

JAN 18 2001

CS 1150 Programming with Data Structures

Prerequisites: CS 1140 (minimum 4)

Instructor: David Gregg

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Texts: Java: An object oriented approach by Arnow and Weiss (Required)
Java Structures by Duane Bailey (Required)

Evaluation:	Assignments and Quizzes	40%
	Midterm Exam	25%
	Final Exam	35%

Assignment Policy:

All assignments must be turned in—late or not—in order for you to receive a passing grade. Late assignments will be accepted but will be penalized by 30%. **To pass this course you must achieve an average of 50% on all exams.**

Course Description:

The course provides a review of programming principles (specification, implementation and testing), and an extension of Object Oriented concepts from CS 1140 including data abstraction, modular program construction and program re-use. The emphasis is on dynamic data structures (eg. sets, lists, stacks, queues, tables, trees), and their associated algorithms (eg. recursion, traversal, sorting, searching, hashing).

Course Format:

This course is three lecture hours and three lab hours per week.