

# Certificate: Computer Aided Manufacturing 24-25



## ABOUT THIS MAJOR

The certificate program includes coursework to help prepare students for CAM use in the industry. Students who complete this program will have the necessary skills to be employed by industry and in a variety of positions. Current engineers will find the program helpful for developing design intent. Technicians will use this program to become a proficient CAM technician to couple with CNC machines. For more information, visit the [Career and Technical Education](#) division.

**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>.

### 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

### Certificate- Computer Aided Manufacturing [Total Units 6]

Required Courses (6 units)	
AM145 - Introduction to CAM I	3
AM245 - Introduction to CAM II	3

## RECOMMENDED PATHWAY Certificate- Computer Aided Manufacturing

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
- **[#]** recommended courses may select other options.
- Fall/Spring: Max 19 units, 12-15 units Recommended.
- This is a certificate only program, currently no associated degree offered.

TERM 1	
Course	Units
AM145	3
<b>Total Units</b>	<b>3</b>

TERM 2	
Course	Units
AM245	3
<b>Total Units</b>	<b>3</b>

### 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)

AVC 24-25 CATALOG: [ACADEMIC POLICIES](#)

#### INFORMATION and RESOURCES

<a href="#">Tutoring Assistance</a>	<a href="#">Career Center</a>	<a href="#">AVC Student Health Services</a>
<a href="#">Transfer Center</a>	<a href="#">Office of Students with Disabilities</a>	<a href="#">Palmdale Center</a>
<a href="#">Basic Needs</a>	<a href="#">Financial Aid</a>	<a href="#">Counseling Division</a>