16.317 Microprocessor I

This three credit course provides an introduction to microprocessors. It uses assembly language to develop a foundation on the hardware, which executes a program. Memory and I/O interface design and programming. Study of microprocessor and its basic support components, including CPU architecture, memory interfaces and management, coprocessor interfaces, bus concepts, serial I/O devices, and interrupt control devices. Laboratories directly related to microprocessor functions and its interfaces.

Prerequisite: 16.265 Introduction to Logic Design and 16.365 Electronics I.

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TA Office hours: Mon 12:30-1:30pm, Tues,Wed,Thurs 12:30-2:30pm

Class time: MWF 11:30AM-12:20PM

Class location: Bal 326

Lab time: Open lab

Lab location: BL 407

Please read the course syllabus here.