COURSE CONTENT: The course is designed to study the earth and the physical processes which continually modify it. The course is divided into seven major parts:

- Basic Introduction to the Earth and Geology
- Geologic Time—Relative Dating and Radiometric Dating
- Plate Tectonics
- Earth Structure—Folds and Faults
- Earthquakes and Seismology
- Surficial Processes—Streams, Groundwater, Shorelines and Oceans, Glaciers, and Arid Regions

CLASS FORMAT: 3 lectures per week. 1 laboratory period per week (requires separate registration), 2 optional one day field trips during the semester.

LABORATORY/FIELD EXPERIENCE: Passing the associated lab is a required part of the course. Topics covered in lab include minerals, rocks, topographic maps, geologic structures, geologic maps, streams, shorelines, seismology, and glaciers. There is a lab practical half way through the semester and a lab final. Two sections of 25 students are taught.

Two all day field trips are optional. All field trips are offered on a Saturday.

EVALUATION:
3 hour exams (two best are counted in computing the grade)
1 comprehensive lecture final
Unannounced Quizzes that collectively count the same as an hour exam
Opportunities for Extra Credit