

# Module Learning Sequence

<b>Course Number and Title:</b>	PLC220 Programmable Controller III		
<b>Module # and Topic Title:</b>	Module #3: Configuring ControlLogix Communications with Ethernet III (Messaging & Producer/Consumer Tags)		
<b>Semester:</b>	Any – Last updated – 8/25/18 ---- TOT means Time On Task		
ACTIVITY	DESCRIPTION	TIME ON TASK	
Reading Activity	Allen Bradley Logix5000 Controllers General Instruction Reference Manual: Chapter 8 (Array (File)/Miscellaneous Instructions)	Est. TOT <b>4.0 Hr.</b>	
Learning Activities	Vendor Manuals for Student Reference: *AB Logix5000 Controllers Messages Programming Manual.pdf *AB Logix5000 Produced and Consumed Tags Programming Manual.pdf	Est. TOT <b>2.0 Hr.</b>	
Learning Activities	Videos for Module 3 Topics: *Video 1: Messaging_IO_Configuration_M3: <a href="https://www.youtube.com/watch?v=FKuFTd7jP38&amp;feature=youtu.be">https://www.youtube.com/watch?v=FKuFTd7jP38&amp;feature=youtu.be</a>  *Video 2: Messages_M3: <a href="https://www.youtube.com/watch?v=xZ9hOIoM00A&amp;feature=youtu.be">https://www.youtube.com/watch?v=xZ9hOIoM00A&amp;feature=youtu.be</a>  *Video 3: Produced_Consumed_Tags_M3: <a href="https://www.youtube.com/watch?v=TnV_5xnFeeU&amp;feature=youtu.be">https://www.youtube.com/watch?v=TnV_5xnFeeU&amp;feature=youtu.be</a>	Est. TOT <b>2.0 Hr.</b>	
Learning Activity	PLC220_Module 3 KAA Study Guide.pdf	Est. TOT <b>1.0 Hr.</b>	
KAA	PLC220 Module 3 Knowledge & Application Assessment	Est. TOT <b>1.0 Hr.</b>	Min 80%
Lab Exercise	PLC220 Lab Exercise_7_Messages_M3.pdf	Est. TOT <b>1.5 Hr.</b>	
Lab Exercise	PLC220 Lab Exercise_8_Producer_Consumer_Tags_M3.pdf	Est. TOT <b>1.5 Hr.</b>	
Hands-On Assessment	Hands-On Assessment for Module 3	Est. TOT <b>1.5Hr.</b>	100% Req.
<b>TOTAL</b>		<b>Approx. 14.5 Hrs</b>	

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