

## **Engr 648: Numerical Modeling in Geoscience & Engr** **SCHOOL OF ENGINEERING**

Numerical methods in geomechanics, including processes in groundwater, soil and rock mechanics. Solutions of ordinary and partial differential equations will be approximated, emphasizing finite-difference methods. Introduction to finite element methods and boundary element methods.

3 Credits

### **Instruction Type(s)**

- Lecture: Lecture for Engr 648

### **Subject Areas**

- [Engineering, General](#)
- [Geology/Earth Science, General](#)
- [Geological Engineering](#)

