12:029:002 Tsunamis: Deadly Waves of Destruction Dr. C.T. Foster

FALL 2012

COURSE GOAL: To examine examples of devasting tsunamis and understand scientific concepts related to tsunami generation, warning & hazard asssessment.

MEETS: W 2:30-3:20 Room 231 TH

INSTRUCTOR : Prof. C. T. Foster
Office 239 TH, Office Hours MWF 10:45 AM – 11:45 AM and by appointment
Phone: 335-1801 (office) or 335-1818 (message); email: tom-foster@uiowa.edu.

GRADING: Plus/minus grades will be assigned on the basis of attendance (25%), participation (25%) written weekly summaries (25%) & a presentation (25%). There is no final examination.

CLASS WEB PAGE: http://icon.uiowa.edu Log in with your HAWK ID and password

Amount of Work Expected: The College guideline is that one semester hour of credit is the equivalent of approximately three hours of work (class time + out-of-class preparation) each week over the course of a whole semester. In a typical seminar course, each hour of class normally entails at least two hours of outside preparation for the average student (e.g., in a one-credit-hour course like this one, average out-of-class preparation is two hours per week.)

CLASS OUTLINE

Class #	&date	Topic
1.	8/22	Introduction
2.	8/29	The 2011 Tōhoku Earthquake and Tsunami
3.	9/5	The Boxing Day 2004 Indian Ocean Tsunami
4.	9/12	Presentation Skills & Expectations
5.	9/19	Other 20th Century Tsunamis
6.	9/26	Tsunami Forecasting & Warning Systems
7.	10/3	Tsunami Hazard Assessment
8.	10/10	Non-earthquake Tsunamis
9.	10/17	Mega Tsunamis
10.	10/24	Student Presentations
11.	10/31	Student Presentations
12.	11/7	Student Presentations
13.	11/14	Student Presentations
		THANKSGIVING BREAK
14.	11/28	Student Presentations
15.	12/5	Summary

Department of Geoscience Syllabus Information:

Department Office: 121 Trowbridge Hall Telephone: 319-335-1818
Department Chair (DEO): Prof. M.K. Reagan DEO Office: 121C TH
DEO Telephone: 319-335-1820 DEO Email: geology-deo@uiowa.edu

Administrative Home
The College of Liberal Arts and Sciences is the administrative home of this course and governs matters such as the add/drop deadlines, the second-grade-only option, and other related issues. Different colleges may have different policies. Questions may be addressed to 120 Schaeffer Hall, or see the CLAS Academic Policies Handbook at http://clas.uiowa.edu/students/handbook.

Electronic Communication
University policy specifies that students are responsible for all official correspondences sent to their University of Iowa e-mail address (@uiowa.edu). Faculty and students should use this account for correspondences. (*Operations Manua*l, III.15.2. k.11.)

Accommodations for Disabilities
A student seeking academic accommodations should first register with Student Disability Services and then meet privately with the course instructor to make particular arrangements. See www.uiowa.edu/~sds/ for more information.

Academic Honesty
All CLAS students have, in essence, agreed to the College's Code of Academic Honesty: "I pledge to do my own academic work and to excel to the best of my abilities, upholding the IOWA Challenge. I promise not to lie about my academic work, to cheat, or to steal the words or ideas of others; nor will I help fellow students to violate the Code of Academic Honesty." Any student committing academic misconduct is reported to the College and placed on disciplinary probation or may be suspended or expelled (CLAS Academic Policies Handbook).

CLAS Final Examination Policies
The final examination schedule for each class is announced around the fifth week of the semester by the Registrar. Final exams are offered only during the official final examination period. No exams of any kind are allowed during the last week of classes. All students should plan on being at the UI through the final examination period. Once the Registrar has announced the dates and times of each final exam, the complete schedule will be published on the Registrar's web site.

Making a Suggestion or a Complaint
Students with a suggestion or complaint should first visit the instructor, then the course supervisor, and then the departmental DEO. Complaints must be made within six months of the incident (CLAS Student Academic Handbook.)

Understanding Sexual Harassment
Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately. See the UI Comprehensive Guide on Sexual Harassment for assistance, definitions, and the full University policy.

Reacting Safely to Severe Weather
In severe weather, class members should seek appropriate shelter immediately, leaving the classroom if necessary. The class will continue if possible when the event is over. For more information on Hawk Alert and the siren warning system, visit the Public Safety web site.

Rights and responsibilities in the classroom
The College's statement on student rights and responsibilities can be found at:
http://www.clas.uiowa.edu/students/handbook/x/.