

<div>Monday Jul 30</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #20<ul style="list-style-type: none">Show & Tell Program 9take questions about examPROGRAM #9 due Aug 4 @23:59pm</div>	<div>Wednesday Aug 01</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 REVIEW FOR FINAL EXAM<ul style="list-style-type: none">You will take a practice version of the exam with a couple real exam-like problems to choose fromTests your Laptop to see if it has Java installed correctly and everything works right for exam day!Practice Exam Problem #1: RandomSentencesPractice Exam Problem #2: BloodBank</div>	<div>Friday Aug 03</div> <div><ul style="list-style-type: none">01:00pm-02:50p 6110 FINAL EXAM<ul style="list-style-type: none">a 1hr 50min PROGRAMMING EXAMOpen API (but no google or anywhere else on web)Open text book of this course (NO OTHER BOOK)You may use your own laptop IF it has Java 7.0 or greater correctly installedIf you don't have a suitable Laptop - you will use a 6110 Lab computer.</div>
<div>Monday Jul 23</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #18<ul style="list-style-type: none">ArrayList vs. LinkedList and Iteratorsoverview Set, Map & List interfacesuse iterator to traverse LinkedList because .get() is $O(1)$ (constant time)show & Tell Program #8PROGRAM #8 (drug interactions) due Mon 7/30 @11:59pm</div>	<div>Wednesday Jul 25</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #19<ul style="list-style-type: none">brainstorm Programreview Collections</div>	<div>Friday Jul 27</div> <div><ul style="list-style-type: none">01:00p-02:50p SENSQ 6110 LAB #9</div>
<div>Monday Jul 16</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 Templated Containers<ul style="list-style-type: none">Explanation of Interfaces from OOP-2 lectureArrayList, HashMap, HashSetPROGRAM #7 (PACs) due next Mon @11:59pm</div>	<div>Wednesday Jul 18</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 Templated Containers<ul style="list-style-type: none">HashMap and HashSet oerational detailsHashMaps of HashSets</div>	<div>Friday Jul 20</div> <div><ul style="list-style-type: none">01:00p-02:50p SENSQ 6110 LAB #8 due Sun 7/22 @11:59pm<ul style="list-style-type: none">Exceptions: try, catch, and roll your own</div>
<div>Monday Jul 9</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 OOP-1<ul style="list-style-type: none">the Fraction classpublic,private, accessors,mutatorsconstructors, code re-usePROGRAM #6 due next Mon @11:59pm</div>	<div>Wednesday Jul 11</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 OOP-2<ul style="list-style-type: none">composition, inheritanceabstract, static, interfaces, polymorphism</div>	<div>Friday Jul 13</div> <div><ul style="list-style-type: none">01:00p-02:50p SENSQ 6110 LAB #7<p>Reverse engineering a class</p><p>due 7/14 @11:59p</p></div>
<div>Monday Jul 2</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 OOP-1<ul style="list-style-type: none">Return Midterm PapersIntro to OOP and writing clases</div>	<div>Wednesday Jul 4</div> <div><h2>HOLIDAY, CLASSES CANCELLED</h2></div>	<div>Friday Jul 6</div> <div><ul style="list-style-type: none">01:00p-02:50p SENSQ 6110 LAB</div>
<div>Monday Jun 25</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #12<ul style="list-style-type: none">REVIEW FOR MIDTERM EXAM</div>	<div>Wednesday Jun 27</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 MIDTERM EXAM<ul style="list-style-type: none">MIDTERM.pdfMIDTERM-ANSWERS.txtthe ave was: 82.4%, here is the Distribution of Scores</div>	<div>Friday Jun 29</div> <div><ul style="list-style-type: none">LAB CANCELLED</div>
<div>Monday Jun 18</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #10<ul style="list-style-type: none">ArrayList: declare, initialize, print, sortUsing the Collections library (for Collections such as ArrayList) vs. the old Arrays library (for plain arrays)Go over these old midterm practice exams</div>	<div>Wednesday Jun 20</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #11<ul style="list-style-type: none">ArrayList and AutoBoxingTheory of HashingHashMap containerPROGRAM #5 due next Fri @11:59pm</div>	<div>Friday Jun 22</div> <div><ul style="list-style-type: none">01:00p-02:50p SENSQ 6110 LAB #6</div>
<div>Monday Jun 11</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #8<ul style="list-style-type: none">Review: arrays, array discipline, length (capacity) vs. count (initialized)Searching, Linear & BinarySet operations: intersection, union, difference, xorSome midterm practice exams for your review</div>	<div>Wednesday Jun 13</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #9<ul style="list-style-type: none">quadratic sorting operationsArrays Library and intor to ArrayListPROGRAM #4 due next Fri @11:59pmSome midterm practice exams for your review</div>	<div>Friday Jun 15</div> <div><ul style="list-style-type: none">01:00p-02:50p SENSQ 6110 LAB #5</div>
<div>Monday Jun 04</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #6<ul style="list-style-type: none">Review: arrays, array discipline, length (capacity) vs. count (initialized)Passing arrays: ref vs objectbasic operations: initialization, resizingsearching, min, max etc.big O notation and complexity analysissuggestions on how to solve the JumblesReadings: Chapter 8 (ignore all uses of dialog boxes and GUI)</div>	<div>Wednesday Jun 06</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #7<ul style="list-style-type: none">arrays: quadratic sorting operations2D arrays, mazesPROGRAM #3 due next Fri @11:59pmReadings: Chapter 8 (ignore all uses of dialog boxes and GUI)</div>	<div>Friday Jun 08</div> <div><ul style="list-style-type: none">01:00p-02:50p SENSQ 6110 LAB #4</div>
<div>Monday May 28</div> <div><h2>HOLIDAY. NO CLASSES</h2></div>	<div>Wednesday May 30</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #5<ul style="list-style-type: none">printf(), File, file I/O, Arrays and fundamental operationsPROGRAM #2 due next Fri@11:59pm</div>	<div>Friday Jun 01</div> <div><ul style="list-style-type: none">01:00p-02:50p SENSQ 6110 LAB #3<ul style="list-style-type: none">Playing with text files</div>
<div>Monday May 21</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #3<ul style="list-style-type: none">Review last weeks conceptsif else, and loopsMethodsReadings: Chapters 2, and 3 in text (ignore anything about dialog boxes. No GUI I/O).</div>	<div>Wednesday May 23</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #4<ul style="list-style-type: none">command args, parseInt, random numbers, binary search <i>Strings</i>PROGRAM #1 due next Wed @11:59pm</div>	<div>Friday May 25</div> <div><ul style="list-style-type: none">01:00p-02:50p SENSQ 6110 LAB #2<ul style="list-style-type: none">YOU ARE *NOT* ALLOWED TO USE A COMPUTER TO RUN/TEST THE CODEHANDIN ONLINE AT END OF LAB/RECITATION</div>
<div>Monday May 14</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #1<ul style="list-style-type: none">Course policiesHandin and grading policyCheating policyAttendance PolicyWhat is: programming, an algorithm, Java?Installing and running Java on your PC, Laptop or Mac.Readings: Chapter 1 in text (ignore anything about dialog boxes. No GUI I/O).</div>	<div>Wednesday May 16</div> <div><ul style="list-style-type: none">12:30p-02:15p SENSQ 6110 LECT #2<ul style="list-style-type: none">Primitives and operatorsReadings: Chapter 2 in text (ignore anything about dialog boxes. No GUI I/O).</div>	<div>Friday May 18</div> <div><ul style="list-style-type: none">01:0p-02:50p SENSQ 6110 LABDiscuss and do LAB#0<ul style="list-style-type: none">Acknowledge course policy documentsInstall & test java on your laptopDiscuss and do LAB#1<ul style="list-style-type: none">A simple programming problem using arithmetic operators</div>