

CNMT 110 Object-Oriented Programming – Spring 2024

Instructor: Weimin He, PhD
Office Hours: 7:30am-8:00am MW at SCI A224, 9:00am-10:00am Tuesday at SCI D228
Contact: Email: whe@uwsp.edu

Course Description

Introduction to object-oriented programming paradigm; definition and use of classes; fundamentals of object-oriented design; development of object-oriented programming language principles; coding in a current object-oriented programming language.

Course Objectives

- Master basic programming constructs such as variable declarations, assignments, decision structures, loops, methods, and arrays
- Understand essential concepts in object-oriented programming such as classes, objects, and inheritance
- Build simple GUI applications using JavaFX
- Develop Java programs to solve problems close to real world applications

Prerequisites

- CNMT 101 (Introduction to Computing and Programming)

Textbook

- Starting Out with Java – From Control Structures through Objects, 7th Edition, By Tony Gaddis, Publisher: Pearson

Grading

- 7 Labs: 49%
- 2 Tests: 18%
- Final Exam: 28% (Comprehensive)
- Class Participation: 5%

Final grades will be assigned according to the following scale:

A: score ≥ 90 , A⁻: $87 \leq \text{score} < 90$,
B⁺: $83 \leq \text{score} < 87$, B: $80 \leq \text{score} < 83$, B⁻: $77 \leq \text{score} < 80$,
C⁺: $73 \leq \text{score} < 77$, C: $70 \leq \text{score} < 73$, C⁻: $67 \leq \text{score} < 70$,
D⁺: $63 \leq \text{score} < 67$, D: $60 \leq \text{score} < 63$, F: score < 60

I may use lower cutoff points, depending on the overall performance of the class.

Assignments and Deadlines

- All assignments will be posted in Canvas. It is your responsibility to check Canvas on a regular basis.
- Due time of a lab will be given in the description file of the lab. You must submit your lab before the due time in Canvas. In general, late submission is NOT accepted for a lab assignment.

Exams

- Both tests and final exam are closed-book and closed-notes
- Final exam is comprehensive
- In general, any test or exam can NOT be made up

Students with Disabilities

If you require accommodation based on disability, please contact the disability office and me during the first week of the semester to ensure that you are appropriately accommodated.

Academic Misconduct

You are encouraged to discuss assignments with each other and to seek assistance from myself.

However, since assignments are a part of the final grade in the course, you must limit the amount of assistance you receive. Such assistance must be limited to a verbal discussion of the approach to an assignment, and may not include substantive solution of the assignment by the person providing the assistance.

If you submit an assignment which is in whole or in part the work of another person or persons, then you, and any such other person or persons whether enrolled in the class or not, will be dealt with as prescribed by Chapter UWSP 14 of the Rules of the Board of Regents of the University of Wisconsin System, Wisconsin Administrative Code.