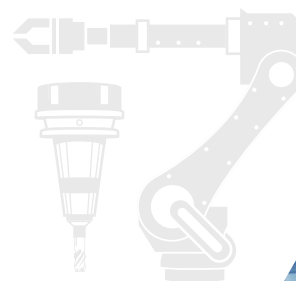


ONE YEAR TO CAREER ADVANCED MANUFACTURING FIND YOUR PATH.



PROGRAM DESCRIPTION

The Advanced Manufacturing Program offers the opportunity for students to excel by providing the latest information and technology in both the lecture and laboratory settings. The Advanced Manufacturing program has included the most modern software and hardware to provide a good environment for learning. The inclusion of additive manufacturing, laser technology, 3-5 axis CNC milling, CNC Turning, CMM inspection, CAD/CAM fundamentals, and continued use of general manufacturing processes gives the students access to industrial tools and technologies found in industry. A comprehensive set of undergraduate courses are offered for students interested in working toward the completion of a COA in CNC Machine Operation, COA in CNC Machinist, as well as the A.S. in Advanced Manufacturing, and general interest courses for students looking for skill improvement and employment in local industry.



APPLY NOW:

www.venturacollege.edu/apply-and-enroll/apply-for-admission

REGISTER FOR COURSES:

www.venturacollege.edu/apply-and-enroll/registration



Faculty Lead: John Clark

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jclark1@vcccd.edu

www.venturacollege.edu/manufacturing-technology



RECOMMENDED SCHEDULE

**It is recommended that students who are new to the field of manufacturing complete MT V02 prior to starting course work.*

CNC OPERATOR	(Fall Courses)	UNITS
DRFT V02A	Blueprint Reading: Manufacturing	3
DRFT V04/MT V04	Measurements & Computations	3
*MT V05	CNC 1	2
MT V08	CNC Programming	3
MT V10	Quality Control & Inspection	2
MT V15	Manufacturing Processes & Materials	3
* MT V02 & MT V05 also offered in Spring		TOTAL 16

CNC MACHINIST	(Spring Courses)	UNITS
MT V06	Intermediate CNC 2	2
MT V07	Advanced CNC 3	2
MT V18	Capstone Project	2
MT V35	Production Machining	3
MT V50	CAD/CAM	3
		TOTAL 12

Award Title	Type	GE Units	Required Major Units
CNC Machine Operator	CoA		16
CNC Machinist	CoA		12
Major Units			22-24
CSU General Education or IGETC-CSU Pattern			37-39
Electives (CSU transferable units to reach 60)			10-15
Double-Counted Units			13-16
*At least 60 degree-applicable units are required to earn A.S. Degree			



WORK-BASED EXPERIENCES

Ventura College offers students the opportunity to apply their skills while still in college, gain on-the-job experience, and "try out" a career before graduation through internships or work-based learning experiences.

Courses are \$46 per unit.

Ventura College participates in an array of federal and state financial aid programs including the Ventura College (VC) Promise, grants, loans and work-study. Contact the Financial Aid Office at (805) 289-6369 or vcfinancialaid@vcccd.edu.

The Ventura College Foundation provides additional scholarships and textbook lending support. Contact the Ventura College Foundation at (805) 289-6461 or vcfoundation@vcccd.edu / vcgiving.org for more information.