

Bradley Department of Electrical and Computer Engineering
Virginia Polytechnic Institute and State University

Math Elective List for Electrical Engineering Majors
Graduating in 2010

Electrical Engineering majors are required to take one math elective course from the following list. There are no hidden prerequisites for these courses for EE majors: prerequisite courses, if any, are also required courses within the EE curriculum.

Enrollment into courses will be based on sufficient resources, including faculty availability and student demand.

- 3034 Introduction to Proofs (limited availability due to course restrictions)
- 3214 Calculus of Several Variables
- 3224 Advanced Calculus
- 3414 Numerical Methods

- 4225 Elementary Real Analysis
- 4445 Introduction to Numerical Analysis
- 4446 Introduction to Numerical Analysis
- 4514 Applied Algebra
- 4525 Principles of Advanced Calculus
- 4554 Numerical Methods for Engineers
- 4564 Operational Methods for Engineers
- 4574 Vector and Complex Analysis for Engineers