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(I) Looking back at a decade of teaching undergraduate Quantum Computing

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Quantum computing is a rapidly growing field both in academia and industry. This is driving the need to expand traditional course offerings and degree programs to train the next generation of researchers and quantum scientists. Most programs have focused on graduate courses and research opportunities for students with a physics background. Laurier's combination of physics and computer science within a single undergraduate department, provided a unique opportunity to introduce an undergraduate 3rd year course in quantum computing. The course was designed to be open to all science majors who have the required mathematical background. This talk will describe the goals and framework used to build the course, the outcomes so far and the lessons learned along the way.

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