

North Hennepin Community College

GEOL 1850: Oceanography

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Science is a process, not a body of knowledge. This inquiry-based course on understanding the world's oceans emphasizes the practice of science through making observations, forming questions, posing testable hypotheses, making predictions and critically evaluating scientific data and results. By examining data and evaluating evidence related to our understanding of the geologic, biological, chemical, physical and processes at work in the world's oceans, students' will recognize the critical role that oceans play in the earth's climate system and the influence of biosphere-atmosphere interactions on the oceans. Topics may include waves, tides, marine biology, seawater chemistry, plate tectonics, ocean currents, coastal processes, climate change, marine resources, coastal processes, and human influences on the world's oceans. Course is open to all students.

B. COURSE EFFECTIVE DATES: 05/07/1998 - 10/31/2016

C. OUTLINE OF MAJOR CONTENT AREAS

None

D. LEARNING OUTCOMES (General)

None

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

1. Knowledge of Human Cultures and the Physical and Natural World--Through study in the sciences, mathematics, social sciences, humanities, histories, languages, the arts, technology and professions.
2. Intellectual and Practical Skills--Including: Inquiry and analysis; Critical and creative thinking; Written and oral communication; Quantitative literacy; Information literacy; Teamwork and problem solving.