

**Department:** Mathematics and Computer Sciences  
**Division:** Applied Mathematics  
**Level and Major:** Graduate

**Course Title:** Advanced None Linear Optimization 1

**Number of Credits:** 3

**Prerequisite:**

**Lecturer:**

**Course Description:**

**Course Goals and Objectives:**

**Course Topics:**

- Numerical Linear Algebra
- Errors and computations in machines
- Interpolation Root finding
- Numerical differentiation
- Quadratures

**Reading Resources:**

**Evaluation:**