ITEC324 Principles of Computer Science III –Spring 2018

MWF11:00-11:50AM (Davis 212)

Instructor: Dr. Hwajung Lee, 220 Davis Hall
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Office Hours: MWF4-5PM; Thr11-12Noon (online); F10-11AM; and by appointment

The best way to contact meis by e-mail. My office hours will be the best time to see me and I will also be happy to see you during times other than my office hours if I am there with my office door open.

Course Objective: This course is a continuation of ITEC 120 and 220. It continues your study of data structures with a focus on nonlinear data structures such as trees, heaps, and hash tables. It also provides continued coverage of graphical user interfaces. Additional topics include multithreaded programming and the process of object oriented analysis and design.

Prerequisite: ITEC 110 and a grade of C or better in ITEC 220

References:

- *Java Foundations: Introduction to Program Design & Data Structures, 4th Edition,* John Lewis, Peter Depasquale, and Joseph Chase, 2016.
- *Object-Oriented Design and Patterns, 2nd Edition,* Cay Horstmann, John Wiley & Sons, 2006.

Evaluation:

Activity	Percent
Homework and Programs	40 %
Two Exams	40 % = 20% each * 2
Comprehensive final exam	20 %
Total	**100%**
Perfect Attendance and Full Attention in Class (bonus)	**Bonus 3 %** of the average of your earned exam scores
Bonus quizzes	**Bonus 2%**

NOTE 1: There will be bonus quizzes in this class.

- The dates for in class quizzes will not be announced.
- Quizzes will be graded on a 10 point scale.
- Missed quizzes cannot be made up.

NOTE 2: If you attend 100% of the classes and give me your **full attention** in class, I will add 3% of the average of your earnedexam scores on top of yours.

NOTE 3: **If you absence more than 6 lectures, you will get an F of this class**. Late 3 times in lecture sessions is equivalent to 1 absence. If you late more than 15 minutes, it will be considered as an absence.

Program grading:

- 20 points - Compiles
- 50 points - Runs and gives correct output
- 10 documentation in source codes– Java doc style comments, good use of spacing and indentation
- 10 UML
- 10 submission - properly submitted, correct name

Program submission: You should submit your homework in your D2L.

Homework problems: You may have to do some homework assignments in this course. These will be graded on correctness and completeness, as well as neatness, and clarity.

Late policy: No late homework or program assignments will be accepted.

Honor Code:

By accepting admission to Radford University, each student makes a commitment to understand, support, and abide by the University Honor Code without compromise or exception. Violations of academic integrity will not be tolerated. This class will be conducted in strict observance of the Honor Code. Refer to your Student Handbook for details. In this class the student is expected to do all out of class programming assignments on their own, without help from other students. All violations will be reported. All assignments are to be done independently unless I specifically say otherwise. The only exception to this is, of course, the lab project.

Special Assistance:

Students seeking academic accommodations under the Americans with Disabilities Act must register with the Center for Accessibility Services (CAS) to determine eligibility. Students qualified for academic accommodations will receive accommodation letters and should meet with each course professor during office hours, to review and discuss accommodations. For more information, call 540-831-6350 or visit http://www.radford.edu/content/cas/home.html.