

**CS 106 INTRODUCTION TO COMPUTER PROGRAMMING USING PYTHON
SYLLABUS
Fall 2008**

<http://www.cis.uab.edu/cs106>

Instructor: Barrett Bryant, Ph. D. (bryant@cis.uab.edu)

Classroom: CH 430

Time: Tuesday, 4:00-5:15 P.M.

Office: CH 121 (934-2213)

Office Hours: Tuesday and Thursday, 2:00-3:00 P.M., or by appointment

Teaching Assistant: David O’Gwynn (cs106ta@cis.uab.edu)

Office Hours: Thursday, 11:00 A.M.-3:00 P.M., CH 154 (975-5796)

Textbook: [Introduction to Computing and Programming in Python: A Multimedia Approach](#), by Mark Guzdial. Pearson Prentice Hall, 2005.

Time Table:	<u>Date</u>	<u>Topic</u>	<u>Chapter</u>
	August 19	Introduction	1-2
	August 26	Modifying Pictures	3
	September 2	Modifying Pictures (continued)	3
	September 9	Modifying Pixels	4
	September 16	Modifying Pixels (continued)	4
	September 23	Making Pictures	5
	September 30	Modifying Sounds	6
	October 7	Modifying Sounds (continued)	6
	October 14	Modifying Samples	7
	October 21	Making Sounds	8
	October 28	Design and Debugging	9
	November 4	Creating and Modifying Text	10
	November 11	Robot Programming	
	November 18	Creating and Modifying Text (continued)	10
	November 25	Making Text for the Web	11
	December 2	Creating and Modifying Movies	12

Grading:	Lab Exam (October 9)	25%
	Final Exam (December 11)	25%
	Lab Exercises	20%
	Homework Exercises	20%
	Class Participation	10%

Grading Policy: The schedule of the 2 exams is fixed and cannot be changed to accommodate individual circumstances except for a major illness or family emergency. In such cases, arrangements must be made before the time of the exam to take the exam at a different time. Makeup exams will not be given without such prior approval and only for the

emergency cases indicated. There will be an exercise in each lab to be completed and turned in at the end of each lab. Some of these will be continued as homework programming exercises. These will be turned in at the lab on the day they are due, with a late penalty of 25% each week. The exercises are to be done independently. Any single incident of copying or duplication of work will result in the division of credit among the collaborators. A subsequent occurrence of academic dishonesty will result in the grade of F for the course. Class participation includes attentiveness, answering questions when called upon, and taking occasional quizzes. Please use the classroom computers instead of your own laptops while in class and do not surf the web, read e-mail, use your cell phone, etc.