Computer Science & Engineering 143
Computer Programming II

Instructor: Stuart Reges
Email: [redacted]
Phone [redacted]
Office:
1:30-3:30

Course Administrator
Pim Lustig
Email: [redacted]
(email for registration issues)

Lecture Times
A: MWF 12:30-1:20, Kane 120
B: MWF 2:30-3:20, Kane 120

Textbook
Building Java Programs, 5th edition, Reges & Stepp, required

Course Overview
This course is a continuation of CSE142. While CSE142 focused on control issues (loops, conditionals, methods, parameter passing, etc), CSE143 focuses on data issues. Topics include: ADTs (abstract data types), stacks, queues, linked lists, binary trees, recursion, interfaces, inheritance and encapsulation. The course also introduces the notion of complexity and performance tradeoffs, examining classic algorithms such as sorting and searching and classic data structures such as lists, sets and maps. The course will include a mixture of data structure implementation as well as using off-the-shelf components from the Java Collections Framework. The prerequisite is CSE142 or equivalent.

Lecture Policy
In the lecture room students should keep talking to a minimum and are limited in their use of electronic equipment. Students who want to use cell phones or laptops will be required to sit in the last four rows of the classroom. If it is important to you to use your laptop during lecture, email Stuart to describe your situation and request an exception. TAs will periodically enforce this policy during lecture.

Discussion Sections
You will be expected to participate in two weekly 50-minute discussion sections. The TA who runs your discussion section will grade your homework assignments. In section we will answer questions, go over common errors in homework sritatnts gr

percent. These will be turned into grades as follows:

90%	at least 3.5	70%	at least 1.5
80%	at least 2.5	60%	at least 0.7

The exams will be closed-book and closed-note. If you need to miss an exam, you must contact Stuart to WKH H[DP WR JHW SHUPLVVLRQ (YHQ LI \RX DUH VLFN \RX VK leave a message that you need to be excused. Students wishing to take an exam at the DRS testing facility must schedule their exam at least three weeks in advance of the exam or they may not be accommodated.

Course Registration
To add the class or switch sections, em[redacted]

Course Web Page

Information about the course will be kept at https://cs.uw.edu/143. Links to course handouts will be kept on this page along with useful links to other class resources.

Religious Accommodations

See Religious Accommodations Policy (https://registrar.washington.edu/staffandfaculty/religious-accommodations-policy/).

Indigenous Land Acknowledgement

I acknowledge that by the labor theory of property the Coast Salish people can claim historical ownership of almost none of the land currently occupied by the University of Washington..

Computer Access/Software

The school 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. You can use any Java environment you want although the recommended software for this course is the Java Development Kit (JDK) version 8 or higher DQG WKH M*5$63 HGLWRU 0RUH LQIRUPDWLRQ FDQ EH IRXQG R

Late Policy

Each assignment will list its due date. Most will be due Thursdays at 11 pm. Each student in the class will have a total of eight ³IUHH´ ODWH GD\V D ODWH GD\ LV KRXUV RI ODWH assignments are either on time, a day late, 2 days late, etc. Because of this generous late policy, students will not be granted extensions for assignments unless they have some highly extenuating circumstances. Once a student has used up all of his or her late days, each successive day late will result in a loss of 1 point. No assignment will be accepted more than 4 days after its due-date. If you are experiencing a problem that makes it difficult for you to complete an assignment on time, you should contact Stuart by email as early as possible to request an extension.

We will grade only one version of any given program. If you make multiple submissions for an assignment, we will grade the last version submitted. If you submit a version that you later decide you do not want to have graded, you must warn your TA not to grade that version and to wait for a later submission from you.

Policy on Collaboration