

26-27 Cert. Industrial Manufacturing Technician Apprentice (IMTA)



ABOUT THIS MAJOR

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 on Aircraft Fabrication and Assembly, visit the [Aerospace, Industrial Arts and Applied Technologies \(CTE\)](#) division.

TO EARN A DEGREE 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

Cert - Industrial Manufacturing Technician Apprentice (IMTA)

[Total Units Required in the major 16.5]

Required Courses, complete ALL courses (total 26 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
Prerequisite: Completion of IMTA 110	
IMTA255 - Transition to Trainer: Your role as a Journey Worker [455-455]	0.5

RECOMMENDED PATHWAY

Cert. Industrial Manufacturing Technician Apprentice

The Recommended Plan of Study is determined by the discipline faculty. Take classes in **Summer** or **Interession** if needed to complete your degree in a timely manner!

Fall/Spring: Max 19 units | Summer: Max 9 units | Interession: Max 6 units

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

SEMESTER 1	
Course	Units
IMTA 210	6
IMTA 212	2
IMTA 255	0.5
Total Units	8.5

TOTAL DEGREE UNITS	16.5
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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 26-27 CATALOG: [ACADEMIC POLICIES](#)

INFORMATION and RESOURCES

Tutoring Assistance
Transfer Center

Career Center
Office of Students with Disabilities

AVC Student Health Services
Palmdale Center

Basic Needs

Financial Aid

Counseling Division