



## Microprocessor and Interfacing (3+1)

**Course Supervisor:** Engr. Abdul Baseer

**Course Group:** [http://groups.yahoo.com/group/HIIT\\_Mnl/](http://groups.yahoo.com/group/HIIT_Mnl/)

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### Course Objective:

The objective of this course is to acquaint the students with the architecture, programming, interfacing, and applications of microprocessors/microcontrollers.

**Text Book:** Muhammad Ali Mazidi, Janice Mazidi and Rolin McKinlay, "8051 Microcontroller and Embedded Systems", Prentice Hall, ISBN: 013119402X, Latest edition.

### Marks Distribution:

- Final Term: 50 %
- Mid Term: 30%
- Semester Progress: 20%
  - a. Attendance (75% mandatory to sit in the exam hall)
  - b. Class performance
  - c. Quizzes
  - d. Assignments

**Time Table  
Summer 2014**

SUBJECT	MON	TUE	WED	THU	FRI
Microprocessor and Interfacing	830 - 1130	830 - 1130	830 - 1130		
LAB				830 - 1230	830-1030

## Daily Schedule

Date	Chapter	Chapter Queries	Remarks
14-July	Chapter 0	Introduction to Computing	
<b>15-July</b>	<b>Chapter 0</b>	<b>Introduction to Computing</b>	<b>Quiz 01</b>
16-July	Chapter 1	The 8051 Microcontrollers	
<b>21-July</b>	<b>Chapter 1</b>	<b>The 8051 Microcontrollers</b>	<b>Quiz 02</b>
22-July	Chapter 2	8051 Assembly Language Programming	
<b>23-July</b>	<b>Chapter 2</b>	<b>8051 Assembly Language Programming</b>	<b>Quiz 03</b>
4-August	Chapter 3	Jump Loop and Call instructions	
<b>5-August</b>	<b>Chapter 3</b>	<b>Jump Loop and Call instructions</b>	<b>Quiz 04</b>
<b>6-AUGUST: MID TERM: CHAPTERS 0,1,2,3 (TIME: 830AM)</b>			

Date	Chapter	Chapter Queries	Remarks
11-August	Chapter 4	I/O Port Programming	
12-August	Chapter 8	Hardware connection and intel hex file	
13-August	<b>Chapter 4&amp;8</b>		<b>Quiz05</b>
18-August	Chapter 5	Addressing Modes	
19-August	Chapter 5	Addressing Modes	
<b>20-August</b>	<b>Chapter 5</b>	<b>Addressing Modes</b>	<b>Quiz06</b>
<b>22-AUGUST: FINAL TERM: CHAPTERS 4, 8, 5 (TIME: 830AM)</b>			