

EECE 158: Math Lab III

The purpose of this course is to further develop students' problem solving skills, improve their understanding of the calculus techniques and concepts they learn in Math 158 (Calculus III), and help them see how calculus can be used to solve engineering problems. Topics include: Vectors and scalars, Dot and Cross Product, Vector Differentiation, Gradient, Divergence, and Curl, Vector Integration, Divergence Theorem, and Stokes' Theorem.

Credits: 1

Prerequisites/Permissions:

MATH 157; Corequisite MATH 158. Course offered Fall and Spring semesters.

Program:

Electrical Engineering

COURSE DESCRIPTIONS