

## CS1180 Lecture Schedule – Fall 2015

In addition to the textbook reading and projects listed below, a weekly quiz is given on Pilot each weekend (see syllabus for detail) and lab work is due each week.

Module	Week	Topics	Textbook reading*
1	Aug 31 – Sept 4	Intro to programming Using NetBeans	Chapter 1
2	Sept 8 – 11 (no classes Sept 7)	Variables, constants, literals, data types, operations, scope Character class, Strings	Chapter 2 Chapter 4
3	Sept 14 - 18	Boolean statements and operators; Decision statements	Chapter 3
4	Sept 21 – 25 <b>Project 1 due Sept. 25</b>	Loops (while, do, for, nested)	Chapter 5
5	Sept 28 – Oct 2	Methods	Chapter 6
6	Oct 5 – 9 <b>Project 2 due Oct. 9</b>	Text Files Exceptions Enums	Chapter 12 Appendix I
7	Oct 12 - 16	Arrays; sorting and searching	Chapter 7
8	Oct 19 – 23 <b>Project 3 due Oct. 23</b>	2d arrays ArrayLists	Chapter 8; Sec 11.11
9	Oct 26 - 30	Objects, classes, constructors, static variables and constants	Chapters 9 and 10
10	Nov 2 – 6 <b>Project 4 due Nov. 6</b>	Inheritance and polymorphism	Chapters 11
11	Nov 9 – 13 (no classes Nov 11)	Abstract classes, interfaces (comparable, cloneable)	Chapter 13
12	Nov 16 – 20; Nov. 23 <b>Project 5 due Nov. 20</b>	JavaFX basics Event-driven programming	Chapters 14 and 15
12	Nov 30 – Dec 4	Animations JavaFX UI Controls	Chapter 15 and 16
13	Dec 7 – 11 <b>Project 6 due Dec. 11</b>	Bitwise operators, Number systems Review for exam	Appendices F and G
	<b>Final Exam: Section 1 (meets MWF 2:30-3:25): Friday December 18, 2:45-4:45</b> <b>Section 4 (meets MWF 1:25-2:20): Monday, December 14, 12:30-2:30</b>		

\*Reading are to be completed **before** the lecture. Students may also find it helpful to view the video lectures available to all CS1180 students in the "Continuous" section of Pilot.