

# M E 420: Engineering Analysis III

## [School of Engineering](#)

Solution of ordinary and partial differential equations arising from physical, chemical and transport systems of different coordinates by series expansions and separation of variables. Solutions of linear systems of algebraic equations.

3 Credits

### Prerequisites

- [Math 353: Elementary Differential Equations](#) \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

- Lecture: Lecture for M E 420
- Lecture: Web-based Lecture for M E 420

### Subject Areas

- [Engineering, General](#)

