

SUNY Canton College, Electrical Engineering Technology
ELEC 141 Industrial Controls

Industrial Controls, REPORT #1

Due Date: _____

Introduction to National Instruments Multisim 10 and sequence of operations

Requirements:

Use National Instruments Multisim 10 Software. An example control diagram will be provided.

Create a ladder logic program that will simulate control the motor as shown on the demonstration table in laboratory.

- The motor will not run until a “start” pushbutton is pressed.
- The motor will stop when a “stop” pushbutton is pressed.
- All devices to be labeled appropriately, all rungs with appropriate comments.
- Include title block.

Create an introduction page to explain the sequence and order of operations for this program. (See the link on the web page for an example.)

This is a laboratory report. Your work should represent your best effort.

Please include; cover page, sequence of operations, and multisim schematic diagram.

Please ask if there are questions.