

Course Number and Title:	PLC210 Programmable Controller II			
Module # and Topic Title:	Module #4: AB ControlLogix/CompactLogix Types of Data Tags			
Semester:	Any – Last updated – 12/14/16			
ACTIVITY	DESCRIPTION	TIME ON TASK	DUE	POINTS
Reading Activity	Intro to ControlLogix PAC, Gary Dunning, 2nd Edition: Chapter 9 (Creating and Monitoring RSLogix 5000 Tags), Pg. 234-250.	Estimated TOT 1.5 Hr.		
Reading Activity	Allen Bradley Logix5000 Controllers General Instruction Reference Manual: Chapter 21 (Common Attributes for General Instructions),-Data Conversions - Pg. 792	Estimated TOT 1.5 Hr.		
Reading Activity	Allen Bradley Logix5000 Controllers General Instruction Reference Manual: Chapter 10 (Sequencer Instructions):-SQO - Sequencer Output - Pg. 537	Estimated TOT 1.5 Hr.		
Learning Activity	Module 4 Instructor Overview Document	Estimated TOT 1.5 Hr.		
Learning Activity	Video 1: PLC210_M4_FAL Instruction: https://www.youtube.com/watch?v=N9rMiH1R8RY&feature=youtu.be Video 2: PLC210_M4_SQO Instruction: https://www.youtube.com/watch?v=TCgk3y3X_AY&feature=youtu.be	Estimated TOT 0.5 Hr.		
CAA	CAA for Module 4	Estimated TOT 1.5 Hr.		Minimum of 80%
Lab Exercise	PLC210_Lab_Exercise_6_Data Types in ControlLogix_M4	Estimated TOT 1.0 Hr.		
Lab Exercise	PLC210_Lab_Exercise_7_Sequencer Output Instruction_M4	Estimated TOT 1.0 Hr.		
Lab Exercise	PLC210_Lab_Exercise_8_Data Array Tags_M4	Estimated TOT 1.0 Hr.		
Lab Exercise	PLC210_Lab_Exercise_9_User Defined Data Types_M4	Estimated TOT 1.0 Hr.		

Module Learning Sequence

Hands-On Assessment	Hands-On Assessment for Module 4	Estimated TOT 1.5 Hr.		100% Demonstration
TOTAL		Approx. 13.5 Hrs	12-15 hours per week	

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