

# EE335 Advanced Microcontroller Engineering

## Oregon Tech Portland, Winter 2014

Lab Assignment #8 - *Stand Alone Applications*  
Due March 6

### Objectives:

Modify and demonstrate how to make a program "stand alone". It must start running immediately when power is applied.

### Equipment Required:

Dragon12 board and one of your programs from lab assignment 2 through 7. Assignment 7 is preferred.

### Background Information:

The book outlines how to create a stand alone application, and this was demonstrated in class. Your program from an earlier lab assignment will not run stand alone without being modified.

### Assignment:

Modify your earlier lab assignment program to run stand alone. Demonstrate that it will start and run immediately when the power is applied without loading the program or issuing any DBUG-12 commands.

This time I won't say "don't forget the heartbeat monitor" because it is already there. But it must continue to work, of course!

### To turn in:

- Documented program listing
- Discussion of what you did