

**MARMARA UNIVERSITY**  
**Faculty of Engineering**  
**CSE100 Introduction to Computer Engineering - 2013 Fall**

**Course Objectives:**

The purpose of this course is to introduce the concepts and design of computing systems.

**Textbook:**

Yale N. Patt, Introduction to Computing Systems from Bits&Gates to C & Beyond

**Lecture Hours:** Monday 12:30-14:20 MC 165

**Instructor:** Assist. Prof. Dr. Betül Boz  
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**Assistant:** Emel Küpçü  
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**Office Hours:** Monday 14:30 – 16:20

**Course Outline:**

Introduction  
Bits, Data Types & Operations  
Digital Logic Structures  
The Von Neumann Model  
The LC-2 Instruction Set Architecture  
Programming  
LC-2 Assembly Language  
Input/Output  
TRAP Routines  
The Stack

**Grading:**

Homework & Quiz	35%
Midterm	25%
Final	40%