COMP 241
Computer Science III: Data Structures and Algorithms

Fall 2011

Syllabus

Class Time: Monday, Wednesday, and Friday, 1:00-1:50pm
Classroom: 035 Barret Library

Instructor: Stephen V. Rice, Ph.D.
Office: 420W Ohlendorf
Office Hours: Monday and Wednesday, 2:00-3:00pm, Tuesday and Thursday, 10:00-11:00am, or by appointment
Cell Phone: (662) 202-6933
Email: rices@rhodes.edu


Course Description: An introduction to the fundamental concepts of data structures and the algorithms that arise from them, using the object-oriented design paradigm. Data structures covered include stacks, queues, linked lists, hash tables, trees, and graphs. Other topics include an introduction to iterative and recursive algorithmic strategies and basic algorithm analysis.

Prerequisites: COMP 142

Grading: The overall grade for this course will be determined according to the following weights:

15% Attendance and Participation
40% Assignments
10% Exam I
10% Exam II
10% Exam III
15% Final Exam

-------
100% Total