



Industrial
Maintenance/
Machine
Technology
Certificate-
A or B

This degree map provides a guide to completing a certificate program or degree at Independence Community College. Completion is subject to prerequisite requirements and availability of the programs/courses.

First Semester	Credits	SGE	Completed
Contemporary Math (MAT 1123) *	3		
OHSA 10 (IND 1031)	1		
Shop Operations (IND 1022)	2		
Electro-Mechanical Print Reading (IND 1103)	3		
Basic Electricity (IND 1123)	3		
Employability Skills (BUS 1062)	2		
Semester Total	14		

Second Semester	Credits	SGE	Completed
AC/DC Circuits (IND 1134)	4		
Mechanical Systems (IND 1143)	3		
Mechanical Systems Reliability (IND 1153)	3		
Fluid Power I (IND 1162)	2		
Intro to Welding (IND 1163)	3		
Semester Total	15		
Certificate A Total	29		

Third Semester	Credits	SGE	Completed
Programmable Logic Controllers (IND 1173)	3		
Programmable Logic Controllers Troubleshooting (IND 1182)	2		
Fluid Power II (IND 1192)	2		
Motor Controls I (IND 1113)	3		
Intro to Conveyor Systems (IND1123)	3		
Semester Total	15		
Certificate B Total	42		

*Students placing into co-requisite course will also enroll in 2 credit hour supplemental course

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