

Microcontrollers; [3 Cr. H]	0904537	Pre-req. [0904330]
<p>Introduction to computing. The PIC microcontroller: History and features, PIC Architecture & Assembly Language Programming. Branch, Call, and Time Delay Loop. PIC I/O Port Programming. Arithmetic, Logic Instruction, and Programming. Bank Switching, Table processing, Macros, and Modules. PIC18F Hardware connection and ROM loaders. PIC18 Timer programming in Assembly, PIC18 serial port programming in assembly, Interrupt programming in assembly, LCD .and Keyboard interfacing. ADC, DAC and sensor interfacing</p>		