



Industrial Manufacturing Technician Apprentice Certificate 25-26

RECOMMENDED PATHWAY

Industrial Manufacturing Technician Apprentice Certificate



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>.

Certificate- Industrial Manufacturing Technician Apprentice [Total Units Required in the Major 16.5]

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

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 | Summer: Max 9 units | Intersession: Max 6 units

☒ Major

SEMESTER 1

Course	Units
<input checked="" type="checkbox"/> IMTA 110	6
<input checked="" type="checkbox"/> IMTA 112	2
Total Units	8

SEMESTER 2

Course	Units
<input checked="" type="checkbox"/> IMTA 210	6
<input checked="" type="checkbox"/> IMTA 212	2
<input checked="" type="checkbox"/> IMTA 255	0.5
Total Units	8.5

COUNSELING NOTE SECTION

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)

Application for Graduation:

Antelope Valley College awards degrees three times annually following the Fall, Spring, and summer semesters. Students must apply for graduation to earn their degree or certificate. **Applications are due by September 6 for spring/summer graduates and by February 14 for fall graduates.**

AVC 25-26 CATALOG: [ACADEMIC POLICIES](#)

INFORMATION and RESOURCES

Tutoring Assistance
Transfer Center
Basic Needs

Career Center
Office of Students with Disabilities
Financial Aid

AVC Student Health Services
Palmdale Center
Counseling Division