GUI-Based Control – Introduction

Preliminaries:

Instructor: Dr. Paul Oh
Contact: 215-895-6396, 215-895-1478 (Fax), paul@coe.drexel.edu
Web page: http://www.mem.drexel.edu/pauloh.html - courses link
Prerequisite: MEM639 Real-Time Microcomputer Control I
Text: Teach Yourself Visual Basic 5 in 21 Days by Gurewich

Preamble: Graphical user interfaces (GUI), first introduced by Xerox in the early 1980s is the pre-dominant paradigm. Controlling peripherals for today’s applications thus demands GUI’s.

Lesson Plan:

- Short history and why Visual Basic
- Visual Basic Integrated Development Environment (IDE)
- Hello World example
- Various components: buttons, text/option boxes
- Hardware: Stepper motors

Next Week:

- Computer account signup sheet
- Get text book if you haven’t done so
- Office hours: Wednesdays 5 to 6
- Homework – See Handout