**Course Syllabus**

***QUICK MENU***

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**Summary**

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| **Course Title** | The Geography of Natural Disasters |
| **Course No.** | GEOG16334 |
| **CRN** | 10043 |
| **Start/End Dates** | 12/29/20 - 01/18/21 |
| **Term/Module** | Winter Session 2020/21 |

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| **Delivery Method** | **Number of Face-to-Face Meetings** |
| Online | 0 |

**Course Description**

The goal of this course is to develop an understanding and appreciation of natural hazards and how they can lead to disaster. The hazards of living on earth will be introduced and explored in a systematic manner.

This includes geologic, atmospheric and geomorphological hazards, including earthquakes, volcanic eruptions, floods, droughts, storm surge, tsunami and landslides. Physical and socioeconomic impacts are considered along with methods available for hazard mitigation.

**Instructor**

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|  |  |
| --- | --- |
| **Name** | Charles McGlynn, PhD |
| **Email** | mcglynn@rowan.edu |
| **Phone** | 856-256-4811 |
| **Virtual  Office Hours** | Post questions and comments for the instructor to the Office Hours board (in **Discussions** Area). The instructor will respond within approximately 48 hours. For faster or more private correspondence, use email or phone. |

**Objectives**

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To learn about the internal structure of the earth and earth’s systems. The course also offers insight into how Earth's systems are constantly seeking equilibrium and the hazards to humans resulting from these mechanisms that include tornadoes, earthquakes, floods, volcanoes and more.

Finally, this course offers students the ability to gain an understanding and appreciation for the five fundamental concepts of Natural Hazards: 1) Science can help us predict hazards, 2) Knowing hazard risks can help people make informed decisions, 3) Linkages exist between natural hazards, 4) Humans can turn disastrous events into catastrophes, 5) The consequences of hazards can be minimized

**Prerequisites**

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None

**Materials and Texts**

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* Natural Hazards: Earth's Processes as Hazards, Disasters, and Catastrophes (4th Edition) ISBN-13: 978-0321939968

**Schedule**

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**The following schedule is tentative and may be changed with prior notification from the instructor.**

|  |  |  |
| --- | --- | --- |
| **Week** | **Start Date** | **Readings, Activities & Assignments** |
| **Week 1 (Lessons 1, 2, & 3)** | | |
| **Week 1 Lesson 1** | 12/29/20 | **Readings:**   * Chapter 1   **Lectures:**   * Lecture 1   **Discussions:**   * DQ 1   **Assignments:**   * Assignment 1 * Major Assignment 1 * Major Assignment 2 |
| **Week 1 Lesson 2** |  | **Readings:**   * Chapter 2   **Lectures:**   * Lecture 2   **Discussions:**   * DQ 2   **Assignments:**   * Assignment 2 * MA2 - Part 1 due |
| **Week 1 Lesson 3** |  | **Readings:**   * Chapter 3 and 4   **Lectures:**   * Lecture 3   **Discussions:**   * DQ 3   **Assignments:**   * Assignment 3 * Major Assignment 1 due |
| **Week 2 (Lessons 4, 5, & 6)** | | |
| **Week 2 Lesson 4** | 01/05/21 | **Readings:**   * Chapter 5   **Lectures:**   * Lecture 4   **Discussions:**   * DQ 4   **Assignments:**   * Assignment 4   **Exams:**   * Exam 1 |
| **Week 2 Lesson 5** |  | **Readings:**   * Chapter 6   **Lectures:**   * Lecture 5   **Discussions:**   * DQ 5   **Assignments:**   * Assignment 5 |
| **Week 2 Lesson 6** |  | **Readings:**   * Chapter 7 and 8   **Lectures:**   * Lecture 6   **Discussions:**   * DQ 6   **Assignments:**   * Assignment 6 |
| **Week 3 (Lessons 7 & 8)** | | |
| **Week 3 Lesson 7** | 01/12/21 | **Readings:**   * Chapter 9   **Lectures:**   * Lecture 7   **Discussions:**   * DQ 7   **Assignments:**   * Assignment 7 * Major Assignment 2 due |
| **Week 3 Lesson 8** |  | **Readings:**   * Chapter 10   **Lectures:**   * Lecture 8   **Discussions:**   * DQ 8   **Assignments:**   * Assignment 8   **Exams:**   * Exam 2 |

**Assignment Outline**

**Major Assignment 1 and 2** are group assignments.

**Quiz and Exam Policy**

There will be 2 fully online quizzes and or exams in this course. Detailed information is provided in the week in which each exam is administered. Exams must be submitted by their posted due date.

During all quizzes and examinations, students are permitted to use the following resources:

* Textbook(s) by specific title
* Handwritten or typed notes
* Notes on your computer
* Internet access or web sites of any kind other than the Canvas LMS system
* **No** use of mobile phones or other devices other than the device on which you will take the exam

**IMPORTANT REMINDER:** Each student is expected to work on this **individually** and within the confines of the University Academic Honesty Policy (see <http://www.rowanonline.com> for University Policies and details).

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**Grading**

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**Late Work Policy**

Please note: If you need to miss any due date as a result of extenuating circumstances, please contact your instructor, before the due date passes. A grace period to submit a course activity (e.g., An assignment, discussion, exam, etc.) may be granted, but is at the sole discretion of your instructor. Without a preauthorized grace period, late submissions will be penalized by 25% for each day late and a grade of 0 will be applied on the 4th day after the due date.

**Final Grade Breakdown**

|  |  |
| --- | --- |
| **Grading Criteria/Assignment** | **Points/Percentage** |
| Two Examinations | 20% each = 40% |
| MA1 | 10% |
| Weekly Assignments | 20% |
| Weekly Discussions | 10% |
| MA2 | 20% |
| **Total** | **100%** |

**Grading Scale**

|  |  |  |  |
| --- | --- | --- | --- |
| **A** | 93 and Up | **C** | 74 – 76 |
| **A-** | 90 – 92 | **C-** | 70 – 73 |
| **B+** | 87 – 89 | **D+** | 67 – 69 |
| **B** | 84 – 86 | **D** | 64 – 66 |
| **B-** | 80 – 83 | **D-** | 60 – 63 |
| **C+** | 77 - 79 | **F** | 59 and Below |

**Rowan Online Standard Policies (addendum)**

The current version of Rowan Online Standard Policies, which are an addendum to this syllabus, are found in the [Rowan Online Standard Policies Document](https://docs.google.com/document/d/1o5XB4J2W8h52egi5-CnrpupqDMeN9LyFXRM8xiUj8Lk/edit#heading=h.ovkmxcofmaz1).

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