Introduction to Computer Science (COSC 010) (Summer 2016)

PROFESSOR:

Mahendran Velauthapillai
Department of Computer Science   **Phone: 202-687-5936 (office)**
331 St.Marys

OFFICE HOURS:

   M-R :2.00 to 3.00 PM or by appointment

Notes:
June 6 :
June 7 :
June 8 :
June 9 :
June 13 :
June 14 :
June 15 :
June 16 :
June 20 :
June 21 : Midterm
June 22 :
June 23 :
June 27 :
June 28 :
June 29 :
June 30 :
July 5 :
July 6 :
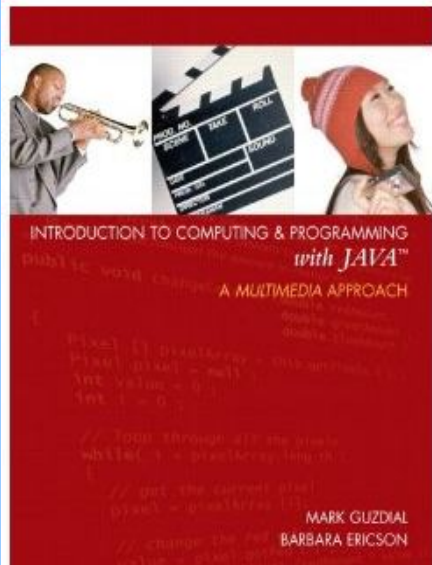July 7 : Finals

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TEACHING ASSISTANTS:

Name	Office Hours	Location	Email

| Julia Hockett | 7-8PM or by Appointment | STM 343 | jlh279@georgetown.edu |

COURSE DESCRIPTION:

The class is designed to give hands on expreience in using computers and computer programming. The topics will be broadly based on the following topics:

Boolean logic, circuits, graphics, algorithms, databases, issues of computability and complexity, memory access (internal/external), networks, security and multimedia. Java will be used as the media by which these topics will be covered.
Students will be required to write programs in Java.

TEXT:

	Introduction to Computing and Programming with JAVA A Multimedia Approach
	by Mark Guzdial & Barbara Ericson
	Publisher: Prentice Hall
ISBN:	0-13-607347-6

TOPICS COVERED:

The whole text

COURSE REQUIREMENTS:

 18 Labs: 70% of your final grade; (you will fail if you don't show up to class)

ALL LABS MUST BE COMPELETED THE SAME DAY

 Mid Term: 10% of your grade
 Final: 20% of your grade

IMPORTANT DATES:

Mid term1: June 21 (R)
Finals; July 7(R)

Course Schedule:

Date	Topic
======	=====
6/06	Intro
6/07	Chap1
6/08	Chap2
6/09	Chap3
6/13	Chap3
6/14	Chap4
6/15	Chap4
6/16	Chap5
6/20	Chap5
6/21	Midterm
6/22	Chap6
6/23	Chap6
6/24	Chap7
6/23	Chap7
6/27	Chap8
6/28	Chap8
6/29	Chap9
6/30	Chap9
7/05	Chap10
7/06	Chap10
7/07	Finals

Home Work	Given	Points	Problem
1	6-6	25	
2	6-7	25	
3	6-8	25	
4	6-9	25	
5	6-13	25	
6	6-14	25	
7	6-15	25	
8	6-16	25	
9	6-20	25	

10	6-22	25
11	6-23	25
12	6-27	25
13	6-28	25
14	6-29	25
15	6-30	25
16	7-05	25
17	7-06	25