



Electronics Technology Technician Occupations in LA & OC

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Los Angeles & Orange Counties

Current and Future Employment

Occupations are expected to grow 1% from 2014 through 2019. In 2014 there were 18,602 jobs related to electronics technology technician occupations. By 2019, these occupations will be 18,839, a growth of 237 jobs.

In 2014, the occupation with the most jobs was computer, automated teller, and office machine repairers, with 6,584 workers. In addition to having the most jobs in 2014, this occupation also has the lowest median hourly earnings of \$18.26.

Among these occupations, *electrical and electronics engineering technicians* and *electrical and electronics repairers, powerhouse, substation, and relay* are expected to experience a decline rate of 2% and 5%, respectively, through 2019.

Despite losing jobs, electrical and electronics repairers, powerhouse, substation, and relay occupations have the highest median hourly earnings in the group, with \$36.01.

Table 1 – Electronics Technology Technician Occupations (by 2014 jobs)

SOC	Description	2014 Jobs	2019 Jobs	5-Year Change	5-Year % Change	Annual Openings	Median Hourly Earnings
49-2011	Computer, Automated Teller, and Office Machine Repairers	6,584	6,861	277	4%	233	\$18.26
17-3023	Electrical and Electronics Engineering Technicians	6,426	6,306	(120)	(2%)	152	\$28.54
17-3029	Engineering Technicians, Except Drafters, All Other	2,849	2,903	54	2%	75	\$30.34
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	1,876	1,918	42	2%	50	\$27.99
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	510	485	(25)	(5%)	10	\$36.01
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	357	366	9	3%	10	\$32.37
Totals		18,602	18,839	237	1%	531	\$25.40

Source: EMSI Employment Data – 2015.2

Job Postings and Skills Required

In 2014, there were a total of 1,720 job postings for electronics technology technician occupations in the Los Angeles and Orange Counties. The majority of these postings were for electrical and electronics engineering technicians (696 job postings), followed by engineering technicians, except drafters, all other (693). Together, these two occupations represented 80% of all electronics technology technician occupations studied here.

Table 2 – Job Postings for Electronics Technology Technician Occupations

SOC Code	Occupation	Job Postings, Full Year 2014
17-3023	Electrical and Electronics Engineering Technicians	696
17-3029	Engineering Technicians, Except Drafters, All Other	693

49-2011	Computer, Automated Teller, and Office Machine Repairers	198
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	87
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	40
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	6
Total Job Postings		1,720

Source: Burning Glass, 2015

Table 3 lists the top 20 skills mentioned in job postings for electronics technology technician occupations. For the calendar year 2014, there were 1,720 job postings listed. The skills most frequently listed in job postings as a requirement were: Repair (473), inspection (319), test equipment (281), schematic diagrams (222), and calibration (197).

Table 3 – Top Skills by Employer Job Postings (n=1,720)

Skills	Number of Job Postings
Repair	473
Inspection	319
Test Equipment	281
Schematic Diagrams	222
Calibration	197
Cleaning	149
Mathematics	140
Oscilloscopes	139
Nondestructive Testing (NDT)	131
Technical Support	107
Soldering	105
Hand Tools	87
Wiring	85
Manufacturing Processes	70
Blueprints	68
Technical Writing / Editing	65
Network Attached Storage (NAS)	64
Good Manufacturing Practices (GMP)	64
Cabling	62
Personal Computers	60

Source: Burning Glass, 2015