


PIC-102 課程介紹

- 此課程與 PIC-101 是系列課程，欲報名參加此課程的學員請先參與 PIC-101 課程。

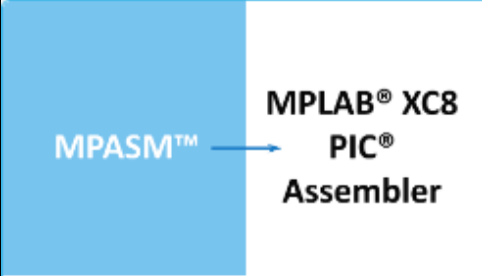


Architecture of the PIC16

**8 Bit
Microcontrollers:
Architecture of the
PIC16**

This class covers the basic architecture, memory map, instruction set, interrupt structure and special features of the PIC16F1x family of devices. (Feb 2022)

69 min



MPASM™ → MPLAB® XC8
PIC®
Assembler

**Migrating from
MPASM™ to
MPLAB® XC8 PIC®
Assembler**

This course will help you migrating your existing MPASM™ projects to MPLAB® XC8 PIC® Assembler. The lecture will focus only on differences between the two assemblers. (Feb 2023)

16 min

- 此課程以 PIC16F18446 為課程範例，主要內容如下：
 - 簡短介紹 Microchip 開發工具 & 硬體除錯器 SNAP
 - PIC MCU 架構簡介
 - APP-All MCU 2023 實驗板簡介
 - I/O，Timer，PWM，ADC & interrupt 的規劃與使用

- MU 課程連結：
 - <https://mu.microchip.com/8-bit-microcontrollers-architecture-of-the-pic16>
 - <https://mu.microchip.com/migrating-from-mpasmtm-to-mplab-xc8-pic-assembler>