

## Ge 192. Special Topics in the Geological Sciences

Instructor: Ken Farley

### Course description: **Introduction to Labview Programming**

Labview is a software environment ideally suited for automation of laboratory tasks and equipment, such as sample processing in vacuum lines and analysis using mass spectrometry. This class provides an overview of this software package and an introduction to techniques for interfacing between hardware and software in a laboratory setting. Participants will write code on their own computers using a Labview student license. Coursework will consist of 1 weekly lecture and discussion of sample code, and both reading and programming assignments.

6 credits (1-0-5)

Grade: Pass/Fail

Meeting day/time: Mondays, 2:00-3:00 PM

Location: 251 Arms