CS 112: Schedule of Readings & Assignments – 5th ed.

Note: This schedule is tentative and subject to change as the class progresses.

Date	Reading	Assignments
1/26-1/28	Chapters 1-7 Review **Due 2/02**	Home installation of Java and JCreator Use of Style Sheet Review Topics covered in CS 111 - Beg Java Read Graphics Supplement Handout Pages 28-36, 100-101, 162-166, 222-227 Java Applet Project - class & homework
2/02-2/04	Chapter 8 Pages 483 - 516 **Due 2/09**	Polymorphism, Dynamic Binding Copy Constructors, Abstract Classes Projects 1, 2, 3 – pages 518 - 519
2/09-2/11	Chapter 8 Con't. **Due 2/16**	Review Polymorphism Copy Constructors vs. Clone method Projects 5,6 - pages 519 - 520 Group Project – MultiItemSale
2/16-2/18	Chapter 9 Pages 523 - 569 **Due 2/23**	Exception Handling Techniques Creating and using Exception classes Multiple throws and catches, Rethrowing Project #6 – pages 575 - 576 Projects Handout #1 - Project 2 only
2/23-2/25	Chapter 10 Pages 577 - 638 **Due 3/01**	Concepts of a Stream File Input/Output (I/O) - Text files Project 1- page 643 Projects Handout #2 - Project 1
3/01-3/03	Chapter 10 Con't. **Due 3/08**	Binary Files, Serialization, String Tokenizer Project 11 - page 646 Projects Handout #2 - Project 2
3/08-3/10	Chapter 11 Pages 647 - 679 **Due 3/15**	Recursion Concepts Recursive methods that return a value Project 2 - page 684 Projects Handout #3 - Projects 1, 2
3/15-3/17	Chapter 12 Pages 689 - 705 **Due 3/29**	UML, Adaptor and Sorting Patterns Projects 2, 8 - pages 708, 710

Date	Reading	Assignments
3/22-3/24	**No class**	**Spring Break (March 21 - 27, 2016)**
3/29-3/31	**3/29 -MIDTERM** 3/31	**Chapters 8 - 12** Review Midterm
4/05-4/07	Chapter 13 Pages 711 - 749 **Due 4/12**	Interfaces and Inner Classes Projects 2, 8 - pages 754 - 756
4/12-4/14	Chapter 14 Pages 759 - 796 **Due 4/19**	Generics, Dynamic Data Structures ArrayList Projects 2, 4 - page 799 **Conference - Substitute Teacher or Outside Project**
4/19-4/21	Chapter 15 Pages 801 - 855 **Due 5/03**	Linked Lists, Iterators, Clone Method Project 1, 6 - pages 893 - 895
4/26-4/28	Chapter 15 Con't	Linked Lists, Iterators Group Project
5/03-5/05	Chapter 17 Pages 941 - 1007 **Due 5/10**	Windows Interfacing using Swing The Container and JPanel Classes Buttons, Menus and Layout Managers Event-Driven Programming Project 1 - pages 1013 - 1014 Projects Handout #4 - Project 1
5/10-5/12	Chapter 17/18 Pages 1017 - 1071 appearance **Due 5/17**	Creating GUIs with Window Listeners Enhance a GUI for functionally & Fonts, Icons and Scroll Bars **Plan and Discuss Final Projects** Projects 2, 3 - page 1076
5/17-5/19	Chapter 17/18 Con't **Due 5/24**	Combined Group Project (GUI choice) Threads, Jars, other (as time permits) Review for Final Projects 1, 4, 6 - pages 1075, 1077
5/24	**Final Exam 1:00 – 2:50 pm (Tuesday) - note earlier time**	