

CIS*2750

General Information

- Instructor: Dr. Denis Nikitenko
- Office hours: TBA
- Pre-requisites: CIS*2430, CIS*2520
- Credit weight: 0.75

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.
- The assignments will form a single project. The assignment evaluation may include one-on-one interviews with TAs.

Topics

- Advanced programming concepts in C
- Using and designing software libraries
- Testing and debugging
- Additional C concepts and tools
- Standards in computing
- Multi-language applications
- Scripting languages
- Graphical user interfaces: design and evaluation
- Introduction to database design and SQL