

North Hennepin Community College

GEOL 1851: Oceanography Lab

A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is designed to complement GEOL 1850, Oceanography. The 3 hour lab sessions will include group and individual projects that supplement concepts and topics from oceanography lecture. Students will collect their own data and use oceanographic data from internet resources. Lab topics that will be covered include plate tectonics, marine sediments, temperature and salinity, water masses and ocean circulation, mapping the seafloor, marine ecosystems, coastal erosion, climate change, primary productivity, El Nino and biogeochemical cycling. (3 hour lab)

Prerequisite: Geol 1850 or concurrent enrollment

B. COURSE EFFECTIVE DATES: 08/26/2004 - 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.