

CS 480 Senior Project Computer Science – Winter 2025

Instructor: Michael Kowalczyk

Office: 2222 Jamrich Hall

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In-person “walk-in” Office Hours:

Monday and Wednesday, 11:00am – 1:50am

By-appointment Online Office Hours:

Tuesday, Thursday, and Friday, 3:00pm – 5:00pm

Reserve a time by going to ESP in MyNMU; reserve your appointment the day before (at latest).

At your appointed time visit <https://nmu.zoom.us/my/drkow> and use passcode: 147147

Email: mkowalcz@nmu.edu

Course Website: <https://educat.nmu.edu>

Overview:

This course involves creating a significant software and/or hardware project. Work is supervised by an advisor. Topics must be approved by your project committee, which will later review and grade the project. Students will be expected to create significant new computer applications (around 1,000 lines of new code for a straightforward implementation, although it can be less depending on hardware components, technologies learned, and research involved). This course is an opportunity to apply expertise developed through earlier coursework.

Prerequisites:

CS222, CS228, and junior standing.

Grading:

Grades are based upon a standard rubric which is mainly based on the size and quality of the work done, although other factors such as the quality of the presentation and final paper can also affect the grade. A late project proposal subtracts **1/3 of a letter grade per week late** (partial weeks rounded up).

Course objectives:

Upon successful completion of CS 480, a student should be able to:

- Put together a software project proposal.
- Successfully complete a significant software project from start to end, working mostly independently.
- Present their software coherently, both in written form and as an oral presentation.

Evaluation of these objectives will be done through the course deliverables (proposal, final paper, and the project itself).

Academic Conduct:

You are allowed to use other people’s libraries and other people’s code. Just cite where you got it. Good programmers build using other people’s tools.

Disability Services:

If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Dean of Students Office at 2001 C. B. Hedgecock Building (227-1737 or disserv@nmu.edu). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and University guidelines.