**CAMOSUN COLLEGE**

**ELECTRONICS DEPTARTMENT**

**ECET 165 - LAB 11**

**Analog to Digital Converter**

Create a lab11XXanalog Test project using the MPLAB development system. Your source code shall be well documented and saved in the file lab11XXanalog.c

Reference:

PIC18F57Q43 datasheet page 722 to 768

Objective:

Write a program that will display two analog reading on the second line of the LCD with the operational clock on the first line. The analog readings do not need to be displayed when the clock is being set. The reading must be displayed at least once per second. One analog read will show a POT voltage from 0 to 5V the other will show a light reading.