

## El E 536: Introduction to Quantum Computing Electrical and Computer Engineering

Introduction to quantum computing; single-qubit systems; multiple qubit systems; measurement; entanglement; simple quantum gates; quantum versions of classical computations; quantum algorithms; running simple codes on a quantum computer or simulator. 3 Credits

## **Prerequisites**

• Prerequisite: Engr 310 OR Graduate Standing

## Instruction Type(s)

• Lecture: Lecture for El E 536

## Subject Areas

- Electrical and Electronics Engineering
- Computer Engineering, General

