

Faculty of Engineering & Technology

Microprocessors and Applications

Information :

Course Code : CMP 351

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Department of Electrical Engineering

Instructor Information :

Title	Name	Office hours
Professor	Ahmed Fahmy Amin Mahros	10
Lecturer	Nermin Mohamed Fawzy Mahmoud Salem	13
Teaching Assistant	Ahmed Mahmoud Mohamed Mahmoud Hegazy	
Teaching Assistant	Mohamed Ibrahim Mohamed Ibrahim	1

Description :

Introduction to microprocessors, Architecture, Microprocessor hardware, Assembly language fundamentals, Programming, Microprocessor system connections, Timing in microprocessors, Interrupts and interrupt service procedures, Microprocessor timing specifications, Interfacing, Programmable chips , Data acquisition systems, Applications of closed loop control, I/O hardware alternatives, Developments tools, Troubleshooting case studies