

***Agricultural Electronics: Advanced Agricultural Electronics Networks Development***

Spring 2010

BAE 5030 – Section 352

**Homework Assignment #1**

**Due: January 19, 2010**

**Survey of low-power microcontrollers and c programming exercise**

1. Use the internet to assemble a list of low-power microcontrollers that would be competitive with the TI MSP-430. Collect defining characteristics for the controllers and assemble a comparison of the different processors.
2. Use Visual Studio to create a “c” program that will run on the PC console. This program should prompt the operator to enter the first and second number and then multiply the two numbers and print the result. The library functions “printf” and “scanf” may be used to display or retrieve number to or from the operator.