

ADVANCED TRANSPORTATION & LOGISTICS

San Diego County 2022



DID YOU KNOW?

The advanced transportation sector is going through major disruption from the transition to zero-emission vehicles, autonomous transportation, and the development of smart cities and connected vehicles. This transition to a more advanced transportation system is progressing rapidly, creating new careers, and requiring a more technology-savvy workforce.



2% (1,292)

5-year projected
job growth



\$65,649

average earnings
per job



**Sample of Local
Employers**

Amazon

BEA Systems

DJO Global

General Dynamics
NASSCO

Globe Trade Services

Grupo Logistics

Northrup Grumman

Port of San Diego

San Diego
Metropolitan Transit
System

Tesla

UTC Aerospace
Systems

WorldTrans

ARE YOU INTERESTED IN...?

- Applying your knowledge of mechanics to maintain machines
- Using the latest technology to identify and solve mechanical problems
- Learning skills that will be in demand no matter where you live
- Finding efficiencies and creating processes

DO YOU...?

- Enjoy travel
- Like to tinker with machines and motors
- Like electronics, computers, and smart technology
- Want to fly planes
- Want to operate drones



CAREER PATHWAYS & SALARY INFO

Minimum Education	Career Pathways	Hourly Rate (Salary)*
HS Diploma + Postsecondary Training (e.g., Certificate)	Automotive Service Technicians and Mechanics	\$15 (\$31K)
	Logistics Coordinators (also known as Cargo and Freight Agents)	\$15 (\$31K)
	Production, Planning, and Expediting Clerks	\$20 (\$42K)
	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	\$21 (\$44K)
	Aircraft Mechanics and Service Technicians	\$29 (\$60K)
Associate Degree or Higher	Mechanical Engineering Technologists and Technicians	\$17 (\$35K)
	Cost Estimators	\$27 (\$56K)
	Electrical and Electronic Engineering Technologists and Technicians	\$28 (\$58K)
	Logisticians	\$31 (\$64K)
	Aerospace Engineers	\$43 (\$89K)

*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 Transportation & Logistics.