

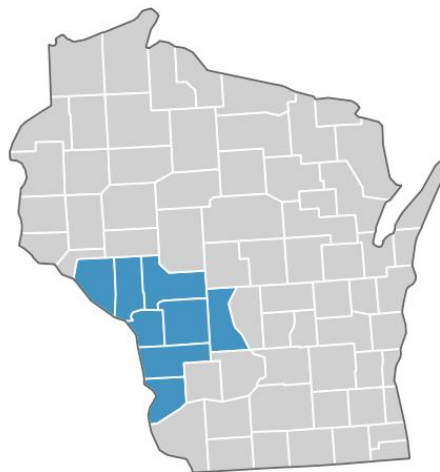
Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Electronic Systems Installation and Maintenance Program Occupation Report

Western Technical College District



Report Info








Dataset Version	2013.4 Class of Worker	
Class of Worker Categories	QCEW Employees + Non-QCEW Employees + Self-Employed	
Timeframe	2014 - 2018	
Region Name	Western Technical College District	
Region Description	Western district counties	
Counties		
Buffalo, WI (55011)	Crawford, WI (55023)	Jackson, WI (55053)
Juneau, WI (55057)	La Crosse, WI (55063)	Monroe, WI (55081)
Trempealeau, WI (55121)	Vernon, WI (55123)	

Occupation Group

Electricians (47-2111)
Computer, Automated Teller, and Office Machine Repairers (49-2011)
Electrical and Electronics Repairers, Commercial and Industrial Equipment (49-2094)
Electronic Home Entertainment Equipment Installers and Repairers (49-2097)
Coil Winders, Tapers, and Finishers (51-2021)
Electrical and Electronic Equipment Assemblers (51-2022)
Electromechanical Equipment Assemblers (51-2023)

Job Distribution

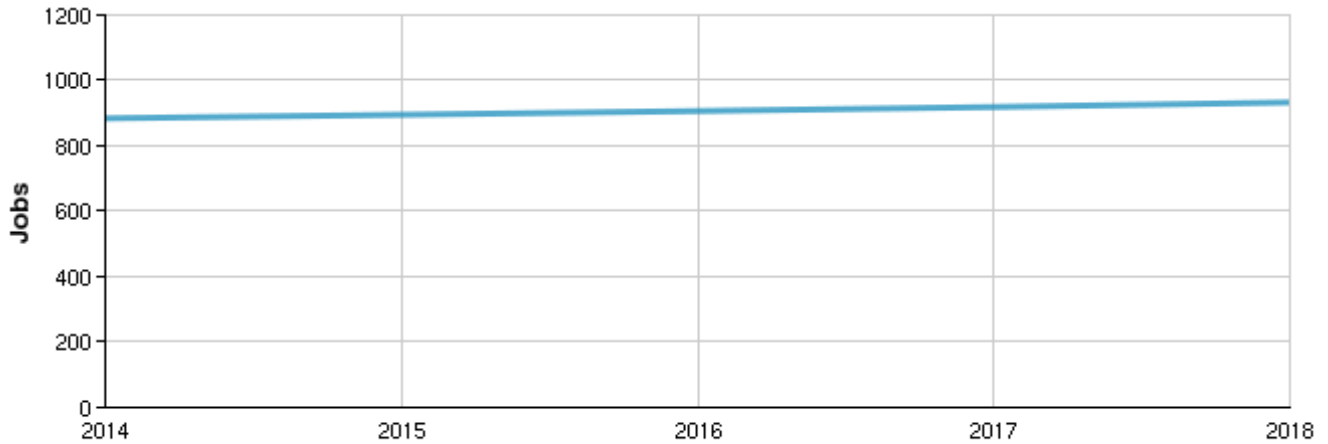
Overview

Annual Openings Estimate (2013)	43
Related Completions (2011)	29
Current Job Postings	N/A for Multiple Codes
Gender	
Male	80% 
Female	20% 
Age	
14-18	0% 
19-24	6% 
25-44	43% 
45-64	48% 
65+	3% 

874 Jobs (2013) National Location Quotient: 0.75	5.5% % Change (2014-2018) Nation: 2.5%	\$18.09/hr Median Earnings Nation: \$20.08/hr
---	---	--

Western Technical College District | Growth

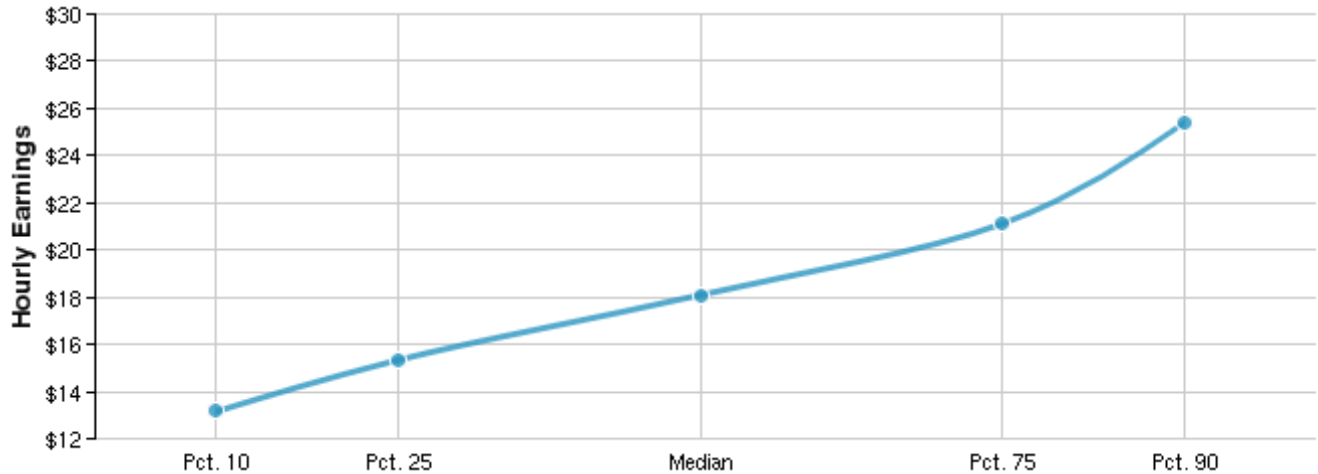
884 2014 Jobs	933 2018 Jobs	49 Change (2014-2018)	5.5% % Change (2014-2018)
-------------------------	-------------------------	---------------------------------	-------------------------------------



Occupation	2014 Jobs	2018 Jobs	Change	% Change
Electronic Home Entertainment Equipment Installers and Repairers (49-2097)	27	29	2	7%
Electromechanical Equipment Assemblers (51-2023)	132	125	-7	-5%
Electricians (47-2111)	425	480	55	13%
Electrical and Electronics Repairers, Commercial and Industrial Equipment (49-2094)	39	41	2	5%
Computer, Automated Teller, and Office Machine Repairers (49-2011)	91	92	1	1%
Coil Winders, Tapers, and Finishers (51-2021)	7	7	0	0%
Electrical and Electronic Equipment Assemblers (51-2022)	163	159	-4	-2%

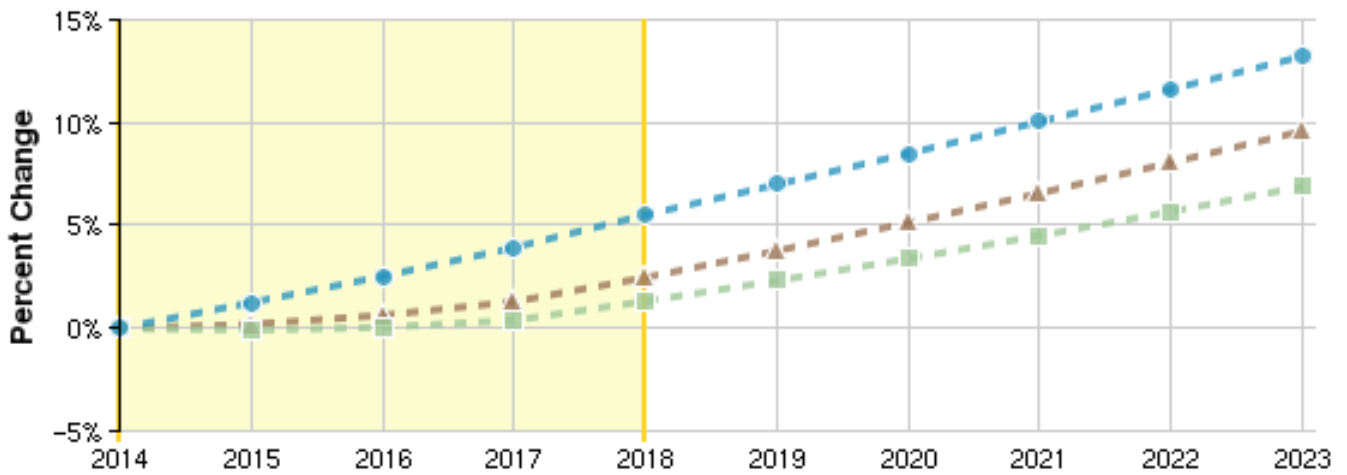
Western Technical College District | Percentile Earnings

\$13.15/hr 10th Percentile Earnings	\$18.09/hr Median Earnings	\$25.38/hr 90th Percentile Earnings
---	--------------------------------------	---



Occupation	10th Percentile Earnings	Median Earnings	90th Percentile Earnings
Electronic Home Entertainment Equipment Installers and Repairers (49-2097)	\$10.80	\$13.36	\$15.94
Electromechanical Equipment Assemblers (51-2023)	\$11.50	\$15.65	\$19.47
Electricians (47-2111)	\$16.13	\$22.44	\$30.78
Electrical and Electronics Repairers, Commercial and Industrial Equipment (49-2094)	\$17.94	\$21.60	\$46.75
Computer, Automated Teller, and Office Machine Repairers (49-2011)	\$10.36	\$15.51	\$22.72
Coil Winders, Tapers, and Finishers (51-2021)	\$7.92	\$10.87	\$14.94
Electrical and Electronic Equipment Assemblers (51-2022)	\$8.22	\$11.08	\$15.28

Regional Trends



Region	2014 Jobs	2018 Jobs	% Change
Western Technical College District	884	933	5.5%
State	26,009	26,351	1.3%
Nation	1,129,231	1,157,077	2.5%

Educational programs

3 Programs (2011)	29 Completions (2011)
-------------------	-----------------------

Program	2008	2009	2010	2011	2012
Electrician (46.0302)	0	2	7	19	5
Electromechanical Technology/Electromechanical Engineering Technology (15.0403)	2	7	9	10	9
Industrial Electronics Technology/Technician (47.0105)	0	0	0	0	24

Inverse Staffing Patterns

Industry	Occupation Group Jobs in Industry (2013)	% of Occupation Group in Industry (2013)	% of Total Jobs in Industry (2013)
Electrical Contractors and Other Wiring Installation Contractors (238210)	220	25.1%	41.8%
Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing (333415)	125	14.3%	6.4%
Motor and Generator Manufacturing (335312)	60	6.8%	22.8%
All Other Miscellaneous General Purpose Machinery Manufacturing (333999)	27	3.1%	3.8%
Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables (334513)	21	2.4%	15.5%

Data Sources and Calculations

State Data Sources

This report uses state data from the following agencies: Wisconsin Department of Workforce Development, Bureau of Workforce Information

Occupation Data

EMSI occupation employment data are based on final EMSI industry data and final EMSI staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level EMSI earnings by industry.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

Industry Data

EMSI industry data have various sources depending on the class of worker. (1) For QCEW Employees, EMSI primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.