

# PROGRAM OF STUDY

## Maintenance Mechanic Certificate of Achievement

To prepare students for basic skills needed for entrance into the maintenance mechanic work force with emphasis on hydraulics, electricity, blueprint reading, metals, welding, and machine shop. Upon completion of the program students can compete for entry-level positions as maintenance mechanic and related positions.

<b>Required Courses 29 units</b>		<b>Units</b>
MFGT19V	Cooperative Work Experience - Manufacturing Technology	1
MFGT21	Blueprint Reading	2
MFGT22	Industrial Materials	2
MFGT23	Electricity	2
MFGT24	Hydraulics	2
MFGT60	Introduction to Welding	6
MFGT80	Introduction to Machine Shop	6
MFGT91	Motor Control 1	2
MFGT92	Motor Controls 2	2
MFGT93	Programmable Logic Controllers (PLC's)	2
MFGT94	Introduction to Solar Technology	2

<b>Select one group - 5 units</b>		<b>Units</b>
Group 1		
MFGT61	Intermediate Welding	4
MFGT62	Advanced Welding	4
MFGT63	Welding Certification	1
Group 2		
MFGT81	Intermediate Machine Shop	4
MFGT82	Advanced Machine Shop	4
MFGT83	Machining Certification	1

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<b>Total Units</b>	<b>34</b>
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Effective Term: Fall 2012

PID 303