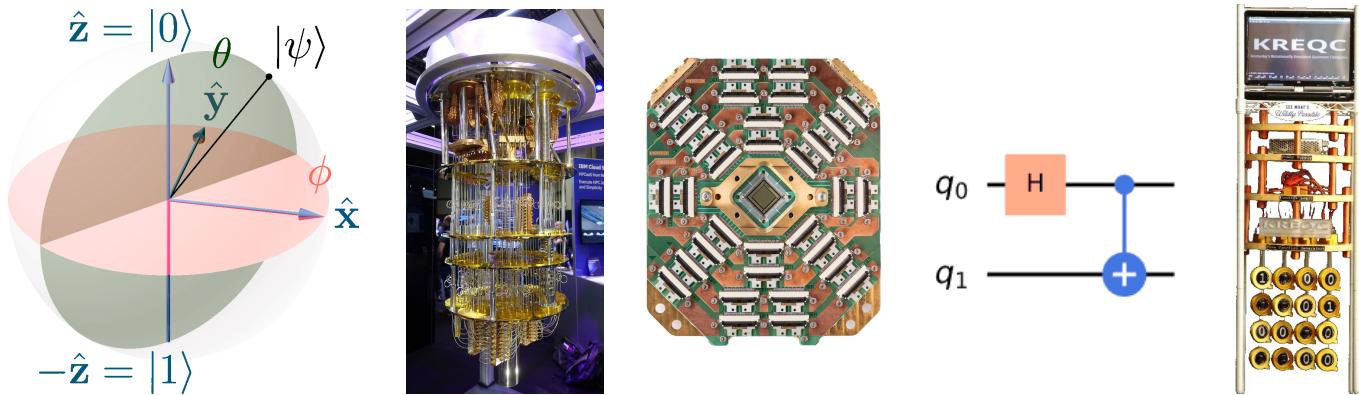


New for Spring 2026

Quantum Computing

EE599-001 / EE699-010 TR 12:30-1:45 RMB 309



This 3-credit course presents a computer engineering view of quantum computing, with emphasis on system design and operation, not the quantum phenomena used. The goal of the course is to provide students with an understanding of what quantum computers can and cannot do, quantum gates and basic algorithms used, how quantum computing systems are architected as computational accelerators, and how quantum-inspired methods can be employed without using quantum phenomena.

- Designed as a **hardware elective** for **CPE** majors, also good for **CS & EE**
- Prereqs: digital logic (CPE282 or EE280) and some programming

For detailed course info, see <https://aggregate.org/QC/> (or scan QR).

Also, feel free to take one of the “Q-bits” below...

