

Certificate: Industrial Manufacturing Technician Apprentice 24-25



ABOUT THIS CERTIFICATE

Entry Level Industrial manufacturing technicians operate industrial production related equipment, work with manufacturing related tools, and perform work processes related to a wide variety of

manufacturing settings. Industrial manufacturing technician apprentices will learn to set up, operate, monitor, and control production equipment. They will also help improve manufacturing processes and schedules to meet customer requirements. This apprenticeship training program combines on-the-job learning with related instruction in a classroom to prepare apprentices for journey level work after they complete the program. For more information, visit the [Career and Technical Education](#) division.

TO EARN A Certificate A STUDENT MUST COMPLETE THE FOLLOWING:

- [1] Completion of Major & Program Electives Courses
- [2] Minimum grade point average of 2.0
- [3] A C or better in all courses required for the major

Residency: Minimum of 12 units completed at AVC with a minimum of 9 of those units completed from the certificate/major. (credit earned by examination will not be included in these 12 units) Title 5, Section 54000: <http://ccr.oal.ca.gov>.

RECOMMENDED PATHWAY Certificate- Industrial Manufacturing Technician Apprentice

The Recommended Plan of Study is determined by the discipline faculty.

- Take classes in **Summer** or **Intersession** if needed to complete your degree in a timely manner
- Fall/Spring: Max 19 units, 12-15 units Recommended.
- This is a certificate only program, currently no associated degree offered.

TERM 1	
Course	Units
IMTA 110	6
IMTA 112	2
Total Units	8

TERM 2	
Course	Units
IMTA 210	6
IMTA 212	2
IMTA 255	0.5
Total Units	8.5

Certificate- Industrial Manufacturing Technician Apprentice [Total Units 16.5]

Required Courses (16.5 units)	
IMTA110 - Industrial Manufacturing Technician Apprentice 1	6
IMTA210 - Industrial Manufacturing Technician Apprentice 2	6
IMTA112 - Mathematics for the Machine Trades	2
IMTA212 - Communications for Apprentices [420-712]	2
IMTA255 - Transition to Trainer: Your role as a Journey Worker [455-455]	0.5

COUNSELING NOTE SECTION		
<p>Prerequisite: If a course is listed as a prerequisite for another course, that prerequisite course must be completed with a satisfactory grade to enroll in the next course. A satisfactory grade is a grade of "A," "B," "C" or "P". Students who enroll in classes for which they do not meet the prerequisites will be involuntarily dropped. Students will be notified of this involuntary drop. Title 5, Section 55200(d)</p>		
<p>AVC 24-25 CATALOG: ACADEMIC POLICIES</p>		
<p>INFORMATION and RESOURCES</p>		
<p>Tutoring Assistance</p> <p>Transfer Center</p> <p>Basic Needs</p>	<p>Career Center</p> <p>Office of Students with Disabilities</p> <p>Financial Aid</p>	<p>AVC Student Health Services</p> <p>Palmdale Center</p> <p>Counseling Division</p>