

**Geology 106:** Introduction to Natural Hazards & Diasters (3433 B)  
**Lecture:** MW 12:30 – 2:40

**Rm:** B262

**Instructor:** Deborah Minium  
**Phone:** 564-1000  
**E-Mail:** dminium@bellevuecollege.edu  
**Office Hours:** *by appointment only*

**Required Texts:** *Natural Hazards – Earth's Processes as Hazards, Disaster and Catastrophes*  
**Second Edition** – Edward A. Keller & Robert H. Blodgett

**Lecture:** Attendance will not be taken; however exercises and discussions may be completed during class time. Exams will be based on lecture material as well as readings from the text, so it is highly recommended that you attend! It is in your best interest to complete the assigned readings *before* lecture. Interaction, questions, discussions are encouraged and expected.

**Quizzes:** There will be quizzes during the quarter, for a total of 100 points. Quizzes will be worth 10 points and be given in the first fifteen minutes of class each Wednesday.

**Exams:** There will be 2 midterms during the quarter worth 100 pts each (one approximately every month). There are no makeup exams so please carefully note the dates. The final exam will contain some material from the entire quarter. Each exam will include questions relating to the labs, as well as the lectures.

**Grades:**

Quizzes	100
2 Midterms 100 pts each	200
Final	<u>200</u>
Total	500 pts

**Extra Credit, Make-ups, Incompletes:** Because I would like to place current events in the context of the class, I will give an additional consideration for each "article" (or TWEET) you bring in concerning current events and news (no repeats from different sources). I usually offer one or two other short extra credit options during the quarter, as circumstances allow. *I do not allow any other type of extra credit, make-ups, or an incomplete.*

**IMPORTANT NOTE:** All assignments are due on the dates assigned, and will receive reduced credit if turned in late. Assignments will not receive any credit if turned in more than two days late. All assignments should be typed. Handwritten assignments will be returned for resubmittal.

**Science Division Policy on Cheating:** You, the student, are expected to conduct yourself with integrity. If you cheat\*, or aid someone else in cheating, you violate a trust. If you cheat, the following actions will be taken:

1. You will receive a grade of "0" on the work (exam, assignment, lab, quiz, etc.), where the cheating occurred. This grade cannot be dropped.
2. A report of the incident will be sent to the Dean of Students. He may file the report in your permanent record or take further disciplinary action such as suspension or expulsion from the college.

If you feel you have been unfairly accused of cheating, you may appeal. (For a description of due process, see WAC 132H-120.)\**Cheating includes, but is not limited to, copying answers on tests or assignments, glancing at nearby test papers, swapping papers, stealing, plagiarizing, and illicitly giving or receiving help on exams or assignments.*

<u>Lecture Syllabus</u>			
<b>Week</b>	<b>Date</b>	<b>Subject</b>	<b>Weekly Reading</b> (Chapters in Keller and Blodgett)
1	9/20	Introduction to Hazards	1
	9/22	Introduction to Hazards Plate Tectonics / Rock Cycle	
2	9/27	Magma, Rocks and Volcanic Eruptions	4
	9/29	Volcanic Eruptions - Hazards	
3	10/4	Earthquakes	2
	10/6	Earthquake Hazards	
4	10/11	Tsunamis – Cause & Affect of Earth Movement	3
	10/13	<b>MIDTERM EXAM 1</b>	
5	10/18	Flooding – River Systems	5
	10/20	Flood Control & Hazards	
6	10/25	Mass Wasting - Landslides	6
	10/27	<b>NO CLASS College Issues Day</b>	
7	11/1	Subsidence and Soils	7
	11/3	<b>MIDTERM EXAM 2</b>	
8	11/8	Atmosphere and Severe Weather	8
	11/10	Hydrologic Cycle - Storms	
9	11/15	Hurricanes and Cyclones	9
	11/17	Hurricane History/Disasters	
10	11/22	Waves, Currents and Coastlines	10
	11/24	Climate and Climate change	11
11	11/29	Wildfires	12
	12/1	Impacts and Extinctions	13
12	12/8	<b>FINAL EXAM 11:30 – 1:20</b>	

- All dates, topics, chapters, etc., are subject to change