

ITEC324 Principles of Computer Science III –Spring 2016

Section 1: MWF11:00-11:50AM (Davis 043)

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Office Hours: MF4-5PM; W4-6PM; F1-2PM; and by appointment

The best way to contact me is 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

Required Texts:

- *Object-Oriented Design and Patterns, 2nd Edition*, Cay Horstmann, John Wiley & Sons, 2006.
- *Data Structures and Algorithms in Java, Second Edition*, Robert Lafore, Sams Publishing, 2003.

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 earned exam 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: All work submitted for grading must be your own. 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. Any and all Honor Code violations will be referred to the Judicial Board without delay.

Special Assistance:

If you are seeking academic accommodations under the Americans with Disabilities Act at Radford University, you are required to register with the Disability Resource Office (DRO). To receive academic accommodations for this class, please submit your documentation to the DRO in the lower level of Tyler Hall Suites 54-69, by fax to 540-831-6525, by email to dro@radford.edu. After submitting documentation to our office, you will set up an interview with a Disability Services Specialist to discuss accommodations. You will be notified via email once your accommodation package is complete and ready to be picked up. Once you have picked up your accommodation package, you will need to meet with eachcourse professor during their office hours to review and discuss your package. For more information and/or for documentation guidelines, visit www.radford.edu/dro or call 540-831-6350.