New class: 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 2024
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.

Interested in taking this? Then please take PHYS 211 (or other prereqs) in Winter!!! (if you haven’t already…)

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