**Schedule of Class Topics**

**CSE 1310 - 003 Fall 2015**

**Dr. Tiernan’s section**

NOTE: the schedule of future lecture topics is tentative and subject to change. As the instructor for this course, I reserve the right to adjust this schedule in any way that serves the educational needs of the students enrolled in this course. – Dr. Tiernan

* Lecture 1: Thu 08/27 - Introduction
  + Book reading: Chapters 1, 2.
  + Course syllabus and introduction to the class.
  + How to run a Java program in Netbeans
* Lecture 2: Tue 09/01 - First Programs: Output, Arithmetic, Variables, User Input.
  + Book reading: Chapter 2.
* Lecture 3: Thu 09/03 - Variables, types, operations on numbers, formatted output (printf).
  + Book reading: Chapter 2.
* Lecture 4: Tue 09/08 - Strings.
  + Book reading: Chapter 2.
* Lecture 5: Thu 09/10 - If statements
  + Book reading: Chapter 3.
* FRIDAY SEPTEMBER 14: CENSUS DATE
* Lecture 6: Tue 09/15 - If statements (continued)
  + Book reading: Chapter 3.
* Lecture 7: Thu 09/17 - Loops
  + Book reading: Chapter 4.
* Lecture 8: Tue 09/22 - Loops (continued)
  + Book reading: Chapter 4.
* Lecture 9: Thu 09/24 - Loops (continued)
  + Book reading: Chapter 4.
* Lecture 10: Tue 09/26 - Exceptions and Input Validation
* **Lecture 11: Thu 10/01 - First midterm.**
* Lecture 12: Tue 10/06 - Methods (functions)
  + Book reading: Chapter 5
* Lecture 13: Thu 10/08 - Methods (functions), continued.
  + Book reading: Chapter 5
  + Slides on common mistakes with methods/functions
* Lecture 14: Tue 10/13 - Methods (functions), continued.
  + Book reading: Chapter 5
* Lecture 15: Thu 10/15 - Binary numbers, hexadecimal numbers.
  + Book reading: Appendix I.
* Lecture 16: Tue 10/20 - Arrays and array lists.
  + Book reading: Chapter 6.
* Lecture 17: Thu 10/22 - Arrays and array lists, continued.
  + Book reading: Chapter 6.
* Lecture 18: Tue 10/27 - Arrays and array lists, continued.
  + Book reading: Chapter 6.
* **Lecture 19: Thu 10/29 - Second midterm.**
* Lecture 20: Tue 11/03 - File input/output.
  + Book reading: Chapter 7.
* WEDNESDAY NOVEMBER 04: LAST DAY TO DROP
* Lecture 21: Thu 11/05 - File input/output (continued).
  + Book reading: Chapter 7.
* Lecture 22: Tue 11/10 - File input/output (continued).
  + Book reading: Chapter 7.
* Lecture 23: Thu 11/12 - Example application.
* Lecture 24: Tue 11/17 - Example application (continued).
* Lecture 25: Thu 11/19 - Examples of more complicated programs.
* Lecture 26: Tue 11/24 - Examples of more complicated programs.
* Lecture 27: Tue 12/01 - Examples of more complicated programs.
* **Lecture 28: Thu 12/03 - Third midterm.**
* Lecture 29: Tue 12/08 - Review.
* **Final Exam: Tue 12/15, 2:00pm-4:30pm.**

Planned Assignments Schedule

Assignment 1. Due date: Fri 09/04, 5:00pm.

Assignment 2. Due date: Fri 09/11, 5:00pm.

Assignment 3. Due date: Fri 09/18, 5:00pm.

Assignment 4. Due date: Fri 09/25, 5:00pm.

Assignment 5. Due date: Fri 10/09, 5:00pm.

Assignment 6. Due date: Fri 10/16, 5:00pm.

Assignment 7. Due date: Fri 10/23, 5:00pm.

Assignment 8. Due date: Fri 11/06, 5:00pm.

Assignment 9. Due date: Fri 11/13, 5:00pm.

Assignment 10. Due date: Fri 11/20, 5:00pm.

Assignment 11. Due date: Wed 11/25, 5:00pm.

Assignment 12. Due date: Mon 12/07, 5:00pm.

Planned Exams Schedule

First midterm: Thu 10/01.

Main topics: variables, assignments, types, conditionals, while/for loops.

Reading: textbook chapters 1, 2, 3, 4.

Second midterm: Thu 10/29.

Main topics: variables, assignments, types, conditionals, while/for loops, methods (functions).

Reading: textbook chapters 1, 2, 3, 4, 5.

Third midterm: Thu 12/03.

Main topics: variables, assignments, types, conditionals, while/for loops, methods (functions), arrays, files.

Reading: textbook chapters 1, 2, 3, 4, 5, 6, 7.

Final exam: Tue 12/15, 2:00pm-4:30pm.

Main topics: variables, assignments, types, conditionals, while/for loops, methods (functions), arrays, files.

Reading: textbook chapters 1, 2, 3, 4, 5, 6, 7.