



# MANUFACTURING MANUFACTURING MAINTENANCE MECHANIC 2017-2018

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Date: \_\_\_\_\_

Complete the following program of study:

<b>Certificate of Achievement</b>  <b>(R.8391.CA)</b>  <b>Major requirements (36-37 units minimum)</b>  <b>A grade of "C" or better is required in the following courses:</b>	units	completed	in progress	planned
MFGT 19V – Cooperative Work Experience – Manufacturing Technology	1			
Select 4-5 units from the following: MFGT 51 – Manufacturing Essentials (5) <b>or</b> MFGT 21 – Blueprint Reading (2) (Fall) <b>and</b> MFGT 22 – Industrial Materials (2) (Fall)	4-5			
MFGT 23 – Electricity (Spring)	2			
MFGT 24 – Hydraulics (Spring)	2			
MFGT 60 – Introduction to Welding (Fall)	5			
MFGT 80 – Introduction to Machine Shop (Fall)	5			
MFGT 91 – Motor Control 1 (Fall)	2			
MFGT 92 – Motor Controls 2 (Fall)	2			
MFGT 93 – Programmable Logic Controllers (PLCs) (Spring)	2			
MFGT 94 – Introduction to Solar Technology (Spring)	2			
Select one group – 9 units (units in parenthesis) <b>Group 1</b> MFGT 61 – Intermediate Welding (4) (Spring) MFGT 62 – Advanced Welding (4) (Spring) MFGT 63 – Welding Certification Preparation (1) (Spring) <b>Group 2</b> MFGT 81 – Intermediate Machine Shop (4) (Spring) MFGT 82 – Advanced Machine Shop (4) (Spring) MFGT 83 – Machine Shop Certification Preparation (1) (Spring)	9			

Note:

- Industrial Technology 205 is a prerequisite for MFGT 21, 22, 23, 24, 60, and 80.
- Courses marked (Fall) and (Spring) are usually only offered that semester.

Faculty Advisor: Mr. Robert Fransen (Reedley) and Mr. David Tikkanen (Reedley)