Module Learning Sequence

Northwest State Community College

Course Number and Title:	PLC210 Programmable Controller II
Module # and Topic Title:	Module #6: AB ControlLogix/CompactLogix Project Structure, Routines
Semester:	Any – Last updated – 12/14/16

ACTIVITY	DESCRIPTION	TIME ON TASK	DUE	POINTS
Reading Activity	Allen Bradley Logix5000 Controllers General Instruction Reference Manual: Chapter 7 (Move/Logical Instructions), **Focus on just the Ladder Logic Instructions.** Chapter 11, Pg. 554, JSR,SBR, RET	Estimated TOT **1.5 Hr.**		
Reading Activity	AB Logix5000 Controllers Design Considerations Manual: Chapter 2 (Logix Execution) - Pg. 24 – 30	Estimated TOT **1.5 Hr.**		
Learning Activities	Video Placeholder: How to Organize the Controller Objects	Est. TOT **1.0Hr.**		
Learning Activity	Module 6 Instructor Overview Documents.pdf	Estimated TOT **2.0 Hr.**		
Learning Activity	Video: PLC210_M6_Routines: https://www.youtube.com/watch?v=0zEnsPvbN0E&feature=youtu.be	Estimated TOT **0.5 Hr.**		
KAA	KAA for Module 6	Estimated TOT **2.0 Hr.**		Minimum of 80%
Lab Exercise	PLC210_Lab_Exercise_13_Controller Routines_M6	Estimated TOT **2.0 Hr.**		
Hands-On Assessment	Hands-On Assessment for Module 6	Estimated TOT **2.0 Hr.**		100% Demonstration
TOTAL		**Approx. 12.5 Hrs**	12-15 hours per week	

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