TERRA STATE COMMUNITY COLLEGE

EET 2440 Programmable Controller I, Performance Assessment #1

Student Name: _____   Date: _____

This Performance assessment requires that each student successfully demonstrates each of these tasks to the instructor's satisfaction. To pass this assessment, students must complete all tasks. Prior to taking this assessment, the student must pass (minimum of 80%) the Knowledge and Application Assessment. The student cannot proceed to the next Performance Assessment without completing this one first.

Check	#	Skills Task
_____	1.	Identify and explain the diagnostic indicators on the ML 1000 training unit.
_____	2.	Identify and explain the hardware on the SLC-500 training unit, including I/O addressing and port identification.
_____	3.	Determine the IP address of a computer in the Terra PLC Lab.
_____	4.	Delete all communication drivers in RSLinx. Create an RS-232, Ethernet and Ethernet IP drivers in RSLinx to communicate with and SLC-5/05.
_____	5.	Use the Ping command to verify communication between a computer and a PLC processer.
_____	6.	Create an SLC-500 project using RSLogix500
_____	7.	Configure Channel 1 of an SLC-5/05 for a specific IP address assigned by your instructor.
_____	8.	Use RSLogix500 and RSLinx to download a project, go online, change modes, and upload a project.
_____	9.	Reset the SLC-500 processor back to factory default settings.