

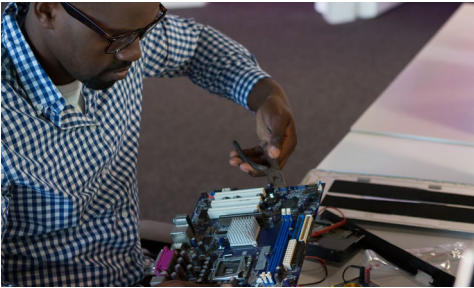
ADVANCED MANUFACTURING

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.



1% (654)

5-year projected
job growth



\$96,114

average earnings
per job

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



Sample of Local Employers

Cobham Advanced
Electronic Solutions

Cymer Incorporated

General Atomics

GKN Aerospace

Northrop Grumman

Teledyne
Technologies

Raytheon
Technologies
Corporation



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 (cacareerzone.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



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