

Electrical and Computer Engineering Technology Program

ECET 45500 Windows Application Program

Final Examination

Total: 350 points

- Design a Windows based application that should read or extract data from an outside source (preferably from other Microcontroller). Carry on a particular computation on the data. Demonstrate the results of the computation through the application. Control some other parameter(s) or process of your own choosing or save the computation to another file. Incorporate material from Chapter 6th and 7th of Function X book dealing with files I/O is strongly suggested.
- Written abstract is to be submitted by: April 14th 2015. A significant allocation of points will be allocated to the originality of the idea and use of controls from the text that is not formally covered in the class (demonstrate the ability of independently learn beyond basic subject content).
- As per the abstract design the actual application and make a formal presentation, consisting of: 1) Formal Technical Report and 2) A demonstration of the Application to the class with proper Slide Presentation. 3) Soft copy of the application's project is to be submitted on the finals day.
- Due Date: Finals Day (May 5th 2015, Lab timings in same location).

➤ Embarcadero RAD studio XE
C++ Builder XE

50 Points Overall Presentation

➤ File → New → VCL Forms Application - C++ Builder
(GUI environment)

➤ Arduino UNO ATmega 328P