition")
- Attendance:** Lecture attendance is expected. Because most exam material comes directly from lecture, it is essential to attend all classes. Attendance is taken and will be considered in final grading. You are allowed six absences without excuse. Absences in excess of six will result in three points being being deducted from your final average for each absence above six.
- Student Behavior:** The University of North Carolina Wilmington Code of Student Life states that students who "Conduct himself/herself in a manner that significantly interferes with the teaching, learning or operations of the university" are disruptive and subject to disciplinary action. In this class this includes the use of cell phones, text messaging, laptop computers, excessive talking, sleeping during class, arriving late to class, getting up and leaving class during lecture, etc.
- Grading:** Four (4) multiple choice exams; the lowest score on one of the four exams will be dropped. Each remaining exam = 33.3%. **Students must take exams on the dates given and must take the final exam. Make-up exams are not allowed. No extra credit is given.**  
**Exams:** 50 true-false, matching, and/or multiple choice questions.  
**Grading Scale:** 100-93 = A, 92.9-90 = A-, 89.9-87.5 = B+, 87.4-82.5 = B, 82.4-80 = B-, 79.9-77.5 = C+, 77.4-72.5 = C, 72.4-70 = C-, 69.9-67.5 = D+, 67.4-62.5 = D, 62.4-60 = D-, <60 = F.
- Readings:** The textbook is required. Read all assignments before class.

### Tentative Schedule

Date	Topic	Chapter
Aug 19 (W)	Plate tectonics and earthquakes .....	3
21 (F)	Plate tectonics and earthquakes .....	3
24 (M)	Earthquake geology and seismology .....	4
26 (W)	Earthquake geology and seismology .....	4
28 (F)	U.S., Canadian and Other Major Earthquakes.....	7
31 (M)	Volcanic eruptions: plate tectonics and magmas.....	8
Sep 2 (W)	Volcanic eruptions: plate tectonics and magmas.....	8
4 (F)	Volcanic eruptions: plate tectonic and magmas.....	8
7 (M)	<b>Labor Day Holiday</b>	
9 (W)	Volcanic case histories .....	9
11 (F)	Volcanic case histories .....	9
14 (M)	<b>Exam 1 (Chapters 3, 4, 7, 8, 9)</b>	
16 (W)	Mass movements .....	10
18 (F)	Mass movements .....	10
21 (M)	Mass movements .....	10
23 (W)	The coastline (p. 383-393).....	13
25 (F)	The coastline (p. 383-393).....	13
28 (M)	The coastline (p. 383-393).....	13
30 (W)	The coastline (p. 383-393).....	13
Oct 2 (F)	The Great dyings .....	16
5 (M)	<b>Fall Break</b>	
7 (W)	Impacts with space objects .....	17
9 (F)	<b>Exam 2 (Chapters 10, 13, 16, 17)</b>	
12 (M)	Natural disasters and the human population .....	1
14 (W)	Natural disasters and the human population .....	1
16 (F)	Natural disasters and the human population .....	1
19 (M)	Natural disasters and the human population .....	1
21 (W)	Hurricanes (p. 359-383).....	13
23 (F)	Hurricanes (p. 359-383).....	13
26 (M)	Hurricanes (p. 359-383).....	13
28 (W)	Tsunami .....	5
30 (F)	Tsunami .....	5
Nov 2 (M)	Tsunami .....	5
4 (W)	<b>Exam 3 (Chapters 1, 5, 13)</b>	
6 (F)	Weather Principles and Tornadoes .....	11
9 (M)	Weather Principles and Tornadoes .....	11
11 (W)	Weather Principles and Tornadoes .....	11
13 (F)	Weather Principles and Tornadoes .....	11
16 (M)	Weather Principles and Tornadoes .....	11
18 (W)	Weather Principles and Tornadoes .....	11
20 (F)	Floods .....	14
23 (M)	Floods .....	14
25 & 27 (W&F)	<b>Thanksgiving Break</b>	
30 (M)	Floods .....	14
Dec 2 (W)	Floods .....	14
4 (F)	<b>Final Exam 4, 11:30-2:30 (Chapters 11, 14)</b>	