

CPEN 400Q

**Lecture 12: Hands-on with quantum
compilation**

Wednesday 14 February 2024

Announcements

- Assignment 2 due tomorrow at 23:59
- Literacy Assignment 2 due Monday after the break (26th)
- Project group and paper selection by Friday

Today class: hands-on, find in PrairieLearn.

Next time

Content:

- The Quantum Fourier transform
- Quantum phase estimation
- Shor's algorithm

Recommended reading:

- Codebook modules F, P, and S