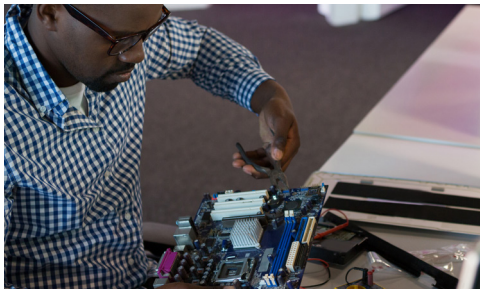
ADVANCED MANUFACTURING

San Diego County

DID YOU KNOW?

San Diego County's Advanced Manufacturing sector includes aerospace, maritime, clean technology, biomedical devices and products, pharmaceuticals, sporting goods, beverage and precision manufacturing.



ARE YOU INTERESTED IN...?

- Working with your mind and hands to bring product designs to life
- Using STEM skills to build innovative products and find solutions to complicated technological problems
- Learning practical skills that are in demand no matter where you live
- Gaining firsthand experience in new and smart manufacturing technologies
- Applying scientific and technical principles to optimize manufacturing technologies, processes and systems

DO YOU...?

- Like to work collaboratively in a fast-paced environment
- Have complex problem-solving skills
- Have innovative ideas
- Analyze and think critically
- Have a strong work ethic
- Like interesting and challenging work

1% (654)

5-year projected job growth

$96,114

average earnings per job

Sample of Local Employers

Cobham Advanced Electronic Solutions

Cymer Incorporated

General Atomics

GKN Aerospace

Northrop Grumman

Teledyne Technologies

Raytheon Technologies Corporation

**Labor market data derived from EMSI 2020.02; QCEW, Non-QCEW, Self-Employed; 2019-2024 projections.*

CAREER PATHWAYS & SALARY INFO

Minimum Education	*Career Pathways*	*Hourly Rate (Salary)**
HS Diploma + Postsecondary Training (e.g., Certificate)	Maintenance and Repair Workers, General	***$16*** *($33K)*
	Computer-Controlled Machine Tool Operators, Metal and Plastic	***$16*** *($33K)*
	Machinists	***$16*** *($33K)*
	Industrial Machinery Mechanics	***$23*** *($48K)*
	Structural Iron and Steel Workers	***$23*** *($48K)*
Associate Degree or Higher	Civil Engineering Technicians	***$18*** *($37K)*
	Mechanical Drafters	***$25*** *($52K)*
	Computer Network Support Specialists	***$24*** *($50K)*
	Electrical and Electronics Engineering Technicians	***$26*** *($54K)*

**Entry-level hourly rates have been rounded up and salaries are provided as examples of what workers would make if they worked full-time (2080 hours a year)*

NOT SURE WHAT YOU'RE INTERESTED IN?

Take the Interest Profiler on the California Career Zone (careerzone.org)! It will help you explore occupations based on your interests. A career counselor at your school can help you further assess your career interests.

HOW TO FIND OUT MORE ABOUT CAREERS

- Talk to your teachers and counselors about doing career exploration, about career pathways at your school, and about community college programs and tours
- Talk to family, neighbors, and mentors about their education path and about how they chose their career
- To learn about career paths in any industry and the community colleges that offer these programs, visit CareerEd.org

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POWERED BY California Community Colleges

Visit CareerEd.org to find community college programs in Advanced Manufacturing.