

Introduction to Computer Science (COSC 010) (Summer 2018)

PROFESSOR:

Mahendran Velauthapillai
Department of Computer Science
331 St.Marys

Phone: 202-687-5936 (office)

OFFICE HOURS:

M-R :2.00 to 3.00 PM or by appointment

TEACHING ASSISTANTS:

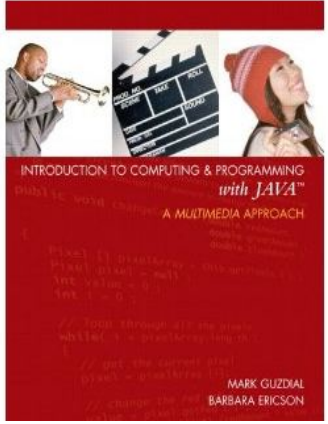
Name	Office Hours	Location	Email
xxxxxxx	7-8PM or by Appointment	STM 343	xxxxxxx

COURSE DESCRIPTION:

The class is designed to give hands on experience in using computers and computer programming.

Students will be introduced to digital logic, circuits, graphics, memory access (internal/external), networks, security, algorithms, representation of information in computers and programming. Students will write programs, and perform other laboratory exercises to understand these concepts. 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 5(R)

Course Schedule:

Date	Topic
=====	=====
6/04	Intro
6/05	Chap1
6/06	Chap2
6/07	Chap3
6/11	Chap3
6/12	Chap4
6/13	Chap4
6/14	Chap5
6/18	Chap5
6/19	Chap6

6/20	Chap6
6/21	Midterm
6/25	Chap7
6/26	Chap7
6/27	Chap8
6/28	Chap8
7/02	Chap9
7/03	Chap10
7/05	Finals

Notes:

Couse notes will be available here the day before class.

Home Work	Given	Points	Problem
1	6-4	25	
2	6-5	25	
3	6-6	25	
4	6-7	25	
5	6-11	25	
6	6-12	25	
7	6-13	25	
8	6-14	25	
9	6-18	25	
10	6-19	25	
11	6-20	25	
12	6-21	25	Midterm
13	6-25	25	
14	6-26	25	
15	6-27	25	
16	6-28	25	
17	7-02	25	
18	7-03	25	

19	7-05	100	Final
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COURSE POLICY:

1. All *Home works* should be turned in at the end of the class. Keep the graded home works until the semester is over. Do NOT discard your home works.
2. Late Home work will NOT be accepted.
If you cannot make it to class to turn in your home work its your responsibility to turn it in prior to the due date.
3. Makeups and extensions will be given only for medical reasons.

COURSE ETHICS:

You can discuss the questions with your classmates, but do not copy the solutions.