

Industrial Maintenance Certificate

(Code 918)

GRCC Program:

The Industrial Maintenance certificate program is designed to give a student the basic skills required of a maintenance technician. All classes in the program are articulated into the Industrial Maintenance Technology associate's degree program.

Students entering this program should meet the college's minimum entrance requirements in Reading, Mathematics and English.

First Year

First Semester (Suggested Sequence)	Credits
EL 144 Basic Electricity and Electronics	(4/6)
MN 116 Basic Welding	(2/4)
MN 199 Theory of Machine Operations	(3/4)
MN 113 Mechanical Power Transmission	(2/2.25)
EL 132 Electronics Mathematics	OR (4/4)
MA 107 Inter. Algebra or Higher Math	OR (4/4)
TE 103 Inter. Technical Mathematics	OR (4/4)

Total Credits 15 Minimum

Second Semester (Suggested Sequence)

EL 162 Control Systems	(2/3)
EL 163 Electrical Troubleshooting	(2/2)
EL 164 Programmable Logic Controllers	(2/3)
MN 218 Pneumatics	(3/4)
Technical Elective	(6/12)

Total Credits 15 Minimum

Total Credits: 30 Minimum