

## EI E 536: Introduction to Quantum Computing

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 EI E 536

## Subject Areas

- Electrical and Electronics Engineering
- <u>Computer Engineering, General</u>

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