

# CERTIFICATE IN PROGRAMMABLE LOGIC CONTROLLERS

COURSE	TITLE	S.H.
YSU 1500	Success Seminar	1-2
or YSU 1500S	Youngstown State University Success Seminar	
or HONR 1500	Intro to Honors	
ENGL 1550	Writing 1	3-4
or ENGL 1549	Writing 1 with Support	
MATH 1510	College Algebra	4-6
or MATH 1510C	College Algebra with Co-requisite Support	
MATH 1511	Trigonometry	3-4
or MATH 1511C	Trigonometry with Co-requisite Support	
EET 1501	Circuit Theory 1	3
EET 1501L	Circuit Theory 1 Lab	1
EET 2620	Digital Electronics	2
EET 2620L	Digital Electronics Lab	1
EET 1502	Circuit Theory 2	3
EET 1502L	Circuit Theory 2 Lab	1
EET 1504	AC/DC Machinery	3
EET 2605	Electronics 1	3
EET 2605L	Electronics 1 Laboratory	1
EET 2608	Industrial Controls	3
EET 3712	Programmable Logic Controllers	3
PHYS 1501	Fundamentals of Physics 1	4
PHYS 1501L	Fundamentals of Physics Laboratory 1	1
<b>Total Semester Hours</b>		<b>40-45</b>