

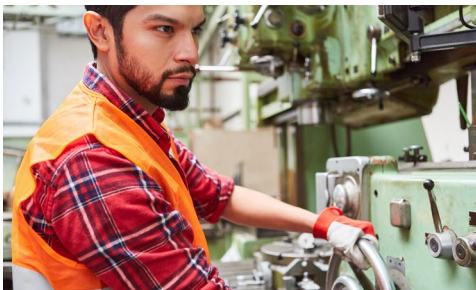
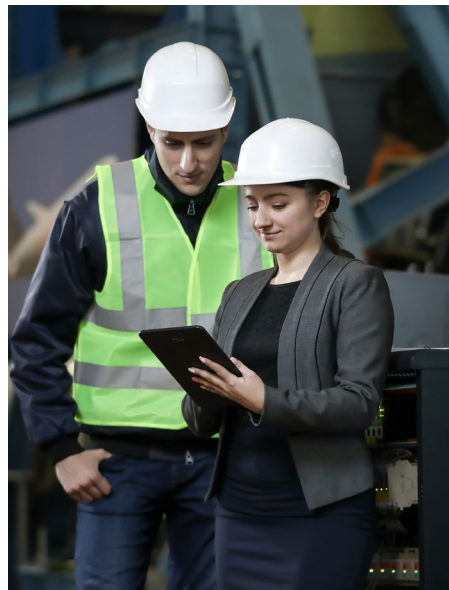
ADVANCED MANUFACTURING

Imperial County 2022



DID YOU KNOW?

The Advanced Manufacturing sector includes aerospace, maritime, clean technology, biomedical devices and products, pharmaceuticals, sporting goods, beverage, and precision manufacturing.



18% (381)

5-year projected
job growth



\$60,667

average earnings
per job



Sample of Local Employers

Empire Cat

United States
Gypsum (USG)
Corporation

Helena Chemical
Company

Coca-Cola
Bottling Co.

Spreckels Sugar Co

Rogar Manufacturing

Imperial Pre-Mix Co

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



CAREER PATHWAYS & SALARY INFO

Minimum Education	Career Pathways	Hourly Rate (Salary)*
HS Diploma + Postsecondary Training (e.g., Certificate)	Maintenance and Repair Workers, General	\$14 (\$29K)
	Mixing and Blending Machine Setters, Operators, and Tenders	\$14 (\$29K)
	Machinists	\$15 (\$31K)
	Industrial Machinery Mechanics	\$21 (\$44K)
	Sheet Metal Workers	\$21 (\$44K)
Associate Degree or Higher	Electrical and Electronic Engineering Technologists and Technicians	\$25 (\$52K)
	Calibration Technologists and Technicians and Engineering Technologists and Technicians	\$29 (\$60K)
	Engineers, All Other	\$44 (\$92K)
	Mechanical Engineers	\$52 (\$108K)

*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 (<https://www.cacareerzone.org/ip/>)! It will help you explore goals 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 career exploration, career pathways at your school, and community college career education programs.
- Talk to family, neighbors, and mentors about their education path and about how they chose their career.
- To find the programs at the community colleges that align to the high school CTE pathways, visit <https://programfinder.com/>.
- To learn about the career education programs offered at the community colleges, visit <https://careered.org/college-program-finder/>.



Visit [CareerEd.org](https://www.careered.org) to find community college programs in Advanced Manufacturing.