Software Design and Development II

CSCI 2121
Spring 2022

Instructor: Manisha Panta
Email: mpanta2@uno.edu

Meets:
Sec P002 - Monday 4:00 PM – 5:50 PM [Math 212]
Sec W002 - Monday 4:00 PM - 5:50 PM [Internet]

Sec P001 - Tuesday 11:00 AM – 12:50 PM [Math 320]
Sec W001 - Tuesday 11:00 AM – 12:50 PM [Internet]

Sec P003 - Thursday 11:00 AM – 12:50 PM [Math 320]

Zoom Link*: https://uno.zoom.us/j/86116546327
Passcode: 2121

* Meeting link available for UNO Students only. Login your zoom account using UNO email address.

Student Hours: Mon: 12PM – 2PM | Tue 5PM-7PM | Fri: 11AM – 1PM
[other times by appointment or via Discord]
Zoom Link: https://uno.zoom.us/j/87900734784 Or Math 316
Passcode: 2121

Course Website: https://2121.cs.uno.edu/

Prerequisite: CSCI 1583 with a grade of C or better or consent of department; **concurrent registration in CSCI 2120 is required.**

Text: Dietel and Dietel, *Java, How to Program*, *(Late Objects Version) 11th Ed.*

Course Content:

This lab supports the introductory course CSCI 2120.   We will be putting into practice the concepts covered in the lecture. The topics covered (roughly Chapters 12 through 25, omitting Chapter 16) will be (we reserve the right to adjust as the term progresses):

- Object-Oriented Design
- GUI Components
- Files, Streams, & Serialization
- Recursion
- Searching & Sorting
- Generics & Basic Data Structures
- Multithreading
- Networking
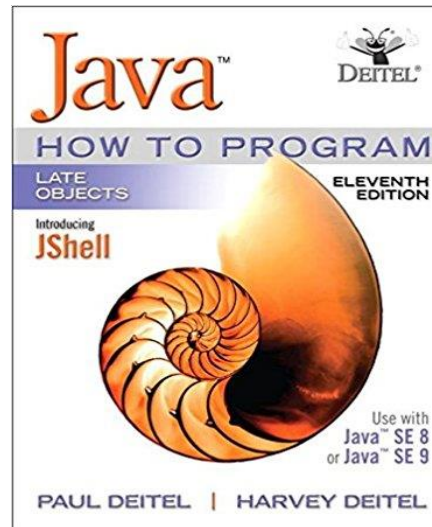
Laboratory:

The purpose of the lab (CSCI 2121) is to give you an environment to try out concepts in software design via the development of software fragments with a lab assistant. Attendance and completion of lab work is **mandatory**.

Grading:

(1) Laboratory work (CSCI 2121) will comprise **30%** of your mid-term and final grade across both 2120 and 2121. Each lab will consist of a set of exercises that you will have to submit through AutoLab and/or GitLab. The exercises will be equally weighted on a 100-point grading scale. The labs will be graded for completion and correctness.

(2) You will receive the same grade for CSCI 2120 and CSCI 2121. Administrative constraints prevent us from offering the lecture and lab components as a single course. However, they are to be treated as such, hence the single, uniform grade.

(3) All work is graded on a numerical (percentage) basis. The correspondence between numerical and letter grades is given as follows:

A: >= 90,
B: 80 - 89,
C: 70 - 79,
D: 50 - 69,
F: < 50.

(4) It is expected that all homework will be turned in on time. Late submissions will not be allowed (except under special circumstances).

(5) **Lab Submission:** Lab submissions through GitLab and AutoLab will be **required** for this course. Git is a tool commonly used by professional programmers for source code control. If you are unfamiliar with git or need to brush up on it, see the Atlassian Git Tutorials. Effective use of gitlab will be the responsibility of the student. No exceptions. Failure to follow these requirements will result in a **grade of zero**.

Attendance:
Your class attendance is mandatory and essential for you to meet the course requirements. 10 % mark is allocated for your attendance.

COVID-19 HEALTH-RELATED CLASS ABSENCES:
Students should evaluate their health status regularly, refrain from coming to campus if they are ill, and seek appropriate medical attention for treatment of illness. Students should notify (email) their instructors about their absence as soon as possible, so that accommodations can be made. In the event of COVID-19 illness, students should also complete the Campus Reporting Form. Please note that medical excuse may be required at the discretion of the department chair and/or college dean. Students should stay informed of UNO's COVID-19 policies by using UNO's COVID-19 website.

COVID-19 MASK POLICY:
Students are expected to keep their mask on during class (for in person class).

Academic Dishonesty:

Finally, we must call your attention to the University's policies regarding academic dishonesty. Academic dishonesty includes cheating, plagiarism, and collusion. In particular, it includes "the unauthorized collaboration with another person in preparing an academic exercise" and "submitting as one's own any academic exercise prepared totally or in part for/by another." In the event of academic dishonesty, **the student will be assigned a grade of 0** on the exam or exercise, the student will be informed in writing of the action taken, and **a copy of this letter will be sent to the Assistant Dean for Special Student Services**.

Students with Special Needs:
It is University policy to provide, on a flexible and individualized basis, reasonable

accommodations to students who have disabilities that may affect their ability to participate in course activities or to meet course requirements. Students with disabilities are encouraged to contact their instructors and/or the Office of Disability Services to discuss their individual needs for accommodations. Please find more details at [Office of Disability Services.](#)