Pop Up Class – myRio Basics

1. Class Overview
   o Description
     This class will help students get started interfacing NI myRIO to a broad variety of sensors, actuators, and other components using NI LabVIEW software.
   o Prerequisites
     LabVIEW basics
   o Anticipated Class Size – 20 max
   o Class Duration – 1 ½ hours
   o Material Needed
     • NI myRIO Device
     • NI LabVIEW development environment

2. Safety

3. Educational Objectives
   o Students will be able to:
     ▪ Assemble myRIO system
     ▪ Understand embedded programming with LabVIEW
     ▪ Build your first application

4. Class Format
   o Pre-Class activity
     ▪ Review LabVIEW programming
   o In-Class activity
     i. Presentation
     ii. Hands-on exercise
     iii. Q&A

5. Evaluation
   o Students fill out an evaluation on the content, learning objectives, and instructor.