

## Labor Market Information

In a separate attachment, provide current Labor Market Information showing that jobs are available for program completers within the local service area. Statewide or national LMI may be included as supplementary support but evidence of need in the specific college service area or region is also necessary.

### APPENDIX C: MULTI-SECTOR OCCUPATIONAL DATA

Exhibit 1C: Multi-sector occupational demand projections

Occupation	2016	2021	5-Yr Change	5-Yr % Change	Annual Openings
Bus and Truck Mechanics and Diesel Engine Specialists	1,409	1,564	155	11%	57
Installation, Maintenance and Repair Workers, All Other	892	937	45	5%	23
Mobile Heavy Equipment Mechanics, Except Engines	577	609	32	6%	21
Security and Fire Alarm Systems Installers	200	231	31	16%	12
Structural Metal Fabricators and Fitters	416	438	22	5%	12
Aircraft Mechanics and Service Technicians	146	159	13	9%	6
Control and Valve Installers and Repairers, Except Mechanical Door	92	101	9	10%	6
Welders, Cutters, Solderers and Brazers	1,730	1,814	84	5%	71
Machinists	924	1,021	97	10%	49
Sheet Metal Workers	535	570	35	7%	19
Telecommunications Line Installers and Repairers	279	336	57	20%	17
Wind Turbine Service Technicians	125	156	31	25%	9
Crane and Tower Operators	142	158	16	11%	9

Exhibit 2C: Multi-sector occupational wages

Occupation	Entry-level Wages	Median Hourly Wages
Bus and Truck Mechanics and Diesel Engine Specialists	\$15.80	\$21.55
Installation, Maintenance and Repair Workers, All Other	\$11.17	\$16.05
Mobile Heavy Equipment Mechanics, Except Engines	\$16.02	\$24.25
Security and Fire Alarm Systems Installers	\$13.37	\$19.32
Structural Metal Fabricators and Fitters	\$14.80	\$20.91
Aircraft Mechanics and Service Technicians	\$15.87	\$25.30
Control and Valve Installers and Repairers, Except Mechanical Door	\$18.54	\$30.56
Welders, Cutters, Solderers and Brazers	\$13.07	\$18.74
Machinists	\$11.98	\$18.89
Sheet Metal Workers	\$13.43	\$20.24
Telecommunications Line Installers and Repairers	\$19.71	\$31.02
Wind Turbine Service Technicians	\$16.37	\$22.14
Crane and Tower Operators	\$17.88	\$34.76

Based on data gathered from California Department of Education Labor Market Info web site (<https://www.labormarketinfo.edd.ca.gov/>) and MPICT labor reports there is a projected growth of +22.3% for the Diesel Engine Technician in the Stockton-Lodi Metropolitan Area by 2024. The message I receive from this data is that the employment of new Diesel Engine Technicians will increase. Therefore, a new program that addresses the needs of the Diesel engine repair and maintenance Industry is needed.

2014-2024 Occupational Employment Projections										
Stockton-Lodi Metropolitan Statistical Area										
Code	Occupation	Est Yr- Proj Yr	Estimated Employment	Projected Employment	Numeric Change	Percent Change	Annual Openings Due to Growth	Annual Openings Due to Separations	Total Annual Openings	Annual Average Percent Change
493000	Vehicle and Mobile Equipment Mechanics, Installers, and Repair	2014-2024	2,740	3,350	610	22.3	61	65	126	2.2
<a href="http://www.labormarketinfo.edd.ca.gov/">http://www.labormarketinfo.edd.ca.gov/</a>										

Projections of Employment by Occupation, 2014 - 2024			
<b>Occupations Matched to Top Code(s):</b>			
094700 Diesel Technology			
094720 Heavy Equipment Maintenance			
<b>Geography:</b> San Joaquin County			
<b>Counties:</b> San Joaquin County			
Annual Job Openings by Occupation			
SOC Code	Occupation Title (Link to Occupation Profile)	2014 Employment	Annual Job Openings <sup>1</sup>
493031	<a href="#">Bus and Truck Mechanics and Diesel Engine Specialists</a>	740	36
	<b>Total</b>	740	36
<b>Table Generated on 9/16/2017 7:53:59 PM</b>			
<sup>1</sup> Total Job Openings are the sum of new jobs from growth plus net replacements. Annual job openings are total job openings divided by the number of years in the projection period.			
<sup>2</sup> This occupation has been suppressed due to confidentiality.			

<b>WAGES</b>									
<b>Geography: Stockton-Lodi MSA</b>									
<b>Counties: San Joaquin</b>									
<b>MSA CODE 44700</b>									
<b>2017 - 1st Quarter Wages</b>									
<b>Geographic Area Name</b>	<b>SOC Code</b>	<b>Occupational Title</b>	<b>May 2016 Employment Estimates</b>	<b>Mean Hourly Wage</b>	<b>Mean Annual Wage</b>	<b>Mean Relative Standard Error (1)</b>	<b>25th Percentile Hourly Wage</b>	<b>50th Percentile (Median) Hourly Wage</b>	<b>75th Percentile Hourly Wage</b>
Stockton-Lodi, CA	49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	820	\$25.06	\$52,147	2.8	\$20.59	\$24.52	\$28.64
Stockton-Lodi, CA	49-3041	Farm Equipment Mechanics and Service Technicians	140	\$22.57	\$46,937	8	\$13.90	\$21.76	\$31.41
Stockton-Lodi, CA	49-3042	Mobile Heavy Equipment Mechanics, Except Engines	400	\$27.57	\$57,346	2.6	\$22.19	\$28.09	\$33.75
Stockton-Lodi, CA	49-3051	Motorboat Mechanics and Service Technicians	30	\$21.25	\$44,211	4.1	\$16.62	\$20.81	\$26.59