

Computer Science & Engineering 143X

Computer Programming I & II (accelerated)

Instructor: Brett Wortzman	
email	brettwo@cs.washington.edu
office	Paul G. Allen Center, room 446
office hours	Tuesdays 2:30 – 4:30
course website	http://cs.washington.edu/143x
lecture times	MWF 3:30-4:20, EEB 125

Course Administrator: Pim Lustig	
email	cse143x@uw.edu
phone	206-616-3225
contact for registration and section scheduling	

Textbook (required)

Building Java Program 4th edition, Reges & Stepp

Course Overview

This is an accelerated version of the CSE142/CSE143 sequence intended for students who can learn the material at a faster pace. The course covers all material from both courses at a faster pace. There will be more programming assignments than either CSE142 or CSE143, but fewer than the two combined.

Due to the accelerated nature of this course, not all material may be covered in lecture. As a student in CSE143X, you are expected to be an independent learner, and you will likely need to put in time outside of class to understand all concepts. We will work to make sure you have all the resources necessary to succeed, but you should *not* expect to be exposed to all material by simply attending lecture.

Discussion Sections

You will be expected to participate in 50-minute discussion sections twice each week. The TA who runs your discussion section will grade your homework assignments. In section, we will answer questions, go over common errors in homework solutions, and discuss sample problems in more detail than we can in lecture. Section will be a vital resource to help fill in gaps in your understanding.

Grading

Assignments for this course will consist of a series of programming assignments, a midterm exam, and a final exam. The resulting scores will be combined according to the following weightings:

40%	weekly homework assignments
20%	midterm
40%	final exam

Using the weightings above, each student's scores will be turned into an overall score ranging from 0 to 100 percent. These will be turned into grades on a 4.0 scale as follows:

90%	at least 3.5	80%	at least 2.5	70%	at least 1.5
85%	at least 3.0	75%	at least 2.0	60%	at least 0.7

Programming Assignments

Weekly programming assignments must be completed individually and submitted electronically through the course website—no other form of submission will be accepted. Assignments will be graded on both “external correctness” (behavior and functionality) and “internal correctness” (style and design), with roughly half the points allocated to each. Assignments will generally be graded on a 20-point scale. Disputes about grades must be submitted using the process on the course website within 2 weeks of receiving the grade.

Exams

The exams will be closed-book, closed-note, and closed-computer. You may not use any written materials or electronic resources (including calculators) during the exams.

Make-up exams will only be given in cases of extreme emergency. If you expect to miss an exam (even in cases of illness or injury), you must contact Brett *prior* to the exam to explain the situation and receive permission to take a make-up exam. Make-up exam requests will not be granted for personal reasons, such as travel or leisure events. No student will be permitted to take an early exam for any reason.

Computer Access/Software

The department operates an Introductory Programming Lab (IPL) that is located on the third floor of Mary Gates Hall. TAs will be available at the lab to help students with problems. The recommended software for this course is the **Java Development Kit (JDK) version 8** and the **jGRASP editor**. More information can be found on the course website.

Late Work

Each assignment will have a clearly indicated due date and time. Each student will be allotted a total of five “late days” which may be used to submit an assignment up to 24 hours late without penalty. (Late days must be used in full—partial late days cannot be used or retained.) Once a student’s late days are exhausted, each successive day that an assignment is submitted late will result in a loss of 2 points. Regardless of how many late days you have available, **no assignment will be accepted more than 3 days after its due date**, and **no assignment will be accepted after 11 pm of the last day of class** (Friday, December 8th). Extensions on assignments will not be granted except in extreme circumstances.

Collaboration Policy

All programming assignments must be completed **individually**—that is, all code you submit must be solely your own work. You may discuss general ideas or approaches with other students, but you may not discuss details of the code you will write. In particular, **you must NEVER:**

- work as a partner with another student on an assignment.
- show (or send) your code to an assignment to another student, or look at another student’s code
- have another person (current or former student, tutor, friend, etc.) “walk you through” how to complete an assignment.
- discuss homework assignments in any public forum other than the class message board.
- leave your work in a public place or post it online where it may be found by other students

Under our policy, both students who are involved in an academic dishonesty case are treated equally. If you are asked to help a student in an inappropriate way, you should refer that student to class resources (the textbook, the IPL, the message board, etc.).

If you are taking the course a second time, you are allowed to submit a previous solution that you authored unless that program was involved in a case of academic misconduct. For any assignment where academic misconduct was found (whether the case was settled formally or informally), you must write a new version of the program.

We enforce this policy by running similarity-detection software over all submitted student programs, including programs from past quarters. Violations of this policy will result in discipline ranging from reduced scores on the assignment in question up to, and potentially including, referral to University committees. If you are unsure whether or not an action violates this policy, please **ask a member of the course staff**.