

CIS*3090

General Information

- Instructor: Dr. Denis Nikitenko
- Office hours: TBA
- Pre-requisites: (CIS*2030 or ENGG*3640), CIS*3110
- Credit weight: 0.5

Course format

Lectures and labs

The course will be offered in-person, using a standard in-person lecture format. The lectures will be delivered in class during scheduled class times.

Unless otherwise noted, the lab times will be used for advising and consulting with the Teaching Assistants. Details will be announced on the course website.

Assessment

The course will be evaluated using a series of tests and assignments

- Tests will include a midterm exam and / or a final exam, as well as multiple in-class quizzes.
- There will be several assignments covering various parallel programming approaches and related topics

Topics

- Introduction to parallel programming
- Instruction-level parallelism
- Threading and Pthreads
- MPI
- OpenMP
- OpenCL
- Parallel hardware