

## Engr 648: Numerical Modeling in Geoscience & Engr

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 Science
- Geological/Geophysical Engineering

