CS 123

INTRODUCTION TO COMPUTING AND PROGRAMMING FOR SOCIAL SCIENCES

COURSE OUTLINE

SPRING 2015-2016

Instructor : *İpek Sözen / Lori Russell Dağ*
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Office Hours: By appointment

There will be <u>no Labs </u>for the <u>first THREE WEEKS </u>of the semester.

Text Book

Title : Microsoft Office 2010 Volume I

Authors : Grauer, Poatsy, Mulbery, Hulett, Krebs, Mast
Publisher : Pearson
Title : MATLAB, An Introduction With Applications
Author : Amos Gilat
Publisher : Wiley

Tentative Grading:

LAB ASSIGNMENTS	20%
PERFORMANCE	5%
EXCEL EXAM	25%
MATLAB EXAM	50%

NOTE: If you receive below 25 from <u>either</u> of the exams, you will fail in the course.

WEEK	DATE		TOPICS COVERED	LABS	EXAMS
01	27/01/2016	29/01/2016	INTRODUCTION	NO LAB	
02	01/02/2016	05/02/2016	EXCEL 1 Introduction, cell references	NO LAB	
03	08/02/2016	12/02/2016	EXCEL 2 Absolute references	NO LAB	
04	15/02/2016	19/02/2016	EXCEL 3 Excel functions	LAB 01	
05	22/02/2016	26/02/2016	EXCEL 4 Charts	LAB 02	
06	29/02/2016	04/03/2016	EXCEL 5 Database operations	LAB 03	
07	07/03/2016	11/03/2016	Review	LAB 04	EXAM 1 12/03/2016 Saturday
08	14/03/2016	18/03/2016	MATLAB 1 Introduction	NO LAB	
09	21/03/2016	25/03/2016	MATLAB 2 Array operations	LAB 05	
10	28/03/2016	01/04/2016	MATLAB 3 Scripts Relational and Logical Operators	LAB 06	
11	04/04/2016	08/04/2016	MATLAB 4 Conditional statements	LAB 07	
12	11/04/2016	15/04/2016	MATLAB 4 Plotting	LAB 08	
13	18/04/2016	22/04/2016	MATLAB 5 Loops	LAB 09	
14	25/04/2016	29/04/2016	MATLAB 6 Programming exercises	LAB 10	EXAM 2 30/04/2016 Saturday
15	02/05/2016	03/05/2016	MATLAB 7 Review	NO LAB	