
CPSC 250L
COMPUTERS & PROGRAMMING LABORATORY II

Instructor: Prof. Aaron Koehl
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Office Hours: Luter 346, TuTh 8:30-9:30, Fridays 9:30-11:30 by appointment.

Meeting Times: Thursdays, 1:30pm to 3:15pm

OVERVIEW

This lab course supports the concepts presented in the CPSC 250 lecture with hands-on programming activities and implementations in Java.

OBJECTIVES

- The essential objective of this course is learning to apply course material to improve thinking and problem solving.
- Other important objectives are learning fundamental principles, generalizations, or theories, and learning how to find and use resources for answering questions or solving problems.

TEXT

CPSC 250 Lab Manual available online at <http://www.pcs.cnu.edu/cs250lab/>

ASSESSMENT

Grades are based on **lab exercises** and, to ensure your understanding of the lab after completion, **a quiz**.

The grading breakdown is as follows:

- Lab Exercises 70%
- Quizzes 30%

Lab chapters are graded based on the exercises in that chapter, and are to be submitted *before the end* of the next lab meeting. On labs with a single signature, you will need this signature to receive a 100. On labs with two signatures, one signature will give you a 50, and two signatures a 100. With three signatures, the score assignment is 50-75-100, and with four 50-75-85-100, and with five, 50-65-75-85-100.

HELP

If you get stuck on any lab activity, you can ask your classmate or instructor for advice. When giving advice, do not provide "answers", but get in the habit of guiding a peer toward figuring it out on their own. This is a good habit to get into, even in the workforce, and you will be rewarded by teaching others. Sharing files and directly copying code is a violation of the Honor Policy, below. *Remember TEAMWORK, not plagiarism.*

HONOR POLICY

"On my honor, I will maintain the highest possible standards of honesty, integrity, and personal responsibility. That means I will not lie, cheat, or steal and as a member of this academic community, I am committed to creating an environment of respect and mutual trust."

DISABILITIES

In order for a student to receive an accommodation for a disability, that disability must be on record in the Dean of Students' Office, 3rd Floor, David Student Union (DSU). If you believe that you have a disability, please contact Dr. Kevin Hughes, Dean of Students (594-7160) to discuss your needs. Dean Hughes will provide you with the necessary documentation to give to your professors.

Students with documented disabilities are required to notify the instructor no later than the first day on which they require an accommodation (the first day of class is recommended), in private, if accommodation is needed. The instructor will provide students with disabilities with all reasonable accommodations, but students are not exempted from fulfilling the normal requirements of the course. Work completed before the student notifies the instructor of his/her disability may be counted toward the final grade at the sole discretion of the instructor.

ACADEMIC SUPPORT

The Center for Academic Success offers free tutoring assistance for CNU students in several academic areas. Staff in the center offer individual assistance and/or workshops on various study strategies to help you perform your best in your courses. The center also houses the Alice F. Randall Writing Center. Writing consultants can help you at any stage of the writing process, from invention, to development of ideas, to polishing a final draft. The Center is not a proofreading service, but consultants can help you to recognize and find grammar and punctuation errors in your work as well as provide assistance with global tasks. Go as early in the writing process as you can, and go often!

You may drop by the Center for Academic Success to request a tutor, meet with a writing consultant, pick up a schedule of workshops, or make an appointment to talk one-on-one with a University Fellow for Student Success. The Center is located in the Tribble Library, second floor, room 240.

SUCCESS

I want you to succeed in this course and at CNU. I encourage you to come see me during office hours or to schedule an appointment to discuss course content or to answer questions you have. If I become concerned about your course performance, attendance, engagement, or well-being, I will speak with you first. I also may submit a referral through our Captains Care Program. The referral will be received by the Center for Academic Success as well as other departments when appropriate (Counseling Services, Office of Student Engagement). If you are an athlete, the Athletic Academic Support Coordinator will be notified. Someone will contact you to help determine what will help you succeed. Please remember that this is a means for me to support you and help foster your success at CNU.

COURSE OUTLINE

Topic	# Weeks
Lab 1: Command Line Java and Eclipse	1
Lab 2: Arrays and JUnit Testing	1
Lab 3: ArrayLists	2
Lab 4: Inheritance	2
Lab 5: Exceptions	1
Lab 6: Text I/O	2
Lab 7: Networking	2
Lab 8: GUI and Events	2
Lab 9: Final Exercises	In-class

There will be no final exam for this lab.