



# SYLLABUS

## CLASS OUTLINE-----Spring Term 2023

**Details of assignments will be available on *Desire 2 Learn* (D2L). We will be following the Students Manual for Automation Direct PLCs, by IT3, and apply the challenges to Allen-Bradley PLCs as well. More information will be added as we go.**

<i>Monday</i> <b>22 May</b>	<b>Intro and review of basic motor control and PLC principles, both hardware &amp; software. Wire the Inputs and the Outputs to the PLC. Intro to the Automation Direct software.</b>
<i>Tuesday</i> <b>23 May</b>	<b>Possible Tour of a Manufacturing plant</b>
<i>Wednesday</i> <b>24 May</b>	<b>Navigation of Automation Direct software, addressing, enter simple logic and download.</b>
<i>Thursday</i> <b>25 May</b>	<b>Additional logic Instructions and modify ladder logic</b>
<i>Friday</i> <b>26 May</b>	<b>Timers Instructions and Counters Instructions</b>
<i>Monday</i> <b>29 May</b>	<b>Memorial Day (School is closed)</b>
<i>Tuesday</i> <b>30 May</b>	<b>Comparison &amp; Math Instructions, plus additional practical applications</b>
<i>Wednesday</i> <b>31 May</b>	<b>Review previous material, catch-up on Challenges</b>
<i>Thursday</i> <b>1 June</b>	<b>Final</b>
<i>Friday</i> <b>2 June</b>	<b>Finish Final</b>

**Letter Grades: A = 100-93 $\geq$  B = <93-85 $\geq$  C = <85-75 $\geq$  D = <75-68 $\geq$  F = <68**

**Syllabi is subject to change without notice**

**DON'T FORGET A PARKING PERMIT (none needed at OMIC)**

**If you have a disability and need accommodations, please make arrangements to meet with me outside of class. PCC students requesting accommodations must provide documentation of disability and work with The Office of Students With Disabilities (OSD) by calling 971-722-4341.**

[www.pcc.edu](http://www.pcc.edu)

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