



Engineering/Manufacturing & Industrial Technology Pathway

Industrial Maintenance Mechanic Certificate

Minimum credits: 40
Minimum cumulative GPA: 2.0
Minimum JCC credits: 12
MACRAO agreement: No

REQUIRED COURSES

RTI 147	Basic Electrical Math	.2
RTI 070	Basic Industrial Electricity	.2
RTI 018	Industrial Print Reading	.2
RTI 036	Drive Components and Bearings	.2
RIT 163	Hydraulics/Pneumatics	.2
RTI 148	Electrical Math I	.2
RTI 151	Commercial Wiring	.2
RTI 149	Electrical Math II	.2
RTI 152	Industrial Wiring	.2
RIT 215	Electrical Troubleshooting	.2
RTI 081	Welding I	.4
RTI 346	Electrical Motors and Controls	.4
RTI 038	Pumps	.2
RTI 082	Welding II	.4
RTI 261	Maintenance Troubleshooting	.2
or		
RTI 260	Industrial Physics	.2
RTI 096	Lubricants and Coolants	.2
RIT 080	Metallurgy & Heat Treatment	.2

ADDITIONAL REQUIREMENTS

EMS 110	CPR & First Aid	.2
	or current Adult CPR & First Aid Certification	