



**ADVANCED
MANUFACTURING
INSTITUTE**
SAN DIEGO

Powered by the Grande Foundation
Est. 2014

MANUFACTURING ACADEMY

Free Training & Job Placement Assistance

Precision Machining & Advanced Manufacturing

AMI-SD's **Manufacturing Academy** is a tuition-free, intensive job-readiness training program for San Diego County residents seeking to develop the skills and technical competencies needed for immediate entry-level employment in precision machining 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



Learn More

Scan the QR code or email us at:
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)

Earn Certificates

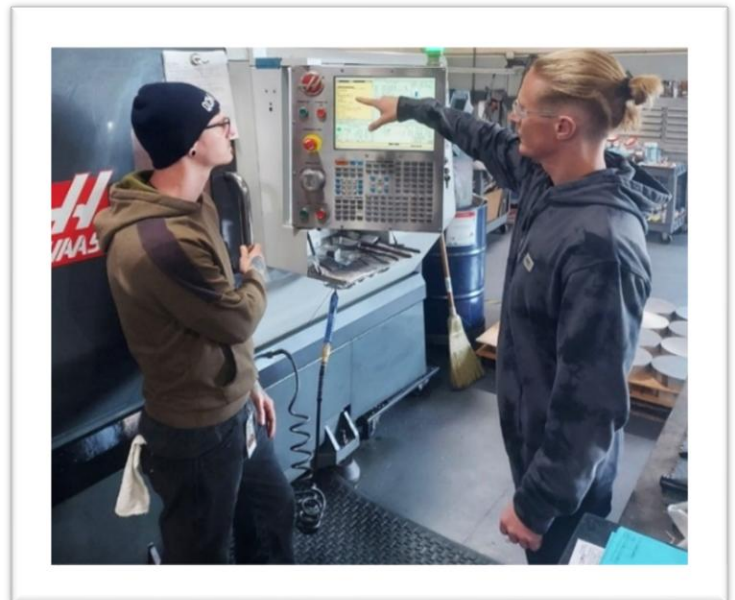
Certificate of Achievement
Lean Six Sigma Green Belt
NDT Educational Overview Certificate

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 organization dedicated to sustaining the region's critical Advanced Manufacturing industry and helping address its workforce needs. We offer accelerated occupational skills training that prepares individuals for immediate employment as entry-level and middle-skilled precision machining positions, such as **CNC Machine Operators**, **Machinists**, and **Quality Control Inspectors**. Since 2014, we've made a significant impact by building a skilled, diverse talent pipeline that benefits the region and strengthens the community.

PROGRAMS & SERVICES

For individuals who are unemployed, underemployed, and career-shifting, all at no cost to participants. We offer rapid, high-impact direct training and job placement assistance to San Diegans, designed to equip them with technical and professional skills to launch advanced manufacturing careers. Graduates of our programs earn competitive, livable wages and contribute to economic growth.

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.

PRECISION MACHINING & ADVANCED MANUFACTURING OCCUPATIONS

<i>Experience</i>	<i>Occupations</i>	<i>Relevant Tasks</i>
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

We serve **40+ individuals** and **administer 2-3 cohorts annually**. Since our inception in 2014, we have served more than **300 individuals across 17 cohorts, achieving a 90% job placement rate** for our program graduates.

PARTNERS & COLLABORATION:

We collaborate with workforce agencies, educational institutions, 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

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