

ENERGY, CONSTRUCTION, & UTILITIES

Imperial County



DID YOU KNOW?

Programs in this sector train students in architecture, engineering, electrical, mechanical, and construction roles. The majority of “clean energy” companies in San Diego and Imperial Counties specialize in energy efficiency for buildings and renewable energies such as solar power.



ESSENTIAL SKILLS:

- Inspecting and repairing machines and equipment
- Monitoring processes and operations
- Active listening
- Speaking, writing skills
- Working with others
- Organizing, planning, and prioritizing work
- Working with technology
- Using math to solve problems
- Critical thinking
- Working with your hands
- Working outdoors
- Using hand and power tools
- Detail oriented
- Management skills

SPECIALIZATIONS:

- Carpenters
- Plumbers
- Roofers
- Solar Installers



11% (426)

5-year projected job growth



\$75,031

average earnings per job



Sample of Local Employers

Clean Rite Drain & Plumbing Service

Controlled Thermal Resources Holdings, Inc.

EnergySource LLC

Erickson Hall Construction Company

Granite Construction Company

Imperial Irrigation District (IID)

MidAmerican Renewables

Ormat Technologies, Inc.

Rain for Rent®



CAREER PATHWAYS & SALARY INFO

Minimum Education	Career Pathways	Hourly Rate (Salary)*
HS Diploma + Postsecondary Training (e.g., Certificate)	Carpenters	\$17 (\$35K)
	Glaziers	\$19 (\$40K)
	Electricians	\$21 (\$44K)
	Construction and Building Inspectors	\$24 (\$50K)
	Reinforcing Iron and Rebar Workers	\$25 (\$52K)
	Power Plant Operators	\$36 (\$75K)
	Pile Driver Operators	\$38 (\$79K)
Associate Degree or Higher	Construction Managers	\$18 (\$37K)
	Electrical and Electronic Engineering Technologists and Technicians	\$27 (\$56K)
	Architectural and Engineering Managers	\$50 (\$104K)

*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/>)! 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 learn more about the career education programs offered at the community colleges or to find the programs that align to the high school CTE pathways or adult schools, visit <https://careered.org/k14-program-finder/>.



Visit [CareerEd.org](https://www.careered.org) to find community college programs in Energy, Construction, & Utilities.