**V05 – June 8, 2016**

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| **#** | **Date** | **Day** | **Topics, Assignments, and Other Things** | **Pgm/Pts** | **Due:Last @ 4pm** |
| 1 | May 24 | T | Ch 1.; Course Policies, Questionnaire, Course at a Glance, other handouts, Asgn 1 | 1/10 | May 31 : Jun 9 |
| 2 | 26 | R | Ch 2.1-2.17; Java Fundamentals. Asgn 2 | 2/20 | Jun 2 : Jun 16 |
| 3 | 31 | T | Ch 3.1-3.13: if/switch; review Java Fundamentals; increment/decrement a variable |  |  |
| 4 | Jun 2 | R | Create a program from scratch: temperature conversion; consolidate topics learned so far; Java doc’n guidelines; Asgn 3; Sample Exam 1 (SE1); classes JOptionPane & DecimalFormat. **Begin FLIPPING** | 3/20 | Jun 14 : Jun 25 |
| 5 | 7 | T | Ch 4.1-4.11; Loops and Files; 9.1-9.6; File Input/Output; cover topics in and review SE 1; code reading (in-class project); Java API |  |  |
| 6 | 9 | R | Ch 6.1-6.14; methods. FLIP Interactive Average with Methods; Toolkit; leftPad method (for remaining assignments); File I/O; Asgn 4; SE1 Memory Maps | 4/20 | Jun 21 : Jul 2 |
| 7 | 14 | T | Asgn 5; do while loops; SE1 review; homework in class; **Last drop day for refund (see course policies)** | 5/40 | Jun 28 : Jul 13 |
| 8 | 16 | **R** | Questions before the test? **EXAM 1** – closed book, closed notes, calculator/note card OK, no phones or other electronic devices | ––/140 |  |
| 9 | 21 | T | Ch 5.1-5.10; arrays; add useful array algorithms and operations; returning arrays from methods to pass several pieces of information; Asgn 6; Sample Exam 2 (SE2); Exam 1 results | 6/70 | Jul 2 : Jul 14 |
| 10 | 23 | R | Ch 7.1-7.10; start Java classes; ‘super’ keyword; code reading (in-class project); Interactive Average with a Class; Asgn 7; file 66 jGrasp Debugger (BB | Content | Foundation); SplitMethod.zip; SE2 | 7/E.C. | Extra Credit-  25 pts; Jul 9 |
| 11 | 28 | T | Finish up from Ch 7; .equals method for classes; Java API; SE2; Asgn 8 | 8/70 | Jul 14 |
| 12 | 30 | R | Add 13.1-13.4 portions – Exceptions; from FLIP\_FILES.zip: Exception Donut examples; Coin\*.java, Die and DieSnakeEyes; consolidate; Selection Sort and Binary Search; Toolkit: Selection Sort, Partially Filled Array; Asgn 9; SE2 | 9/80 | Jul 23 |
| 13 | Jul 5 | **T** | Questions before the test? **EXAM 2** – closed book, closed notes, calculator/note card OK, no phones or other electronic devices; **Last Drop Day for a ‘W’ @ 0% refund: Jul 8** | ––/130 |  |
| 14 | 7 | R | Asgn 10 (a BIG program, 120 points!); prepare a flowchart or narrative for implementing Asgn 10 and use stubs; submit code for upcoming code read; select an assignment or write a program; review Exam 2 | 10/120 | At Final, Jul 30 |
| 15 | 12 | T | Ch 6.13; Command Line; Ch 7.11-7.12; ArrayLists; code reading (in-class project, bring an assignment or program to swap); SDLC; discussion of programming assignments; examples of programming algorithmically; discussion of programming assignments; Exam 2 results; SE 3 available for download |  |  |
| 16 | 14 | R | Ch 12.1-12.8 (portions) recursion; Asgn 11; assignments; solidify Java concepts; SE 3; sample final | 11/40 | At Final, Jul 30 |
| 17 | 19 | **T** | In-class project(s) to be determined; review of programming assignments; Questions before the test? **EXAM 3** – closed book, closed notes, calculator/note card OK, no phones or other electronic devices | ––/130 |  |
| 18 | 21 | R | Developing programs from scratch; code review; review Exam 3; review Sample Final Exam |  |  |
| 19 | 26 | T | Course summary. Preparations for the Final Exam |  |  |
| 20 | 28 | R | Final Exam; closed book & notes, calculator/note card OK, no phones or other electronic devices | ––/200 |  |
|  |  |  | Participation (100) and Richest Man in Babylon or Mindset report (50): | ––/150 |  |
|  |  |  | Points from: programs: 490; from exams: 600; participation:100; report (50). Total Points: | 1,240 |  |