



LAMAR UNIVERSITY

MEMBER THE TEXAS STATE UNIVERSITY SYSTEM™

Syllabus

Lamar University, a Member of The Texas State University System, is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Associate, Baccalaureate, Masters, and Doctorate degrees (more details at <http://www.lamar.edu>).

Lamar University – Academic Partnerships

Department Earth and Space Sciences
Course Number GEOL-1390-8B-1
Course Title Introduction to Environmental & Physical Geology
Adjunct Instructor Ms. Jennifer Knapp

Contact Information: LU Learn (Blackboard) Email and Notifications.

Course Materials

Required Text: This is a package that has been set-up for this course at Lamar Bookstore and includes the textbook, hazard city, and interactive animations. [If you do not purchase the book through the bookstore make sure you have the 5th edition along with purchasing access to Hazard City] *Introduction to Environmental Geology & Mod Hazard City* by Edward A. Keller:

ALC UNBND INTRO ENVI GEO & MOD MST HAZRD PKG, 5/E

KELLER

ISBN-10: 0134661281

ISBN-13: 9780134661285

Publisher: Pearson

Copyright: 2012

This package includes:

Author	Description	Ed	CRY
KELLER	ALC UNBND INTRO ENVI GEO	5	2012
KELLER & DEVECCHIO	MOD MST HAZRD C SAC NAT	5	2015

Course Description

The goal of this course is to introduce the student to the relationship between human activities, geologic resources and processes, and environmental quality. Topics include the relationship between human populations and geologic hazards, as well as how human activities may increase the chances of geologic hazards occurring. Emphasis will be from the geologic perspective, but will include all basic sciences.

Course Objectives and Student Learning Outcomes

Students who successfully complete this course will be able:

1. Describe the scientific method as applied in the earth sciences; and
2. Explain the theory of plate tectonics in regards to natural hazards such as earthquakes and volcanic activity; and
3. Describe how earth processes create hazards to life and property; and
4. Explain the incidence and development of earth resources and noteworthy environmental effects caused by their extraction, processing, and use; and
5. Explain the major sources of water, sediment, and soil pollution and methods for their management; and
6. Describe the causes and effects of global climate change; and
7. Analyze human population growth in regards to sustainability.

Academic Prerequisites

Admission to Lamar University.

Technology Prerequisites

Students are not required to have advanced technology training or skills in order to be successful in the class. They should, however, feel confident about their ability to navigate through typical online websites and their ability to use common word processing software in order to submit written assignments. The minimum technical skills and the system requirements for this course:

System Requirements:

Computer/Technology Requirements

1. Students will need regular access to a computer with a broadband Internet connection. The minimum computer requirements are:
 - Any current Flash-compliant browser (recent versions of **Firefox**)
 - *Please note that Blackboard may not support Safari, Internet Explorer or Chrome.*
 - 4GB of RAM, 8 GB or more preferred
 - Broadband connection (cable modem, DSL, or other high speed) required – courses are heavily video intensive
 - Video display capable of high-color 16-bit display – 1024 x 768 or higher resolution
 - A webcam, sound card, and speakers or a headset
 - Current anti-virus software must be installed and kept up to date.
 - Students will need some additional free software for enhanced web browsing. Be certain to download the free versions of the software.
 - Firefox (<http://www.mozilla.org>)
 - Adobe Reader (<https://get.adobe.com/reader/>)

- Adobe Flash Player (<http://get.adobe.com/flashplayer>)
 - Java (<http://www.java.com>)
 - Most home computers purchased within the last 3-4 years meet or surpass these requirements.
2. At a minimum, students must have Microsoft Office 2007 or later, Open Office, or Student Office for Mac. Microsoft Office is the standard office productivity software utilized by faculty, students, and staff. Microsoft Word is the standard word processing software, Microsoft Excel is the standard spreadsheet software, and Microsoft PowerPoint is the standard presentation software. Copying and pasting, along with attaching/uploading documents for assignment submission will also be required. If you do not have Microsoft Office or Student Office for Mac, you can check with the bookstore to see if they have any student copies.

Technology Skills Requirements

You need to be able to:

- Navigate websites, including downloading and reading files from them.
- Download and install software or plug-ins such as Window Media Player, Quicktime, Silverlight or Flash.
- Use e-mail, including attaching and downloading documents/files from e-mail.
- **Save files in commonly used word processing formats (.doc, .docx, .pdf).**
- Copy and paste text and other items in computer documents.
- Save and retrieve documents and files on your computer.
- Locate information on the Internet using search engines.
- Locate information in the library using the online catalog.

Students with Disabilities

For students with disabilities, this course will comply with all accommodations prescribed by the Lamar University the Disability Resource Center (DRC). **It is the responsibility of the student to insure that the instructor has been informed of all prescribed accommodations.** Lamar University's Disability Resource Center offers a variety of services designed to provide for students with disabilities and can be contacted at (409) 880-8347 or emailed at DRC@lamar.edu

The Office of Disability Resource Center offers a variety of services designed to assure students with disabilities equal access to the university's activities, programs and services. Some of the services provided include academic accommodations, assistive equipment, communication access service providers, note-takers, physical access and priority registration. Documentation of a disability from a professional in the field is required to receive services.

Students with disabilities should notify the director of DRC prior to registration in any university program. The director will arrange a meeting with the student to determine reasonable academic adjustments/accommodations. The Office of Disability Resource Center is located in 105 Communication Building. Students may write to P.O. Box 10087, Beaumont, Texas 77710, call 409.880.8347, fax 409.880.2225 or e-mail DRC@lamar.edu. Additional information is available at the DRC web site, <http://www.lamar.edu/disability-resource-center/>.

Response Times

Emails are answered on a first come first serve bases within 24 to 48 hours. Emails will not be answered after 10 pm. Response times on exams may take longer then 24 to 48 hours depending on the situation and the number of students involved. Assignments and Discussions will be graded within a two-week period. Hazard City is automatically graded when submitted.

Services Used in This Class

Web access to Pearson Hazard City for Mastering Geology and Interactive Animations will be accessed through LU Learning (Blackboard). These assignments are set-up on Eastern Standard Time (EST) [Meaning 11:59 pm EST = 10:59 pm CST]. Pearson Privacy Policy information can be located at:

<https://register.pearsoncmg.com/w3c/Pearson%20Education%20Privacy%20Policy>. YouTube Videos will also be utilized. Policy and Safety can be located at:
<https://www.youtube.com/yt/policyandsafety>.

Student Services

Information on Student services can be located at <http://students.lamar.edu/student-services/index.html>

Academic Integrity Statement

Lamar University expects all students to engage in academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in their academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. Disciplinary proceedings may be initiated against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion, and the abuse of resource materials.

Plagiarism shall mean the appropriation of another's work or idea and the unacknowledged incorporation of that work or idea into one's own work offered for credit.

Collusion shall mean the unauthorized collaboration with another person in preparing work offered for credit.

Abuse of resource materials shall mean the mutilation, destruction, concealment, theft or alteration of materials provided to assist students in the mastery of course materials.

Academic work shall mean the preparation of an essay, report, problem, assignment, creative work or other project that the student submits as a course requirement or for a grade.

Students are specifically warned against all forms of plagiarism, which include "purchasing, or otherwise acquiring and submitting as one's own work any research paper or other writing assignment prepared by an individual or firm." Plagiarism is defined as, "the appropriation and the unacknowledged incorporation of another's work or ideas into one's own offered for credit" (82). Students seeking to avoid plagiarism should consult either the course instructor or the most recent addition of the *MLA Handbook for Writers of Research Papers*. The course instructor will complete a thorough and impartial investigation of any instance of academic dishonesty. A student found guilty of academic dishonesty; will be notified in writing by the instructor of the violation, the penalty, and the student's right to appeal the determination of dishonesty and/or the

sanction imposed. Penalties for academic dishonesty in this course will result in either a lowered letter grade or failure of the course as determined by the instructor.

Copyright Policy Statement

Copyright is defined as the ownership and control of the intellectual property in original works of authorship, which are subject to copyright law. As an institution of higher learning that values intellectual integrity, Lamar University prohibits the distribution of published materials (print or electronic) in violation of copyright law.

Netiquette (Online Etiquette) Statement

Please adhere to the same standards of behavior and professional respect online that you would follow in face-to-face communication with others, but most particularly when writing email and when taking part in collaborative and discussion board activities. Lamar provides access to network resources, including the Internet, in order to support learning and to prepare students for the 21st century world. Students, however, are expected to adhere to the *Lamar University Acceptable Use Policies when Using Networks*. More comprehensive student code of conduct can be found at <http://students.lamar.edu/student-handbook.html#generalprovisions>.

- **Acceptable Use**

Students must respect the integrity and security of LU's computer systems and network, and the privacy and preferences of other users. Responsibility for learning about and complying with LU's Acceptable Use Policy ultimately rests with the individual. The network may be used to download, copy, or store any software, shareware, digital media files or freeware, as long as the use complies with copyright law; licensing agreements, and campus policies such as storage space limitations and network bandwidth restrictions. The network may not be used for any activity, or to transmit any material, that violates United States or local laws.

- **Unacceptable use**

The network may not be used for commercial purposes. Advertising and sponsorships on UW web sites is restricted. In addition, students may not permit other persons to use their usernames, passwords, accounts or disk space, or disclose their usernames, passwords or account information to any third party. Students may not log on to someone else's account, Internet address, or other network codes, or attempt to access another user's files. Students may not create false or dummy accounts to impersonate someone else. Students may not try to gain unauthorized access ("hacking") to the files or computer systems of any other person or organization. Students may not impersonate another person by forging e-mail, web pages or other electronic media. Students, who maliciously access, alter, delete, damage or destroy any computer system, computer network, computer program, or data will be subject to disciplinary action by LU, and criminal prosecution as well. Students may not disrupt or attempt to disrupt network traffic, and they may not attempt to monitor or capture network traffic in any way. Finally, students may not intentionally create, store, display, print or transmit information that violates the university's Sexual Harassment Policy.

General Guidelines to Respect All Participants

- Respect the right of each person to disagree with others.
- Treat people the same as you would face-to-face.
- Respect the time of others.

Guidelines When Communicating with Others (email, discussion, blogging, and etc.)

- Always sign your names to any contribution you choose to make.
- Be constructive in your responses to others in the class.
- Do not use all caps. (Doing so may be interpreted as shouting)
- Re-read your postings before sending them.
- Always think before you write.
- Respond respectfully.
- Use appropriate grammar and structure.
- Spell-check your postings.
- Use short paragraphs focused on one idea
- Use appropriate business language at all times

Distance Education Librarian

Distance education students and faculty have access to a dedicated distance education librarian. Contact information and a full account of services can be found at <http://vmlibweb.lamar.edu/distanceed/distedservice.htm>

Lamar University Privacy Policy Statement

Student records maintained by Lamar University comply with the Family Education Rights and Privacy Act of 1974 as amended (PL93-380). Detailed information should be accessed through this link: <https://sacs.lamar.edu/catalog/PrefMaterial/V.GenAcademicPol.htm#edurights>.

Grading Policy and Evaluation

Your final grade will be calculated by adding the total number of points for assignments including Module Exams, Discussion Boards, Hazard City, Interactive Animations and Misc. Assignments [divide by 825] then applying the following percentage scale.

Assignments		Total points
Module Exams	5 x 100 pts	500
Discussion Board	10 x 12 pts	120
Hazard City Investigations	9 x 15 pts	135
Misc. Assignments / Interactive Animations / Video Clips		70
Total Points		825

- **A = 90% or Higher**
- **B = 80% - 89%**
- **C = 70% - 79%**
- **D = 60% - 69%**
- **F = 59% and Lower**

Progress Monitors

At the end of each week there is a Progress Monitor (quiz) set-up. You are not required to complete the progress monitors, but I strongly recommend that you to do so. Many of the questions on these progress monitors will appear on your exams. The progress monitors have been designed to help you determine your knowledge of the content learned. Students that take the time to evaluate their own learning acquire greater comprehension in the subject matter thus a higher grade.

Make-up Work

No make-up work will be accepted unless the student has circumstances beyond ones control and initiates **Prior** arrangements that are approved. Active participation is vital throughout the fifteen-week course for academic success. There will be an **Optional Comprehensive Final** that will replace a missed or low exam score. Most weeks will run Monday through Sunday with the exception of Week 15, which ends on a Friday- December 8th.

Drop Dates: Fall 2017

Drop Date With Refund: September 6, 2017

CENSUS / Non payment Drop: September 12, 2017

Drop Date without Academic Penalty: September 29, 2017

Drop Date with Academic Penalty: November 3, 2017

This course adheres to the add/drop standards for each term as stated by Lamar University. For more details, refer to the [Lamar Academic Calendar](#). If the link does not work, visit Lamar University at <http://www.lamar.edu>, and search the site with the term, “Academic Calendar.”

Course Evaluation

Instruction as well as student performance is subject to evaluation. Procedures for evaluation will be provided near the end of this course.

myLamar Portal

Students are asked to obtain a Lamar Electronic Account username and password so they can log onto the myLamar Web site. Students may get information on how to get into the myLamar Web site from the University’s homepage (<http://www.lamar.edu>) by clicking on the myLamar link on the left top corner of the screen. Follow the steps to secure your myLamar username and password. Access to library resources is described on the Academic Partnership page, also available through the <http://www.lamar.edu>.

Emergency Procedures

Many types of emergencies can occur on campus; instructions for specific emergencies such as severe weather, active shooter, or fire can be found at

<HTTP://WWW.LAMAR.EDU/ABOUT-LU/ADMINISTRATION/RISK-MANAGEMENT/INDEX.HTML>

Severe Weather:

- Follow the directions of the instructor or emergency personnel
- Seek shelter in an interior room or hallway on the lowest floor, putting as many walls as possible between you and the outside
- If you are in a multi-story building, and you cannot get to the lowest floor, pick a hallway in the center of the building
- Stay in the center of the room, away from exterior walls, windows, and doors

Violence / Active Shooter (CADD):

- **CALL-** 9-1-1
- **AVOID-** If possible, self-evacuate to a safe area outside the building. Follow directions of police officers.
- **DENY-** Barricade the door with desk, chairs, bookcases or any items. Move to a place inside the room where you are not visible. Turn off the lights and remain quiet. Remain there until told by police it's safe.
- **DEFEND-** Use **chairs, desks, cell phones or whatever is immediately available to distract and/or defend yourself and others from attack.**

Academic Continuity Statement

In the event of an announced campus closure in excess of four days due to a hurricane or other disaster, students are expected to login to Lamar University's website's homepage (www.Lamar.edu) for instructions about continuing courses remotely.

Instructional Associates (if applicable- based on student numbers within course)

The information about Instructional Associates will be provided through an email. Instructional Associates have been selected based upon their teaching experiences and accomplishments, their interest in environmental and physical geology, and their pedagogical understanding about geologic hazards. Course activities, assignments, questions, and correspondence are to be emailed to the Instructional Associates. They are ready to help. University faculty members have ultimate responsibility for all assessments and final course grades. Each semester, faculty members will conduct random reviews of materials to ensure inter-rater reliability among all Instructional Associates.

Monday: August 28 – Friday: December 8, 2017

Course Content Outline: Changes to this syllabus can take place at any time.

Course Content and Assignments	
<p>Week 1: Aug. 28 – Sept. 3</p>	<p>Module 1 - Foundations of Environmental Geology</p> <p>Readings</p> <ul style="list-style-type: none"> • Welcome and Introduction • Course Syllabus: Print Hard Copy • Chapter 1: Philosophy and Fundamental Concepts • Chapter 4: Ecology and Geology <p>Videos</p> <ul style="list-style-type: none"> • Welcome and Introduction • Module 1: Overview • Week 1: Overview • Scientific Process <p>Assignments</p> <ul style="list-style-type: none"> • Read Me First: Letter of Understanding / Submit by Sunday • Discussion: Introduce Yourself [Post ASAP] • Watch Video & Interactive Animations (located within Hazard City): Chapter 1 & 4 (IA-1) [due Sun. by 10:59 CST] • Discussion Board: Topic Summaries (DB-1) [First Posting Due by Friday] • Hazard City: Intro to Mastering Geology [due Sun. by 10:59 pm CST] <p>Assessment</p> <ul style="list-style-type: none"> • Optional Progress Monitor (Qz-1): [Closes on Sunday at 11:59 pm]
<p>Week 2: Sept. 4 – Sept. 10</p>	<p>Module 1 - Foundations of Environmental Geology</p> <p>Readings</p> <ul style="list-style-type: none"> • Chapter 2: Internal Structure of Earth and Plate Tectonics <p>Videos</p> <ul style="list-style-type: none"> • Week 2: Overview • Geology Kitchen / Geosciences <p>Assignments</p> <ul style="list-style-type: none"> • Interactive Animations: Chapter 2 (IA-2) [due Sun. by 10:59 CST] • Geology Kitchen: Plate Tectonics / Types of Plate Boundaries • Hazard City: Map Reading-Optional BUT highly suggested for map skills (HC-1) [due Sun. by 10:59 pm CST]

	<p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-2): [Closes on Sunday at 11:59 pm]
<p>Week 3: Sept. 11 – Sept. 17</p>	<p>Module 1 - Foundations of Environmental Geology</p> <p>Readings</p> <ul style="list-style-type: none"> • Chapter 3: Minerals and Rocks <p>Videos</p> <ul style="list-style-type: none"> • Week 3: Overview • Geology Kitchen / Geosciences <p>Assignments</p> <ul style="list-style-type: none"> • Discussion Board (DB-2) [First Posting Due by Friday] • Videos / Interactive Animations: Chapter 3 (IA-3) [due Sun. by 10:59 pm CST] <p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-3): [Closes on Saturday at 11:59 pm] • <u>Exam 1: Chapters 1 – 4 (Sunday Only from 6 am to 11:59 pm)</u>
<p>Week 4: Sept. 18 – Sept. 24</p>	<p>Module 2: Earth Processes and Natural Hazards (Part 1)</p> <p>Readings</p> <ul style="list-style-type: none"> • Chapter 5: Introduction to Natural Hazards <p>Videos</p> <ul style="list-style-type: none"> • Module 2: Overview • Week 4: Overview <p>Assignments</p> <ul style="list-style-type: none"> • Interactive Animations: Chapter 5 (IA-4) [due Sun. by 10:59 CST] • Discussion Board (DB-3) [First Posting Due by Friday] • Hazard City: Earthquake Damage Assessment (HC-2) [Due Sun by 10:59 pm] <p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-4) [Closes on Sunday at 11:59 pm]
<p>Week 5: Sept. 25 – Oct. 1</p>	<p>Module 2: Earth Processes and Natural Hazards (Part 1)</p> <p>Readings</p> <ul style="list-style-type: none"> • Chapter 6: Earthquakes • Chapter 7: Tsunami <p>Videos</p> <ul style="list-style-type: none"> • Week 5: Overview • Video Clip: Tsunami <p>Assignments</p>

	<ul style="list-style-type: none"> • Video Clip / Interactive Animations: Chapter 6 & 7 (IA-5) [due Sun. by 10:59 CST] • Hazard City: Tsunami / Storm Surge (HC-3) [Due Sun by 10:59 pm] <p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-5) [Closes on Sunday at 11:59 pm]
<p>Week 6: Oct. 2 – Oct. 8</p>	<p>Module 2: Earth Processes and Natural Hazards (Part 1)</p> <p>Readings</p> <ul style="list-style-type: none"> • Chapter 8: Volcanic Activity <p>Videos</p> <ul style="list-style-type: none"> • Week 6: Overview • Mt. St. Helen <p>Assignments</p> <ul style="list-style-type: none"> • Mt. St. Helen / Interactive Animations: Chapter 8 (IA-6) [due Sun. by 10:59 CST] • Discussion Board (DB-4) [First Posting Due by Friday] • Hazard City: Volcanic Hazard Assessment (HC-Optional) [Due Sun. by 10:59 CST] <p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-6) [Closes on Saturday at 11:59 pm] • <u>Exam 2: Chapters 5 – 8 (Sunday Only from 6 am to 11:59 pm)</u>
<p>Week 7: Oct. 9 – Oct. 15</p>	<p>Module 3: Earth Processes and Natural Hazards (Part 2)</p> <p>Readings</p> <ul style="list-style-type: none"> • Chapter 9: Rivers and Flooding <p>Videos</p> <ul style="list-style-type: none"> • Module 3: Overview • Week 7: Overview • Film Clip: Floods <p>Assignments</p> <ul style="list-style-type: none"> • Floods / Interactive Animations: Chapter 9 (IA-7) [due Sun. by 10:59 CST] • Discussion Board (DB-5) [First Posting Due by Friday] • Hazard City: Flood Insurance Rate Maps (HC) [Due Sun. at 10:59 pm] <p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-7) [Closes on Sunday at 11:59 pm]
<p>Week 8:</p>	<p>Module 3: Earth Processes and Natural Hazards (Part 2)</p> <p>Readings</p>

<p>Oct. 16 – Oct. 22</p>	<ul style="list-style-type: none"> • Chapter 10: Slope Processes, Landslides, and Subsidence <p>Videos</p> <ul style="list-style-type: none"> • Week 8-Overview <p>Assignments</p> <ul style="list-style-type: none"> • Interactive Animations: Chapter 10 (IA-8) [due Sun. by 10:59 CST] • Hazard City: Landslide Triggers (HC-5) Due Sun. by 10:59 pm CST] • Hazard City: Landslide Hazard Assessment (HC-6) [Due Sun. by 10:59 pm CST] <p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-8) [Closes on Sunday at 11:59 pm]
<p>Week 9: Oct. 23 – Oct. 29</p>	<p><i>Module 3: Earth Processes and Natural Hazards (Part 2)</i></p> <p>Readings</p> <ul style="list-style-type: none"> • Chapter 11: Coastal Processes • Chapter 12: Impact of Extraterrestrial Objects <p>Videos</p> <ul style="list-style-type: none"> • Week 9: Overview <p>Assignments</p> <ul style="list-style-type: none"> • Interactive Animations: Chapter 11 (IA-9) [due Sun. by 10:59 CST] • Discussion Board (DB-6) [First Posting Due by Friday] <p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-9) [Closes on Saturday at 11:59 pm] • <u>Exam 3: Chapters 9 – 12 (Sunday Only from 6 am to 11:59 pm)</u>
<p>Week 10: Oct. 30 – Nov. 5</p>	<p><i>Module 4: Resources and Pollution</i></p> <p>Readings</p> <ul style="list-style-type: none"> • Chapter 13: Water Resources • Chapter 14: Water Pollution <p>Videos</p> <ul style="list-style-type: none"> • Week 10: Overview <p>Assignments</p> <ul style="list-style-type: none"> • Interactive Animations: Chapter 13 (IA-10) [due Sun. by 10:59 CST] • Discussion Board (BD-7) [First Posting Due by Friday] • Hazard City: Groundwater Contamination (HC-7) [Due Sun by 10:59 pm CST] <p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-10) [Closes on Sunday at 11:59 pm]

<p>Week 11: Nov. 6 – Nov. 12</p>	<p>Module 4: Resources and Pollution</p> <p>Readings</p> <ul style="list-style-type: none"> • Chapter 16: Energy Resources <p>Videos</p> <ul style="list-style-type: none"> • Week 11: Overview • Plundering Appalachia - The Tragedy of Mountaintop-Removal Coal Mining <p>Assignments</p> <ul style="list-style-type: none"> • Coal Country / Interactive Animations: Chapter 16 (IA-11) [due Sun. by 10:59 CST] • Hazard City: Coal Property Evaluation (HC-8) [Due Sun. by 10:59 pm CST] <p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-11) [Closes on Sunday at 11:59 pm]
<p>Week 12: Nov. 13 – Nov. 19</p>	<p>Module 4: Resources and Pollution</p> <p>Readings</p> <ul style="list-style-type: none"> • Chapter 15: Mineral Resources and the Environment • Chapter 17: Soils and Environment <p>Videos</p> <ul style="list-style-type: none"> • Week 12: Overview <p>Assignments:</p> <ul style="list-style-type: none"> • Discussion Board (DB-8) [First Posting Due by Friday] <p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-12) [Closes on Saturday at 11:59 pm] • <u>Exam 4: Chapters 13 – 17 (Sunday Only from 6 am to 11:59 pm)</u>
<p>Week 13: Nov. 20 – Nov. 26</p>	<p>Module 5: Environmental Management, Global Perspective, and Society</p> <p>Readings</p> <ul style="list-style-type: none"> • Chapter 18: Global Climate Change <p>Videos</p> <ul style="list-style-type: none"> • Module 5: Overview • Week 13: Overview • YouTube: <i>Chasing Ice</i> <p>Assignments</p> <ul style="list-style-type: none"> • Videos / Interactive Animations: Chapter 18 (IA-12) [due Sun. by 10:59 CST] • Hazard City: Shoreline Property Assessment (HC-9) [Due Sun. by

	<p>10:59 pm CST]</p> <ul style="list-style-type: none"> • Discussion Board (DB-9) [First Posting Due by Friday] <p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-13) [Closes on Sunday at 11:59 pm]
<p>Week 14: Nov. 27 – Dec. 3</p>	<p><i>Module 5: Environmental Management, Global Perspective, and Society</i></p> <p>Readings</p> <ul style="list-style-type: none"> • Chapter 19: Geology, Society, and the Future <p>Videos</p> <ul style="list-style-type: none"> • Week 14: Overview <p>Assignments</p> <ul style="list-style-type: none"> • Hazard City: Landfill Site Hazard Assessment (HC-10) [Due Sun. by 10:59 pm CST] <p>Assessment</p> <ul style="list-style-type: none"> • Progress Monitor (Qz-15) [Closes on Saturday at 11:59 pm] • <u>Exam 5: Chapters 18 & 19 (Sunday Only from 6 am to 11:59 pm)</u>
<p>Week 15 Short Week! Dec. 4 – Dec. 8 [Last Class Day- Friday, Dec 8th]</p>	<p>Videos</p> <ul style="list-style-type: none"> • Week 15: Wrap-up <p>Assignment</p> <ul style="list-style-type: none"> • Summary of Five Fundamental Concepts • Discussion Board (DB-10) [First Posting Due by Tuesday] • Hazard City: Snowpack (Optional) [Due Friday by 10:59 pm CST] <p>Assessment</p> <p><u>Optional Final Comprehensive Exam – All chapters (replaces lowest exam). (Friday Only from 6 am to 11:59 pm)</u></p>