

**Computer Science 147.02**  
Programming Algorithms and Data Structures  
Fall 2007  
MWF 12:00; AB1 211  
W 3:00-5:00, CJ 111

Instructor: **Dr. Gary W. Smith**  
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Overview: This is a second course in Computer Science. You must have successfully learned the material taught in CS 164/CS 146 in order to succeed in this course. In this course you will learn more advanced Java concepts and will be given an introduction to data structures. The programming language will be Java and we will focus on software engineering approaches to designing and writing computer programs including the use of object-oriented techniques

Prerequisites: CS 146, CS 164 or equivalent.

Text: *Data Abstraction & Problem Solving with java*, Carrano, Prichard

Grading: There will be exams, lab assignments and individual programming assignments and attendance. Grades will be recorded using a point system with 1,000 total points.

There will be three in-class exams and a final exam. Each exam will be worth 100 points. Except for extremely unusual circumstances, no make-up exams will be given.

Attendance will be taken in the lab and will be 10 points each, for a maximum of 100 points. The lab assignments will sum to 250 points and are meant to be completed in lab time. A missed lab assignment can be made up by the next lab with a 20% late penalty.

There will be several individual programming assignment for a total of 300 points. Assignments are due just before Midnight on the due date and will be turned in through Blackboard. I will normally accept late assignments up to one week late with a 20% late penalty.

	Points	<u>Total Points</u>	Final Grade
Exams	400	895-1000	A
Attendance	100	795-894	B
Lab Assign.	200	695-794	C
Prog. Assign.	<u>300</u>	595-694	D
	1000	0-594	F

Attendance: Students are required to attend class and are responsible for all material covered in class.

Demeanor: Students will refrain from behavior in the classroom that disrupts the learning process.

Academic

Dishonesty: Unless I explicitly state otherwise, all assignments in this course are **individual** assignments. This means that each student must fully develop his or her own solutions. Students are not allowed to work together on any assignment. Do not copy any one else's assignment and do not allow your assignment to be copied. Further guidelines can be obtained from <http://www.shsu.edu/syllabus>.

Other: See <http://www.shsu.edu/syllabus> for university regulations on religious holidays, disabilities and visitors