



**ENVS 104.01W and 104L.1LW
Natural Disasters
SYLLABUS: Summer II 2014**

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COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings:

Textbook Required: Natural Disasters by Patrick Abbott, Ninth Edition. McGraw Hill.

Course Description:

This course is designed to increase your awareness about Natural Disasters. The Earth is definitely on the move today, and understanding *why* more natural disasters are occurring will increase your appreciation of the immense power of our planet.

The material and information for lecture will come from my personal research and publications; reading the textbook is imperative because it will be the focus of information on your unit tests. The recommended Internet resources I will give you are required for the information required to understand global locations. This will be a lot of data to learn in a short period of time, but the object is not to memorize every detail, but to achieve an understanding of the basic Earth processes and their global locations. If you are on campus, you will find it worthwhile to look at the

maps and globes in the library. As a result of this course, you will develop a renewed appreciation of the Earth and its inhabitants.

Prerequisites:

Intro to Geography, ENVS, or Geology preferred, but not required.

Student Learning Outcomes:

1. In the first part of this course, you will learn how natural disasters affect the cultural landscape;
2. In the second part of this course, you will learn how human beings influence the “impact” from natural disasters by altering the natural landscape;
3. During the entirety of the course, you will learn global geographic locations and become familiar with where natural disasters occur today, why they are increasing, and where they may occur in the future.

COURSE REQUIREMENTS

Instructional / Methods / Activities Assessments:

- A. Read each unit's overview, lecture, and textbook assignments.
- B. Complete all lab/mapping assignments and place into the weekly Unit Dropbox at the designated time.
- C. Complete an exam after each unit, beginning with Unit One.

Grading:

- Seven (7) unit exams; 100 pts each (75% of course grade)
- Six (6) mapping/lab assignments; 100 pts each (25% of course grade)

Unit Assignments:

- Each unit exam must be completed prior to starting the next unit, and will be available to take anytime within a designated 48-hour period. No make-up exams are offered.
- You have 2 hours (within the testing time) to complete each unit exam.
No unit exams or make-ups are graded once the next unit has begun.
- You will have seven (7) unit exams.
- You will have one (1) mapping assignment per unit as a lab exercise each week; the maps are to be placed into the respective weekly Dropbox at the time your exam opens; I grade all maps; no late map assignments are accepted.

Grade Scale:

The grading for this class is standard:

- 90-100 = A
- 80-89 = B
- 70-79 = C
- 60-69 = D
- Below 60 = F

TECHNOLOGY REQUIREMENTS

We will be utilizing various forms of learning tools available on-line, through lecture, your textbook, and on-line discussions. You will be required to monitor specific websites throughout this course, and will be submitting weekly mapping projects to me through the Dropbox icon on your course toolbar.

Each unit's material will consist of:

- An overview of the unit topic, the unit objectives, the unit assignments, and the lab assignments. When you click on a unit, you will be taken first to the requirements.

- Lecture consists of both my notes and your chapter reading assignments. Your unit assignments will be at the bottom of the lecture page.
- A unit test will be required after each unit. The tests will be based on lecture, book material, recommended Internet resources, and mapping. There will be no Mid-Term Exam or Final Exam for the Summer II course. 75% of your grade comes from the unit tests, and 25% of your grade comes from your lab assignment and mapping due at the end of each unit.

If the course software is new to you, it may help to go through the software tutorial. How to get started:

1. e-mail me to let me know that you are on line;
2. Read through the syllabus;
3. Click into Unit 1 to read the unit overview;
4. Read your chapter assignments and the lecture notes for Unit 1;
5. Get started!

Note: when you quit a session, always click on the "Exit Course" button at the bottom of your screen to save your work.

Students taking online classes at Texas A&M University-Commerce have the same rights as students enrolled in on-ground classes. The A&M-Commerce Student Guidebook details those rights and explains complaint and grievance procedures, as well as the Student Code of Conduct. Students have the right to appeal course grades, admissions committee decisions, or any adverse action taken by any *online* faculty against any student. The appeals process is the same for all types of appeals.

The student should first attempt to resolve the problem directly with the involved faculty member. Any computer problems, however, need to go directly to eCollege or campus IT.

COMMUNICATION AND SUPPORT

Interaction with Instructor Statement:

I have a particular love for this course because I have taught Natural Disasters at A&M Commerce for the past four years, and have an interactive blog about the increase in natural disasters caused by recent Earth changes. All lectures during this course will be from my research and my published articles. You will need to read each designated chapter in your textbook, also, as the unit tests focus on these chapters.

I monitor my emails regularly, so you can send me a message anytime. I will answer you back within 24 hours. Please feel free to email me at anytime to ask questions at Janet.Hull@tamuc.edu.

The time you spend for this course will be equal to the time spent for an on-ground course + lab credit. There are seven (7) units to complete for the Summer II session + lab assignments due at the end of each week. How you organize your daily schedule is completely up to you, but you must not fall behind. A unit test will be given after each unit. This course isn't hard, but it does consume a lot of time, especially completing your mapping activities each week to submit before each weekly test. If you don't get behind, you'll make it through O.K.

COURSE OUTLINE

Course Content By Unit:

1. Mapping – Unit 1. Global geographic locations of continents, major seas and oceans, mountain ranges, and islands in relation to global population

concentrations. This mapping provides the framework to understand the impact from natural disasters. (This lab will be your largest lab assignment.)

2. Internal Earth Forces – Unit 2. Knowledge of the Earth's internal processes enhances a deeper understanding of earthquakes, tsunamis, volcanoes, and violent storms in respect to the countries worldwide.
3. Plate Tectonics – Unit 3. The theory of Plate Tectonics and crustal movement provides the core to understanding natural disasters. This unit requires global mapping of global tectonic boundaries.
4. Tsunamis– Unit 4. Earthquakes cause tsunamis, which are one of the most damaging natural disasters on Earth. Not every earthquake spawns a tsunami, and Unit 4 (Chapter 8) explains how they form and their dangers.
5. Volcanoes - Unit 5. This unit requires mapping of active volcanoes, worldwide. Unit 5 introduces how a volcano forms, and the damage from different types of volcanoes. Unit 5 requires daily mapping of current volcanic eruptions.
6. Tornadoes and Storms – Unit 6. This unit introduces how tornadoes and thunderstorms form.
7. Space Objects- Unit 7. This unit introduces the types of extraterrestrial objects that can impact the Earth and cause global natural disasters.

COURSE AND UNIVERSITY PROCEDURES/POLICIES
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Course Specific Procedures:

On-line courses are dependent on your course syllabus. Make sure you read the syllabus carefully! The #1 key to success on-line is to keep up with your assignments every day. Do not procrastinate on any assignments or you will fall behind. You only have four and one-half weeks for this Summer II course, and the time will fly by quickly – keep up.

I took most of my graduate courses for my PhD on-line, and absolutely loved them. I set my own pace and never fell behind. The tests for each unit will be given one time only every week for everyone, however. The unit tests will be timed, so

you must know this material **before** each exam. **I do not give make-up exams or extra credit.**

University Specific Procedures:

ADA Statement

Students with Disabilities:

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library- Room 132

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

StudentDisabilityServices@tamuc.edu

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See *Code of Student Conduct* from *Student Guide Handbook*).