



**ADVANCED
MANUFACTURING
INSTITUTE
SAN DIEGO**

Powered by the Grande Foundation
Est. 2014

MANUFACTURING ACADEMY

Computer Numerical Control (CNC) Machine

FREE Job Training Program

AMI-SD's **Manufacturing Academy** is a FREE 17-week job-readiness training program for San Diego County residents seeking to develop the skills and technical competencies needed for immediate entry-level employment in CNC Machine occupations within the region's advanced manufacturing sector.

Upcoming Schedule (2026-2027)

Cohort #17: Feb. 16, 2026 - Jun.12, 2026

Cohort #18: Jun. 15, 2026 – Oct. 9, 2026

Cohort #19: Oct. 12, 2026 – Feb. 5, 2027

Cohort #20: Feb. 8, 2027 – Jun. 5, 2027

Cohort #21: Jun. 8, 2027 – Oct. 2, 2027

FOR MORE INFO

Scan the QR code or email us:

Info@AdvancedMfgInstituteSD.com



Careers:

CNC Machine Operators

Machinists

Quality Control Inspectors

Program Details:

17 weeks (~340 hours)

Monday – Friday from 8:00 am – 12:00 pm

Hands-on training & classroom instruction

Job placement assistance & employer intros

Curriculum:

Shop Theory, Quality Clinic, Metrology, Math, Blueprints, Inspection, CAD-CAM, CNC Machining, Shop Safety, Non-Destructive Testing (NDT)

Credentials

Certificate of Achievement

Lean Six Sigma Green Belt

NDT Educational Overview Certificate

Eligibility & Requirements:

Must be 18 years of age or older

Have a high school diploma or GED

Must be a U.S. Citizen & SD County Resident

Demonstrate basic computer & mechanical skills

Demonstrate physical ability for safety standards

Record of Success:

17+ cohorts administered

300+ enrolled participants

90% job placement rate



ABOUT

AMI-SD is a 501(c)(3) nonprofit focused on supporting the Advanced Manufacturing and Defense industries' workforce development. We provide accelerated training for entry-level and middle-skilled positions in CNC machine-related occupations, including **CNC Operators**, **Machinists**, and **Quality Assurance Inspectors**. Since 2014, we have created a skilled, diverse talent pipeline that benefits the region and strengthens the community.

WHY THIS MATTERS

We help address two critical issues in San Diego County:

1. The skilled labor shortage that exists in the region's vital advanced manufacturing sector
2. Improving equitable access (for all) to the high-paying, middle-skill precision-machine occupations that are in demand and readily available in the regions.

CNC MACHINE & ADVANCED MANUFACTURING OCCUPATIONS

Experience	Occupations	Relevant Tasks
Entry-level	Machine Operators & Quality Control Inspectors	Handle equipment, assemble products, and verify quality standards.
Middle-skilled	CNC Operators & Lathe/Mill Machine Operators	Undergone technical training to run specialized machinery.
Advanced	CNC Programmers & Machinists	Precision machines, programming, and fabrication with complex processes.

ANNUAL REACH & POPULATIONS SERVED

We assist over 40 individuals and conduct 2-3 cohorts each year. Since our establishment in 2014, we have supported more than 300 individuals across 17 cohorts, achieving a 90% job placement rate for our program graduates.

Our programs and services are designed for those who are unemployed, underemployed, or career-shifting, and are offered at no cost to participants. We provide rapid, high-impact training and job placement assistance to residents of San Diego, equipping them with the technical and professional skills needed to pursue careers in advanced manufacturing. Graduates of our programs earn competitive, livable wages and contribute to economic growth.

PARTNERS & COLLABORATION

We collaborate with workforce agencies, education, community-based organizations, and employers to leverage resources and enhance support for participants. Our partnerships help attract a diverse range of people and ensure that training aligns with industry needs, enabling businesses to fill critical skill gaps and remain competitive.



LEARN MORE

Scan the QR code to visit our website, or email us at:
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