



# Fresno City College

MANUFACTURING TECHNICIAN  
2018-2019

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

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

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

Advisor Contact: \_\_\_\_\_

**Major Requirements: 12 units**

**A grade of "C" or better is required in the following courses**

CERTIFICATE (F.8061.CN)	C-ID	Units	Completed	In Progress	Planned
+AC 353, Principles of Industrial Refrigeration		0			
EST 50, Introduction to Electronic		3			
EST 55A, Digital Concepts		3			
EST 58, Programmable Logic Controllers		3			
EST 59, Instrumentation Systems		3			
*MMCTC 370, Fundamental of Welding and Machine Shop		0			
*MMCTC 371, Fundamental of Hydraulic and Pneumatics		0			
*MMCTC 372, Electrical Fundamentals		0			
<b>+ 52 hours</b>					
<b>*300 hours</b>					

## Notes:

1. This curriculum provides training in maintenance mechanic, electrical control systems, and principles of industrial refrigeration (ammonia) systems.
2. The *Certificate* will be awarded upon completion of the combined courses listed below for each area of specialization, with a 2.0 or better GPA. Certificates do not appear on transcripts.