



HCS12 DESIGN CONTEST

CSE 334 FINAL PROJECT

SPRING 2017

**DEMO IS SCHEDULED FOR WEDNESDAY ON THE SECOND WEEK OF
FINALS BETWEEN 13:00-17:00**

IN YOUR PROJECT YOU WILL USE:

1. PORTB LEDs
2. 7-SEGMENT LEDs CONNECTED TO PORTB
3. DIP SWITCHES CONNECTED TO PTH
4. TIMER MODULE TIMER OVERFLOW PROPERTY
5. TIMER MODULE OUTPUT COMPARE AND/OR INPUT CAPTURE
6. INTERRUPTS
7. SERIAL COMMUNICATION
8. AT LEAST ONE SENSOR
9. LCD ON DRAGON12 BOARD
10. BUZZER CONNECTED TO PTT5
11. ANY DIFFERENT PROPERTY THAT COUNTS...

EACH OF THE ABOVE PROPERTIES SUPPLIES YOU POINTS.

YOUR PROJECT TOPIC MUST BE ORIGINAL AND BELONG TO YOU. EACH ONE WILL COME WITH A DIFFERENT PROJECT. THE PROJECT TOPIC WILL BE SEPARATELY GRADED BY A JURY INCLUDING TAS.

SUBMIT YOUR PROJECT TITLE AND ABSTRACT TO THE FORM IN MOODLE BEFORE APRIL 11, TUESDAY 17:00.

THIS IS A CONTEST, DO AS MUCH AS YOU CAN. SHOW WHAT YOU CAN.

A BETTER PROJECT IS BETTER FOR YOUR CV, BETTER FOR THE LECTURE AND BETTER FOR YOUR LAST YEAR TERM PROJECT.

ANY CHEATING ATTEMPT WILL BE PUNISHED SEVERELY.

THE FIRST THREE WILL GET CERTIFICATE OF SUCCESS.