

PHYS/CPE 345 Quantum Computing

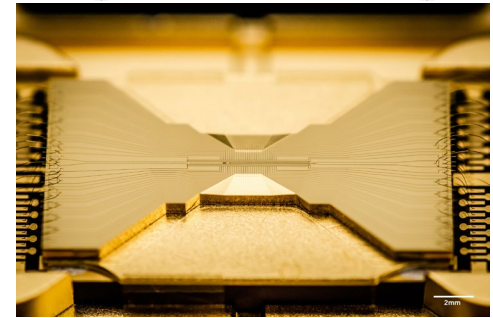
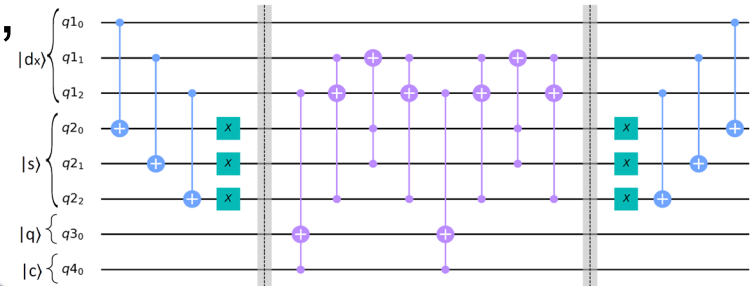
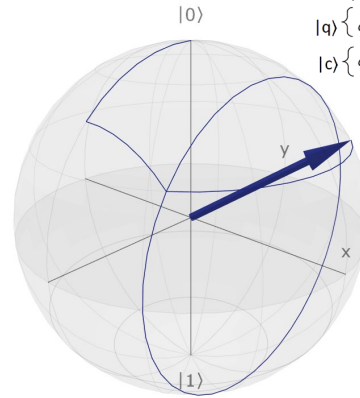
Quantum computing theory (qubits, quantum gates, quantum circuits), quantum computer architectures, quantum algorithms, run computations on a quantum computer

Offered **Spring 2025**

Prerequisites:

- PHYS 211 Modern Physics I or CHEM 353 Physical Chemistry III – to learn about the meaning of the quantum mechanical wavefunction.
- MATH 206 Linear Algebra or MATH 244 Linear analysis I – to learn linear algebra, the mathematical language used for quantum computing.

Questions? Ask Dr. Kat Gillen, kgillen@calpoly.edu



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