

<b>Course Number and Title:</b>	PLC210 Programmable Controller II			
<b>Module # and Topic Title:</b>	Module #3: AB ControlLogix/CompactLogix File/Misc. Instructions			
<b>Semester:</b>	Any – Last updated – 12/14/16			
ACTIVITY	DESCRIPTION	TIME ON TASK	DUE	POINTS
Reading Activity	Intro to ControlLogix PAC, Gary Dunning, 2nd Edition: Chapter 16 (Data-Handling Instructions), Pg. 424-428.	Estimated TOT <b>1.5 Hr.</b>		
Reading Activity	Allen Bradley Logix5000 Controllers General Instruction Reference Manual: Chapter 7 (Move/Logical Instructions), <b>Focus on just the Ladder Logic Instructions.</b> -MOV - Move Instruction - Pg. 409-MVM - Masked Move - Pg. 402	Estimated TOT <b>1.5 Hr.</b>		
Reading Activity	Allen Bradley Logix5000 Controllers General Instruction Reference Manual: Chapter 8 (Array (File)/Miscellaneous Instructions), <b>Focus on just the Ladder Logic Instructions.</b> -COP/CPS - Copy File & Synchronous Copy File Instruction - Pg. 418-FAL - File Fill Instruction - Pg. 478-FLL - File Arithmetic Logic - Pg. 446	Estimated TOT <b>2.0Hr.</b>		
Learning Activity	Module 3 Instructor Overview Document	Estimated TOT <b>1.5 Hr.</b>		
Learning Activity	Video: PLC210_M3_MVM Instruction: <a href="https://www.youtube.com/watch?v=qapEKnocN_c&amp;feature=youtu.be">https://www.youtube.com/watch?v=qapEKnocN_c&amp;feature=youtu.be</a>	Estimated TOT <b>0.5 Hr.</b>		
KAA	KAA for Module 3	Estimated TOT <b>1.5 Hr.</b>		Minimum of 80%
Lab Exercise	PLC210_Lab_Exercise_4_Move and File Instructions 1_M3	Estimated TOT <b>1.0 Hr.</b>		
Lab Exercise	PLC210_Lab_Exercise_5_Move and File Instructions 2_M3	Estimated TOT <b>1.0 Hr.</b>		
Hands-On Assessment	Hands-On Assessment for Module 3	Estimated TOT <b>2.0 Hr.</b>		100% Demonstration

TOTAL		<b>Approx. 12.5 Hrs</b>	12-15 hours per week	
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