Module Learning Sequence

Course Number and Title:	PLC220 Programmable Controller III
Module # and Topic Title:	Module #2: Configuring ControlLogix Communications with Ethernet II (Remote I/O)
Semester:	Any – Last updated – 3/10/17 ---- TOT means Time On Task

ACTIVITY	DESCRIPTION	TIME ON TASK	
Reading Activity	Allen Bradley EtherNetIP Network Configuration Users Manual: Ch. 1 – EtherNetIP Overview Ch. 2 – Configure a workstation to operate on an Ethernet/IP Network Ch. 3 - Configure an EtherNet/IP Communications Module to Operate on a Network Ch. 4 – Control I/O Ch. 5 – Interlocking and Data Transfer between Controllers	Est. TOT **4.0 Hr.**	
Learning Activities	Instructional Materials: *PLC220_Student Materials_Ethernet-bootp-server_M2.pdf *PLC220_Student Materials_Ethernet-Cmd-Utilities_M2.pdf *PLC220_Student Materials_Ethernet-Computer-Set-up-win7_M2.pdf *PLC220_Student Materials_Ethernet-Computer-Set-up-xp_M2.pdf *PLC220_Student Materials_Number_Conversion_M2.pdf (Proprietary material, contact Tom Wylie at 419.267.1203 for more information on how to obtain this material)	Est. TOT **4.0 Hr.**	
Learning Activities	Videos for Module 2 Topics: *Video 1: Remote_Chassis_Manual_Config_M2: https://www.youtube.com/watch?v=-p23bwRzvEM&feature=youtu.be *Video 2: Remote_Chassis_Module_Discovery_M2: https://www.youtube.com/watch?v=qfsA_Qy2jOg&feature=youtu.be *Video 3: Alais_Tags_M2: https://www.youtube.com/watch?v=eEsUpTww9rw&feature=youtu.be *Video 4: Ethernet_CMD_Line_Utilities_M2: https://www.youtube.com/watch?v=5dbeOMwiCMQ&feature=youtu.be *Video 5: Using_Bootp_DHCP_M2: https://www.youtube.com/watch?v=UHDz8tLwcTI&feature=youtu.be	Est. TOT **2.0 Hr.**	
Learning Activity	KAA Study Guide for Module 2	Est. TOT **1.0 Hr.**	
KAA	KAA for Module 2	Est. TOT **1.0 Hr.**	Min 80%
Lab Exercise	PLC220 Lab Exercise_4_Assigning_IP_address_Lab_M2.pdf	Est. TOT **1.0 Hr.**	

Lab Exercise	PLC220 Lab Exercise_5__Remote_Chassis_M2.pdf	Est. TOT **1.0 Hr.**	
Lab Exercise	PLC220 Lab Exercise_6_Point_IO_M2.pdf	Est. TOT **1.0 Hr.**	
Hands-On Assessment	Hands-On Assessment for Module 2	Est. TOT **1.5Hr.**	100% Req.
TOTAL		**Approx. 16.5 Hrs**	

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