

Module Content Outline

Course Number and Title:	PLC200 Programmable Controller I			
Module # and Topic Title:	Module #3: Allen Bradley SLC-500 Timer & Counter Instructions			
Semester:	Any – Last updated – 1/6/17			
ACTIVITY	DESCRIPTION	TIME ON TASK	DUE	POINTS
Reading Activity	PLC200 Module 3_Instructional Document 1_Programming Timers.pdf	Estimated TOT 1.0 hours		
Reading Activity	PLC200 Module 3_Instructional Document 2_Programming Counters.pdf	Estimated TOT 1.0 Hr.		
Reading Activity	Vendor Manual: Allen Bradley SLC-500 Instruction Set Reference***Chapter 2: Basic Instruction, Pages 2-8 through 2-20, on the operation of timer and counter instructions	Estimated TOT 1.0 Hr.		
Learning Activity	Allen Bradley SLC-500 Timer Basics	Estimated TOT 1.0 Hr.		
Learning Activity	Allen Bradley SLC-500 Counter Basics	Estimated TOT 1.0 Hr.		
Learning Activity	KAA Study Guide	Estimated TOT 1.0 Hr.		
Knowledge & Application Assessment KAA	KAA for Module 3	Estimated TOT 1.0 Hr.		Minimum of 80%
Lab Exercise	PLC200_Lab05_SLC-500 On-delay Timer Lab 1	Estimated TOT 1.0 Hr.		
Lab Exercise	PLC200_Lab06_SLC-500 On-delay Timer Lab 2	Estimated TOT 1.0 Hr.		
Lab Exercise	PLC200_Lab07_SLC-500 Counter Instructions Lab	Estimated TOT 1.0 Hr.		
Lab Exercise	PLC200_Lab08_SLC-500 Off-delay Timer Lab	Estimated TOT 1.0 Hr.		
Hands-On Assessment	Hands-On Assessment for Module 3	Estimated TOT 1.0 Hr.		100% Demonstration
TOTAL		Approx. 12 Hrs	11-15 hours per week	

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