

ETPL IN-DEMAND OCCUPATIONS LIST

The California Employment Development Department (EDD) mandates the following: “The ETPL includes locally approved training programs that lead to self-sustainable careers in the local/regional economy, as supported by current labor market information identifying industry sectors and occupational clusters that are high-growth, high-demand, projecting skills shortages, and/or vital to the regional economy.” Each year, the San Diego Workforce Partnership provides updated analysis to identify occupations in San Diego County that meet these criteria. DOL and DAS registered apprenticeships are exempt from the criteria below and will be included automatically.

In order to be eligible for listing on the San Diego ETPL, training programs must train WIOA-eligible participants for jobs in occupations that meet the following basic criteria:

1. **Openings:** At least 30 projected openings per year from 2021-2025, where openings are defined as replacement jobs (those requiring new hires due to existing workers leaving the occupation) plus growth in total jobs within the occupation.
2. **Experience:** Requires “none” or “less than five years” of work experience in a related occupation according to Bureau of Labor Statistics [employment projections](#).
3. **Education:** The typical education needed for entry is a bachelor’s degree or less according to Bureau of Labor Statistics [employment projections](#).
4. **Wage:** The 10th and 25th percentile wage is at least \$17.65 per hour. In other words, at least 90% or 75% of workers in the occupation earn \$17.65 or more. Wage data comes from Economic Modeling Specialists, International (EMSI) 2021 wage estimates.¹
5. **Occupations:** The training program must train for a specific occupation or grouping of occupations within the same industry to be considered. Programs cannot train for skills within a variety of occupations.

Occupations that meet these basic criteria are classified in three categories:

1. **Priority Occupation** – SDWP will spend 45% of funds allocated for ETPL on priority occupations.
 - a. Typical education needed is less than a bachelor’s degree
 - b. 10th percentile wage is at least \$17.65
2. **In-Demand Occupation** – SDWP will spend 30% of funds allocated for ETPL on in-demand occupations.
 - a. Typical education needed is less than a bachelor’s degree
 - b. 25th percentile wage is at least \$17.65
3. **Customer Choice Occupation** – SDWP will spend 25% of funds allocated for ETPL on additional customer choice occupations.
 - a. 10th percentile wage is at least \$17.65

Note: Occupations in Standard Occupational Classification (SOC) codes including the phrase “all other” were added back to the ETPL as long as they meet the above criteria. We did this to avoid excluding training opportunities that provide most participants a self-sustaining wage, but will monitor potentially low annual openings for job categories within these SOC codes. If placements related to jobs in those occupations after training remain low, we will remove those occupations from consideration in the future.

¹ The wage cutoff of \$17.65 was chosen based on the University of Washington Center for Women’s Welfare self-sufficiency standard for a single adult in San Diego County working 40 hours a week. Since this analysis was completed, this self-sufficiency wage was raised to \$18.66, so future eligibility criteria will likely require higher wages.
Revised August 2021

SOC	Description	2021 Eligibility	2021 Tier
11-2022	Sales Managers	Eligible	3-Customer Choice
11-3011	Administrative Services and Facilities Managers	Eligible	3-Customer Choice
11-9021	Construction Managers	Eligible	3-Customer Choice
11-9031	Education and Childcare Administrators, Preschool and Daycare	Eligible	3-Customer Choice
11-9039	Education Administrators, All Other	Eligible	3-Customer Choice
11-9051	Food Service Managers	Eligible	2-In-Demand
11-9081	Lodging Managers	Eligible	2-In-Demand
11-9111	Medical and Health Services Managers	Eligible	3-Customer Choice
11-9141	Property, Real Estate, and Community Association Managers	Eligible	2-In-Demand
11-9151	Social and Community Service Managers	Eligible	3-Customer Choice
11-9198	Personal Service Managers, All Other; Entertainment and Recreation Managers, Except Gambling; and Managers, All Other	Eligible	3-Customer Choice
13-1028	Buyers and Purchasing Agents	Eligible	3-Customer Choice
13-1031	Claims Adjusters, Examiners, and Investigators	Eligible	1-Priority
13-1041	Compliance Officers	Eligible	3-Customer Choice
13-1051	Cost Estimators	Eligible	3-Customer Choice
13-1071	Human Resources Specialists	Eligible	3-Customer Choice
13-1075	Labor Relations Specialists	Eligible	3-Customer Choice
13-1081	Logisticians	Eligible	3-Customer Choice
13-1111	Management Analysts	Eligible	3-Customer Choice
13-1141	Compensation, Benefits, and Job Analysis Specialists	Eligible	3-Customer Choice
13-1151	Training and Development Specialists	Eligible	3-Customer Choice
13-1198	Project Management Specialists and Business Operations Specialists, All Other	Eligible	3-Customer Choice
13-2011	Accountants and Auditors	Eligible	3-Customer Choice
13-2021	Property Appraisers and Assessors	Eligible	3-Customer Choice
13-2031	Budget Analysts	Eligible	3-Customer Choice

SOC	Description	2021 Eligibility	2021 Tier
13-2052	Personal Financial Advisors	Eligible	3-Customer Choice
13-2053	Insurance Underwriters	Eligible	3-Customer Choice
13-2061	Financial Examiners	Eligible	3-Customer Choice
13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other	Eligible	3-Customer Choice
15-1211	Computer Systems Analysts	Eligible	3-Customer Choice
15-1212	Information Security Analysts	Eligible	3-Customer Choice
15-1231	Computer Network Support Specialists	Eligible	1-Priority
15-1232	Computer User Support Specialists	Eligible	1-Priority
15-1244	Network and Computer Systems Administrators	Eligible	3-Customer Choice
15-1245	Database Administrators and Architects	Eligible	3-Customer Choice
15-1251	Computer Programmers	Eligible	3-Customer Choice
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	Eligible	3-Customer Choice
15-1257	Web Developers and Digital Interface Designers	Eligible	2-In-Demand
15-1299	Computer Occupations, All Other	Eligible	3-Customer Choice
15-2031	Operations Research Analysts	Eligible	3-Customer Choice
17-1011	Architects, Except Landscape and Naval	Eligible	3-Customer Choice
17-1022	Surveyors	Eligible	3-Customer Choice
17-2011	Aerospace Engineers	Eligible	3-Customer Choice
17-2031	Bioengineers and Biomedical Engineers	Eligible	3-Customer Choice
17-2051	Civil Engineers	Eligible	3-Customer Choice
17-2061	Computer Hardware Engineers	Eligible	3-Customer Choice
17-2071	Electrical Engineers	Eligible	3-Customer Choice
17-2072	Electronics Engineers, Except Computer	Eligible	3-Customer Choice
17-2081	Environmental Engineers	Eligible	3-Customer Choice
17-2112	Industrial Engineers	Eligible	3-Customer Choice
17-2141	Mechanical Engineers	Eligible	3-Customer Choice

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17-2199	Engineers, All Other	Eligible	3-Customer Choice
17-3011	Architectural and Civil Drafters	Eligible	1-Priority
17-3012	Electrical and Electronics Drafters	Eligible	2-In-Demand
17-3013	Mechanical Drafters	Eligible	1-Priority
17-3021	Aerospace Engineering and Operations Technologists and Technicians	Eligible	1-Priority
17-3022	Civil Engineering Technologists and Technicians	Eligible	2-In-Demand
17-3023	Electrical and Electronic Engineering Technologists and Technicians	Eligible	1-Priority
17-3026	Industrial Engineering Technologists and Technicians	Eligible	1-Priority
17-3027	Mechanical Engineering Technologists and Technicians	Eligible	2-In-Demand
17-3031	Surveying and Mapping Technicians	Eligible	1-Priority
17-3098	Calibration Technologists and Technicians and Engineering Technologists and Technicians, Except Drafters, All Other	Eligible	1-Priority
19-1013	Soil and Plant Scientists	Eligible	3-Customer Choice
19-1022	Microbiologists	Eligible	3-Customer Choice
19-1029	Biological Scientists, All Other	Eligible	3-Customer Choice
19-2031	Chemists	Eligible	3-Customer Choice
19-2041	Environmental Scientists and Specialists, Including Health	Eligible	3-Customer Choice
19-2042	Geoscientists, Except Hydrologists and Geographers	Eligible	3-Customer Choice
19-3099	Social Scientists and Related Workers, All Other	Eligible	3-Customer Choice
19-4042	Environmental Science and Protection Technicians, Including Health	Eligible	2-In-Demand
19-4071	Forest and Conservation Technicians	Eligible	2-In-Demand
19-4099	Life, Physical, and Social Science Technicians, All Other	Eligible	1-Priority
19-5011	Occupational Health and Safety Specialists	Eligible	3-Customer Choice
21-1029	Social Workers, All Other	Eligible	3-Customer Choice
21-1092	Probation Officers and Correctional Treatment Specialists	Eligible	3-Customer Choice
23-2011	Paralegals and Legal Assistants	Eligible	1-Priority
23-2093	Title Examiners, Abstractors, and Searchers	Eligible	1-Priority
25-2021	Elementary School Teachers, Except Special Education	Eligible	3-Customer Choice

SOC	Description	2021 Eligibility	2021 Tier
25-2022	Middle School Teachers, Except Special and Career/Technical Education	Eligible	3-Customer Choice
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	Eligible	3-Customer Choice
25-2058	Special Education Teachers, Secondary School	Eligible	3-Customer Choice
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	Eligible	3-Customer Choice
25-4022	Librarians and Media Collections Specialists	Eligible	3-Customer Choice
27-1025	Interior Designers	Eligible	3-Customer Choice
27-2011	Actors	Eligible	2-In-Demand
27-3042	Technical Writers	Eligible	3-Customer Choice
29-1031	Dietitians and Nutritionists	Eligible	3-Customer Choice
29-1126	Respiratory Therapists	Eligible	1-Priority
29-1141	Registered Nurses	Eligible	3-Customer Choice
29-1292	Dental Hygienists	Eligible	1-Priority
29-2031	Cardiovascular Technologists and Technicians	Eligible	1-Priority
29-2032	Diagnostic Medical Sonographers	Eligible	1-Priority
29-2034	Radiologic Technologists and Technicians	Eligible	1-Priority
29-2053	Psychiatric Technicians	Eligible	2-In-Demand
29-2055	Surgical Technologists	Eligible	1-Priority
29-2056	Veterinary Technologists and Technicians	Eligible	2-In-Demand
29-2061	Licensed Practical and Licensed Vocational Nurses	Eligible	1-Priority
31-2011	Occupational Therapy Assistants	Eligible	1-Priority
31-2021	Physical Therapist Assistants	Eligible	1-Priority
31-9093	Medical Equipment Preparers	Eligible	2-In-Demand
31-9097	Phlebotomists	Eligible	1-Priority
31-9099	Healthcare Support Workers, All Other	Eligible	2-In-Demand
33-1012	First-Line Supervisors of Police and Detectives	Eligible	1-Priority
33-1099	Miscellaneous First-Line Supervisors, Protective Service Workers	Eligible	2-In-Demand
33-2011	Firefighters	Eligible	1-Priority
33-3012	Correctional Officers and Jailers	Eligible	1-Priority
33-3021	Detectives and Criminal Investigators	Eligible	1-Priority
33-3051	Police and Sheriffs Patrol Officers	Eligible	1-Priority
33-9021	Private Detectives and Investigators	Eligible	2-In-Demand

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37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	Eligible	2-In-Demand
37-3013	Tree Trimmers and Pruners	Eligible	2-In-Demand
39-1013	First-Line Supervisors of Gambling Services Workers	Eligible	2-In-Demand
41-1012	First-Line Supervisors of Non-Retail Sales Workers	Eligible	1-Priority
41-3021	Insurance Sales Agents	Eligible	2-In-Demand
41-3031	Securities, Commodities, and Financial Services Sales Agents	Eligible	3-Customer Choice
41-3041	Travel Agents	Eligible	2-In-Demand
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	Eligible	2-In-Demand
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	Eligible	3-Customer Choice
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	Eligible	2-In-Demand
41-9021	Real Estate Brokers	Eligible	1-Priority
41-9022	Real Estate Sales Agents	Eligible	1-Priority
41-9031	Sales Engineers	Eligible	3-Customer Choice
43-1011	First-Line Supervisors of Office and Administrative Support Workers	Eligible	1-Priority
43-2099	Communications Equipment Operators, All Other	Eligible	2-In-Demand
43-3021	Billing and Posting Clerks	Eligible	2-In-Demand
43-3031	Bookkeeping, Accounting, and Auditing Clerks	Eligible	2-In-Demand
43-3051	Payroll and Timekeeping Clerks	Eligible	1-Priority
43-3061	Procurement Clerks	Eligible	2-In-Demand
43-4011	Brokerage Clerks	Eligible	1-Priority
43-4031	Court, Municipal, and License Clerks	Eligible	2-In-Demand
43-4061	Eligibility Interviewers, Government Programs	Eligible	2-In-Demand
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	Eligible	2-In-Demand
43-5031	Public Safety Telecommunicators	Eligible	1-Priority
43-5051	Postal Service Clerks	Eligible	1-Priority
43-5052	Postal Service Mail Carriers	Eligible	2-In-Demand
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	Eligible	2-In-Demand
43-5061	Production, Planning, and Expediting Clerks	Eligible	2-In-Demand
43-6011	Executive Secretaries and Executive Administrative Assistants	Eligible	1-Priority

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43-6012	Legal Secretaries and Administrative Assistants	Eligible	2-In-Demand
43-9022	Word Processors and Typists	Eligible	2-In-Demand
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	Eligible	2-In-Demand
47-2031	Carpenters	Eligible	2-In-Demand
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	Eligible	1-Priority
47-2044	Tile and Stone Setters	Eligible	2-In-Demand
47-2051	Cement Masons and Concrete Finishers	Eligible	2-In-Demand
47-2071	Paving, Surfacing, and Tamping Equipment Operators	Eligible	2-In-Demand
47-2073	Operating Engineers and Other Construction Equipment Operators	Eligible	1-Priority
47-2081	Drywall and Ceiling Tile Installers	Eligible	2-In-Demand
47-2082	Tapers	Eligible	1-Priority
47-2111	Electricians	Eligible	2-In-Demand
47-2121	Glaziers	Eligible	1-Priority
47-2152	Plumbers, Pipefitters, and Steamfitters	Eligible	2-In-Demand
47-2161	Plasterers and Stucco Masons	Eligible	1-Priority
47-2181	Roofers	Eligible	2-In-Demand
47-2211	Sheet Metal Workers	Eligible	1-Priority
47-2221	Structural Iron and Steel Workers	Eligible	1-Priority
47-2231	Solar Photovoltaic Installers	Eligible	1-Priority
47-4051	Highway Maintenance Workers	Eligible	2-In-Demand
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	Eligible	1-Priority
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	Eligible	1-Priority
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	Eligible	1-Priority
49-2091	Avionics Technicians	Eligible	1-Priority
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	Eligible	1-Priority
49-2098	Security and Fire Alarm Systems Installers	Eligible	2-In-Demand
49-3011	Aircraft Mechanics and Service Technicians	Eligible	1-Priority
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	Eligible	1-Priority
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	Eligible	1-Priority
49-9011	Mechanical Door Repairers	Eligible	2-In-Demand
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	Eligible	2-In-Demand
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Eligible	1-Priority

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49-9041	Industrial Machinery Mechanics	Eligible	1-Priority
49-9043	Maintenance Workers, Machinery	Eligible	2-In-Demand
49-9051	Electrical Power-Line Installers and Repairers	Eligible	1-Priority
49-9052	Telecommunications Line Installers and Repairers	Eligible	2-In-Demand
51-1011	First-Line Supervisors of Production and Operating Workers	Eligible	1-Priority
51-4121	Welders, Cutters, Solderers, and Brazers	Eligible	2-In-Demand
51-8021	Stationary Engineers and Boiler Operators	Eligible	1-Priority
51-8031	Water and Wastewater Treatment Plant and System Operators	Eligible	1-Priority
51-9011	Chemical Equipment Operators and Tenders	Eligible	2-In-Demand
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	Eligible	2-In-Demand
53-2011	Airline Pilots, Copilots, and Flight Engineers	Eligible	3-Customer Choice
53-2012	Commercial Pilots	Eligible	1-Priority
53-2021	Air Traffic Controllers	Eligible	1-Priority
53-2031	Flight Attendants	Eligible	1-Priority
53-5031	Ship Engineers	Eligible	1-Priority
53-7021	Crane and Tower Operators	Eligible	1-Priority