New course

ECSE-4964
Quantum Computer Programming
Mon & Thurs 4pm–5:20pm
W. Randolph Franklin
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Pre-requisites: ECSE-2610, CSCI-2200, and PHYS-1200.


Learning Outcomes: 1. Demonstrate proficiency with the mathematics behind quantum algorithms. 2. Identify the concepts with today’s non-fault-tolerant quantum devices. 3. Apply these procedures to write code in Qiskit to implement quantum algorithms on IBM’s cloud quantum systems.