

PROCEDURES AND GUIDELINES OF THE SOCIAL SCIENCE DIVISION

Cheating, Stealing and Plagiarism*

Cheating, stealing and plagiarizing (using the ideas or words of another as one's own without crediting the source) and inappropriate/disruptive classroom behavior are violations of the Student Code of Conduct at Bellevue Community College. Examples of unacceptable behavior include, but are not limited to: talking out of turn, arriving late or leaving early without a valid reason, allowing cell phones/pagers to ring, and inappropriate behavior toward the instructor or classmates. The instructor can refer any violation of the Student Code of Conduct to the Dean of Student Services for possible probation or suspension from Bellevue Community College. Specific student rights, responsibilities and appeal procedures are listed in the Student Code of Conduct, available in the office of the Dean of Student Services.

Incomplete

If a student fails to complete all the required work for a course, an instructor may assign the grade of Incomplete ("I"). The student must complete the coursework by the end of the next quarter, or receive the assigned letter grade (usually an "F").

F Grade

Students who fail a course will receive a letter grade of "F."

Final Examination Schedule

The Social Science Division will adhere to the final examination schedule as stated in the BCC Schedule. Final examinations will be held at the end of each quarter at fixed times. Instructors will not give examinations in advance of the regular schedule. A student who is absent from any examination held at any time during the quarter may forfeit the right to make up the examination. If, for illness or some other circumstance beyond the student's control, the student is unable to be present at any scheduled examination and has contacted the instructor on a timely basis, the student may be permitted to take such examination at a time designated by the instructor.

Withdrawal From Class

College policy states that students must formally withdraw from a class by the end of the seventh week of the quarter (Registration Office, B225). If a student has not withdrawn by that date, an appropriate letter grade will be assigned for the course.

Hardship Withdrawal

Instructors may assign the grade of "HW" (hardship withdrawal) at their discretion in the event that a student cannot complete the coursework due to extreme and exceptional circumstances. Students may also contact the Enrollment Services office BEFORE grades are assigned in cases of hardship.

Students Who Require Disability Accommodations:

Students with disabilities who have accommodation needs are encouraged to meet with the Disability Support Services (DSS) office located in B132 (telephone 425.564.2498 or TTY 425.564.4110), to establish their eligibility for accommodation. The DSS office will provide each eligible student with an accommodation letter. Students who require accommodation in class should review the DSS accommodation letter with each instructor during the first week of the quarter.

Students with mobility challenges who may need assistance in case of an emergency situation or evacuation should register with Disability Support Services, and review those needs with the instructor as well.

Distribution of Grades

Grades will not be posted in the Social Science Division or in faculty offices, and secretaries will not give out grades. Students should access their grades through the BCC Web site.

Return of Papers and Tests

Paper and/or Scantron score sheet returns will be arranged in the following ways ONLY: by mail, if student supplies the instructor with stamped, self-addressed envelope (with appropriate postage); or by the instructor designating a time and place whereby the student may retrieve his/her papers. Undelivered papers and/or Scantron score sheets must be kept by the instructor for a minimum of sixty (60) instructional days following the end of the quarter.

**If you are accused of cheating, stealing exams and/or plagiarism, there is a Bellevue Community College Student Discipline and Appeals Procedure (the right to due process) which you may pursue. Contact the office of Division Chair (A251), the Dean of Student Services (B231A) or the Associated Student Body (C212) for information regarding the appeals process.*

**GEOG/GEOL 106 Introduction to Natural Disasters and Hazards
(5 credits Natural Science)**

Mr. Roselle, Office: B100D
Spring Quarter, 2008
Classroom: D273 10:30-11:20 Daily

e-mail:drosette@bcc.ctc.edu
Phone: 425-564-2290
Office Hr. 8:20-9:20

Course Description and Objectives:

Geography 106 is a survey course. It is designed to introduce students to Earth and atmospheric potential hazards as reflected or evidenced by actual catastrophes or disasters. The course will strive to elevate student awareness regarding dangerous interactions between earth processes and humans, as well as the interrelationships among potential disasters. In doing so, students may be able to make more informed/educated decisions such as determining the best site location for a future home purchase. Throughout the course Case Studies are used to help understand the complexities of environmental policies, societal behaviors, and governmental responsibilities. A variety of relevant DVD's along with digital images, and slides will be used to enhance the delivery of information.

Text:

Natural Hazards and Disasters: 2006 Update, Hyndman and Hyndman, 2006, Thomson Publ.

Course requirements and policies:

A minimum of **60%** is required to pass. **FIVE** exams are scheduled, but only the best scores on four exams will count. The Final is not comprehensive. The Final is on **Weds., June 11 at 9:30** in D273. **Finals are not given early. No exceptions! The Final cannot be dropped.**

4 Exams @ 20% ea.		80%
Final @ 20%	-	<u>20%</u>
		100%

The lowest **Exam** score will be dropped.

NO EXAM MAKE UPS. Extra credit may or may not be found in the four exams and Final. Pop quizzes are a possibility.

Last day to withdraw: **12:00 noon, May 18 (Online)**. A "W" will be posted on transcript. Failure to withdraw by the above deadline will result in an "F" posted on transcript.

General Education Requirements

The Nature of Science: Rating ⇒ 3 Science and the Natural World: Rating ⇒ 3

This course transfers as natural science credit. The class can be taken as Geography or Geology credit to satisfy the College's distribution requirement in Sciences.

GRADE TABLE

<u>LETTER GRADE</u>	<u>GPA</u>	<u>PERCENTILE</u>
A	4.0	93-100
A-	3.7	90-92
B+	3.3	87-89
B	3.0	83-86
B-	2.7	80-82
C+	2.3	77-79
C	2.0	73-76
C-	1.7	70-72
D+	1.3	67-69
D	1.0	60-66
F	0.0	<60

COURSE OUTLINE

Section I. Introduction to Natural Hazards and Disasters

Course overview. Terminology. Living with natural hazard risks. Predicting catastrophe. Role of public education.

Read: **Chapter 1:** Natural Hazards and Disasters: Catastrophic Events in Nature

Section II. Plate Tectonics and Physical Hazards

Introduction to the Scientific Method. Plate tectonic theory. Plate boundaries and interactions. hot spot tectonics. Cascadian Subduction Zone.

Read: **Chapter 2:** Plate Tectonics and Physical Hazards
Chapter 5: Tsunami: The Great Wave

EXAM ONE

Section III. Earthquakes

How earthquakes work. Causes of earthquakes. Scaling earthquakes. Buildings and ground motion. Liquefaction and slope failure. Predicting and surviving earthquakes. Earthquakes and tectonic environments.

Read: **Chapter 3:** Earthquakes and Their Damages

Chapter 4: Earthquake Prediction and Tectonic Environments

E X A M T W O

Section IV. Volcanoes

Volcanic materials and hazards. Magma composition and eruptions. Types of volcanoes and associated eruptions.

Read: **Chapter 6:** Volcanoes: Materials, Hazards, and Eruptive Mechanisms

Chapter 7: Types, Behavior, and Risks

E X A M T H R E E

Section V. Catastrophic Weather

Hurricanes, typhoons, and cyclones. Nor'easters. Thunderstorms and tornadoes.

Read: **Chapter 14:** Hurricanes and Nor'easters

Chapter 15: Thunderstorms and Tornadoes

E X A M F O U R

Section VI. Streams and Flooding

Basics of stream dynamics. Stream types. The hydrograph. Floods. Development of floodplains. Human impact on stream dynamics.

Read: **Chapter 11:** Streams and Flood Processes

Chapter 12: Floods and Human Interactions

E X A M F I V E

Section VII. Potential Mega Disasters

'Ghosts of the Past'. Catastrophic floods of fire, ice, and water. The 'Bretz Floods'. Super Volcanoes. Slope failure and Mega-Tsunami. Collisions from space and mass extinctions.

Read: **Chapter 17: Impact of Asteroids and Comets**

FINAL

