

ETPL IN-DEMAND OCCUPATIONS LIST

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:** More than **29** 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](#). Exception for Customer Choice categories for dislocated workers.
3. **Education:** The typical education needed for entry is a bachelor’s degree or less according to Bureau of Labor Statistics [employment projections](#). Exception for Customer Choice categories for dislocated workers.
4. **Wage:** The **50th percentile wage (median) is at least \$18.66 per hour**. In other words, at least 50% of workers in the occupation earn \$18.66 or more. Wage data comes from Economic Modeling Specialists, International (Emsi) 2021 wage estimates.
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 four categories:

1. **Priority Occupation** – Programs under this category have priority with funding availability.
 - a. Typical education needed is less than a bachelor’s degree
 - b. 10th percentile wage is at least \$18.66
2. **In-Demand Occupation**
 - a. Typical education needed is less than a bachelor’s degree
 - b. 25th percentile wage is at least \$18.66
3. **Customer Choice Occupation**
 - a. Typical education includes bachelor’s degrees and above
 - b. These are typically programs for participants who require upskilling or reskilling due to dislocation, layoff, or termination, and will have some education or experience in the field. These are typically not entry-level occupations.
 - c. 10th percentile wage is at least \$18.66
4. **Contingent Occupation**
 - a. Typical education needed is less than a bachelor’s degree
 - b. 50th percentile wage is at least \$18.66
 - c. Occupations added under this more lenient standard will be considered “contingently” approved, with the expectation that training providers demonstrate that participants are earning a self-sufficiency wage of \$18.66 an hour or more.
Programs that do not provide wage data when requested will be removed from the local ETPL and will need to submit the data to be reinstated.

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.

ONETSOC	Description	SD ETPL Category
11-1031.00	Legislators	4-Contingent
11-2022.00	Sales Managers	3-Customer Choice
11-3013.01	Administrative Services and Facilities Managers	3-Customer Choice
11-9021.00	Construction Managers	3-Customer Choice
11-9031.00	Education and Childcare Administrators, Preschool and Daycare	3-Customer Choice
11-9033.00	Education Administrators, All Other	3-Customer Choice
11-9051.00	Food Service Managers	2-In-Demand
11-9071.00	Lodging Managers	2-In-Demand
11-9071.00	Medical and Health Services Managers	3-Customer Choice
11-9141.00	Property, Real Estate, and Community Association Managers	2-In-Demand
11-9151.00	Social and Community Service Managers	3-Customer Choice
11-9199.11	Personal Service Managers, All Other; Entertainment and Recreation Managers, Except Gambling; and Managers, All Other	3-Customer Choice
13-1023.00	Buyers and Purchasing Agents	3-Customer Choice
13-1031.00	Claims Adjusters, Examiners, and Investigators	1-Priority
13-1041.08	Compliance Officers	3-Customer Choice
13-1051.00	Cost Estimators	3-Customer Choice
13-1071.00	Human Resources Specialists	3-Customer Choice
13-1075.00	Labor Relations Specialists	3-Customer Choice
13-1081.02	Logisticians	3-Customer Choice
13-1111.00	Management Analysts	3-Customer Choice
13-1121.00	Meeting, Convention, and Event Planners	4-Contingent
13-1131.00	Fundraisers	4-Contingent
13-1141.00	Compensation, Benefits, and Job Analysis Specialists	3-Customer Choice
13-1151.00	Training and Development Specialists	3-Customer Choice
13-1161.01	Market Research Analysts and Marketing Specialists	4-Contingent
13-1199.07	Project Management Specialists and Business Operations Specialists, All Other	3-Customer Choice
13-2011.00	Accountants and Auditors	3-Customer Choice

ONETSOC	Description	SD ETPL Category
13-2023.00	Property Appraisers and Assessors	3-Customer Choice
13-2031.00	Budget Analysts	3-Customer Choice
13-2041.00	Credit Analysts	4-Contingent
13-2041.00	Personal Financial Advisors	3-Customer Choice
13-2053.00	Insurance Underwriters	3-Customer Choice
13-2061.00	Financial Examiners	3-Customer Choice
13-2072.00	Loan Officers	4-Contingent
13-2082.00	Tax Preparers	4-Contingent
13-2099.04	Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other	3-Customer Choice
15-1211.01	Computer Systems Analysts	3-Customer Choice
15-1212.00	Information Security Analysts	3-Customer Choice
15-1231.00	Computer Network Support Specialists	1-Priority
15-1232.00	Computer User Support Specialists	1-Priority
15-1241.01	Network and Computer Systems Administrators	3-Customer Choice
15-1243.01	Database Administrators and Architects	3-Customer Choice
15-1251.00	Computer Programmers	3-Customer Choice
15-1253.00	Software Developers and Software Quality Assurance Analysts and Testers	3-Customer Choice
15-1255.01	Web Developers and Digital Interface Designers	2-In-Demand
15-1299.09	Computer Occupations, All Other	3-Customer Choice
15-2031.00	Operations Research Analysts	3-Customer Choice
17-1011.00	Architects, Except Landscape and Naval	3-Customer Choice
17-1022.01	Surveyors	3-Customer Choice
17-2011.00	Aerospace Engineers	3-Customer Choice
17-2031.00	Bioengineers and Biomedical Engineers	3-Customer Choice
17-2051.02	Civil Engineers	3-Customer Choice
17-2061.00	Computer Hardware Engineers	3-Customer Choice
17-2071.00	Electrical Engineers	3-Customer Choice
17-2072.01	Electronics Engineers, Except Computer	3-Customer Choice
17-2081.00	Environmental Engineers	3-Customer Choice
17-2112.03	Industrial Engineers	3-Customer Choice

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17-2141.02	Mechanical Engineers	3-Customer Choice
17-2199.11	Engineers, All Other	3-Customer Choice
17-3011.00	Architectural and Civil Drafters	1-Priority
17-3012.00	Electrical and Electronics Drafters	2-In-Demand
17-3013.00	Mechanical Drafters	1-Priority
17-3021.00	Aerospace Engineering and Operations Technologists and Technicians	1-Priority
17-3022.00	Civil Engineering Technologists and Technicians	2-In-Demand
17-3023.00	Electrical and Electronic Engineering Technologists and Technicians	1-Priority
17-3026.01	Industrial Engineering Technologists and Technicians	1-Priority
17-3027.01	Surveying and Mapping Technicians	1-Priority
17-3027.01	Mechanical Engineering Technologists and Technicians	2-In-Demand
17-3029.08	Calibration Technologists and Technicians and Engineering Technologists and Technicians, Except Drafters, All Other	1-Priority
19-1013.00	Soil and Plant Scientists	3-Customer Choice
19-1022.00	Microbiologists	3-Customer Choice
19-1029.04	Biological Scientists, All Other	3-Customer Choice
19-2031.00	Chemists	3-Customer Choice
19-2041.03	Environmental Scientists and Specialists, Including Health	3-Customer Choice
19-2042.00	Geoscientists, Except Hydrologists and Geographers	3-Customer Choice
19-3099.01	Social Scientists and Related Workers, All Other	3-Customer Choice
19-4021.00	Biological Technicians	4-Contingent
19-4031.00	Chemical Technicians	4-Contingent
19-4042.00	Environmental Science and Protection Technicians, Including Health	2-In-Demand
19-4061.00	Social Science Research Assistants	4-Contingent
19-4071.00	Forest and Conservation Technicians	2-In-Demand
19-4099.03	Life, Physical, and Social Science Technicians, All Other	1-Priority
19-5011.00	Occupational Health and Safety Specialists	3-Customer Choice
21-1014.00	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	4-Contingent
21-1021.00	Child, Family, and School Social Workers	4-Contingent
21-1023.00	Social Workers, All Other	3-Customer Choice
21-1091.00	Health Education Specialists	4-Contingent

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21-1092.00	Probation Officers and Correctional Treatment Specialists	3-Customer Choice
21-1094.00	Community and Social Service Specialists, All Other	4-Contingent
21-1094.00	Community Health Workers	4-Contingent
21-2011.00	Clergy	4-Contingent
21-2021.00	Directors, Religious Activities and Education	4-Contingent
23-2011.00	Paralegals and Legal Assistants	1-Priority
23-2093.00	Title Examiners, Abstractors, and Searchers	1-Priority
25-2012.00	Kindergarten Teachers, Except Special Education	4-Contingent
25-2021.00	Elementary School Teachers, Except Special Education	3-Customer Choice
25-2022.00	Middle School Teachers, Except Special and Career/Technical Education	3-Customer Choice
25-2031.00	Secondary School Teachers, Except Special and Career/Technical Education	3-Customer Choice
25-2056.00	Special Education Teachers, Kindergarten and Elementary School	4-Contingent
25-2058.00	Special Education Teachers, Secondary School	3-Customer Choice
25-3011.00	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	3-Customer Choice
25-3021.00	Self-Enrichment Teachers	4-Contingent
25-3041.00	Tutors and Teachers and Instructors, All Other	4-Contingent
25-4022.00	Librarians and Media Collections Specialists	3-Customer Choice
25-4031.00	Library Technicians	4-Contingent
25-9044.00	Educational Instruction and Library Workers, All Other	4-Contingent
27-1024.00	Graphic Designers	4-Contingent
27-1025.00	Interior Designers	3-Customer Choice
27-2011.00	Actors	2-In-Demand
27-2012.05	Producers and Directors	4-Contingent
27-2022.00	Coaches and Scouts	4-Contingent
27-2023.00	Umpires, Referees, and Other Sports Officials	4-Contingent
27-2041.00	Music Directors and Composers	4-Contingent
27-2042.00	Musicians and Singers	4-Contingent
27-3023.00	News Analysts, Reporters, and Journalists	4-Contingent
27-3031.00	Public Relations Specialists	4-Contingent
27-3041.00	Editors	4-Contingent

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27-3042.00	Technical Writers	3-Customer Choice
27-3043.05	Writers and Authors	4-Contingent
27-3091.00	Interpreters and Translators	4-Contingent
27-4011.00	Audio and Video Technicians	4-Contingent
27-4032.00	Lighting Technicians and Media and Communication Equipment Workers, All Other	4-Contingent
29-1031.00	Dietitians and Nutritionists	3-Customer Choice
29-1126.00	Respiratory Therapists	1-Priority
29-1141.04	Registered Nurses	3-Customer Choice
29-1292.00	Dental Hygienists	1-Priority
29-2012.01	Clinical Laboratory Technologists and Technicians	4-Contingent
29-2031.00	Cardiovascular Technologists and Technicians	1-Priority
29-2032.00	Diagnostic Medical Sonographers	1-Priority
29-2034.00	Radiologic Technologists and Technicians	1-Priority
29-2035.00	Licensed Practical and Licensed Vocational Nurses	1-Priority
29-2035.00	Surgical Technologists	1-Priority
29-2035.00	Pharmacy Technicians	4-Contingent
29-2035.00	Psychiatric Technicians	2-In-Demand
29-2035.00	Veterinary Technologists and Technicians	2-In-Demand
29-2099.08	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	4-Contingent
29-9099.01	Health Information Technologists, Medical Registrars, Surgical Assistants, and Healthcare Practitioners and Technical Workers,	4-Contingent
31-2011.00	Occupational Therapy Assistants	1-Priority
31-2021.00	Physical Therapist Assistants	1-Priority
31-9091.00	Dental Assistants	4-Contingent
31-9093.00	Medical Equipment Preparers	2-In-Demand
31-9097.00	Phlebotomists	1-Priority
31-9099.02	Healthcare Support Workers, All Other	2-In-Demand
33-1012.00	First-Line Supervisors of Police and Detectives	1-Priority
33-1091.00	Miscellaneous First-Line Supervisors, Protective Service Workers	2-In-Demand
33-2011.00	Firefighters	1-Priority
33-3012.00	Correctional Officers and Jailers	1-Priority

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33-3021.06	Detectives and Criminal Investigators	1-Priority
33-3051.04	Police and Sheriffs Patrol Officers	1-Priority
33-9021.00	Private Detectives and Investigators	2-In-Demand
33-9091.00	Crossing Guards and Flaggers	4-Contingent
33-9093.00	Transportation Security Screeners	4-Contingent
37-1011.00	First-Line Supervisors of Housekeeping and Janitorial Workers	4-Contingent
37-1012.00	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	2-In-Demand
37-2021.00	Pest Control Workers	4-Contingent
37-3013.00	Grounds Maintenance Workers, All Other	4-Contingent
37-3013.00	Tree Trimmers and Pruners	2-In-Demand
39-1013.00	First-Line Supervisors of Gambling Services Workers	2-In-Demand
39-1022.00	First-Line Supervisors of Personal Service and Entertainment and Recreation Workers, Except Gambling Services	4-Contingent
39-2011.00	Animal Trainers	4-Contingent
41-1011.00	First-Line Supervisors of Retail Sales Workers	4-Contingent
41-1012.00	First-Line Supervisors of Non-Retail Sales Workers	1-Priority
41-3011.00	Advertising Sales Agents	4-Contingent
41-3021.00	Insurance Sales Agents	2-In-Demand
41-3031.00	Securities, Commodities, and Financial Services Sales Agents	3-Customer Choice
41-3041.00	Travel Agents	2-In-Demand
41-3091.00	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	2-In-Demand
41-4011.07	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3-Customer Choice
41-4012.00	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2-In-Demand
41-9021.00	Real Estate Brokers	1-Priority
41-9022.00	Real Estate Sales Agents	1-Priority
41-9031.00	Sales Engineers	3-Customer Choice
41-9091.00	Sales and Related Workers, All Other	4-Contingent
43-1011.00	First-Line Supervisors of Office and Administrative Support Workers	1-Priority
43-2011.00	Switchboard Operators, Including Answering Service	4-Contingent
43-2021.00	Communications Equipment Operators, All Other	2-In-Demand

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43-3011.00	Bill and Account Collectors	4-Contingent
43-3021.00	Billing and Posting Clerks	2-In-Demand
43-3031.00	Bookkeeping, Accounting, and Auditing Clerks	2-In-Demand
43-3051.00	Payroll and Timekeeping Clerks	1-Priority
43-3061.00	Procurement Clerks	2-In-Demand
43-4011.00	Brokerage Clerks	1-Priority
43-4031.00	Court, Municipal, and License Clerks	2-In-Demand
43-4061.00	Eligibility Interviewers, Government Programs	2-In-Demand
43-4111.00	Interviewers, Except Eligibility and Loan	4-Contingent
43-4131.00	Loan Interviewers and Clerks	4-Contingent
43-4161.00	Human Resources Assistants, Except Payroll and Timekeeping	2-In-Demand
43-4181.00	Information and Record Clerks, All Other	4-Contingent
43-4181.00	Reservation and Transportation Ticket Agents and Travel Clerks	4-Contingent
43-5011.01	Cargo and Freight Agents	4-Contingent
43-5031.00	Public Safety Telecommunicators	1-Priority
43-5032.00	Dispatchers, Except Police, Fire, and Ambulance	4-Contingent
43-5051.00	Postal Service Clerks	1-Priority
43-5052.00	Postal Service Mail Carriers	2-In-Demand
43-5053.00	Postal Service Mail Sorters, Processors, and Processing Machine Operators	2-In-Demand
43-5061.00	Production, Planning, and Expediting Clerks	2-In-Demand
43-6011.00	Executive Secretaries and Executive Administrative Assistants	1-Priority
43-6012.00	Legal Secretaries and Administrative Assistants	2-In-Demand
43-6013.00	Medical Secretaries and Administrative Assistants	4-Contingent
43-6014.00	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	4-Contingent
43-9022.00	Word Processors and Typists	2-In-Demand
43-9041.00	Insurance Claims and Policy Processing Clerks	4-Contingent
43-9111.00	Office and Administrative Support Workers, All Other	4-Contingent
45-1011.00	First-Line Supervisors of Farming, Fishing, and Forestry Workers	2-In-Demand
47-2031.00	Carpenters	2-In-Demand
47-2041.00	Carpet Installers	4-Contingent

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47-2042.00	Floor Layers, Except Carpet, Wood, and Hard Tiles	1-Priority
47-2044.00	Tile and Stone Setters	2-In-Demand
47-2051.00	Cement Masons and Concrete Finishers	2-In-Demand
47-2061.00	Construction Laborers	4-Contingent
47-2071.00	Paving, Surfacing, and Tamping Equipment Operators	2-In-Demand
47-2073.00	Operating Engineers and Other Construction Equipment Operators	1-Priority
47-2081.00	Drywall and Ceiling Tile Installers	2-In-Demand
47-2082.00	Tapers	1-Priority
47-2111.00	Electricians	2-In-Demand
47-2121.00	Glaziers	1-Priority
47-2131.00	Insulation Workers, Floor, Ceiling, and Wall	4-Contingent
47-2141.00	Painters, Construction and Maintenance	4-Contingent
47-2152.04	Plumbers, Pipefitters, and Steamfitters	2-In-Demand
47-2161.00	Plasterers and Stucco Masons	1-Priority
47-2181.00	Roofers	2-In-Demand
47-2211.00	Sheet Metal Workers	1-Priority
47-2221.00	Structural Iron and Steel Workers	1-Priority
47-2231.00	Solar Photovoltaic Installers	1-Priority
47-3011.00	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	4-Contingent
47-4041.00	Hazardous Materials Removal Workers	4-Contingent
47-4051.00	Highway Maintenance Workers	2-In-Demand
47-5022.00	Excavating and Loading Machine and Dragline Operators, Surface Mining	1-Priority
47-5032.00	Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance Handling Experts, and Blasters	4-Contingent
49-1011.00	First-Line Supervisors of Mechanics, Installers, and Repairers	1-Priority
49-2022.00	Telecommunications Equipment Installers and Repairers, Except Line Installers	1-Priority
49-2091.00	Avionics Technicians	1-Priority
49-2094.00	Electrical and Electronics Repairers, Commercial and Industrial Equipment	1-Priority
49-2098.00	Security and Fire Alarm Systems Installers	2-In-Demand
49-3011.00	Aircraft Mechanics and Service Technicians	1-Priority
49-3021.00	Automotive Body and Related Repairers	4-Contingent

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49-3023.00	Automotive Service Technicians and Mechanics	4-Contingent
49-3031.00	Bus and Truck Mechanics and Diesel Engine Specialists	1-Priority
49-3042.00	Mobile Heavy Equipment Mechanics, Except Engines	1-Priority
49-9011.00	Mechanical Door Repairers	2-In-Demand
49-9012.00	Control and Valve Installers and Repairers, Except Mechanical Door	2-In-Demand
49-9021.00	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1-Priority
49-9041.00	Industrial Machinery Mechanics	1-Priority
49-9043.00	Maintenance Workers, Machinery	2-In-Demand
49-9051.00	Electrical Power-Line Installers and Repairers	1-Priority
49-9052.00	Telecommunications Line Installers and Repairers	2-In-Demand
49-9064.00	Precision Instrument and Equipment Repairers, All Other	4-Contingent
49-9071.00	Maintenance and Repair Workers, General	4-Contingent
49-9094.00	Locksmiths and Safe Repairers	4-Contingent
49-9099.01	Installation, Maintenance, and Repair Workers, All Other	4-Contingent
51-1011.00	First-Line Supervisors of Production and Operating Workers	1-Priority
51-2011.00	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	4-Contingent
51-2041.00	Structural Metal Fabricators and Fitters	4-Contingent
51-4041.00	Machinists	4-Contingent
51-4081.00	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	4-Contingent
51-4121.00	Welders, Cutters, Solderers, and Brazers	2-In-Demand
51-8021.00	Stationary Engineers and Boiler Operators	1-Priority
51-8031.00	Water and Wastewater Treatment Plant and System Operators	1-Priority
51-9011.00	Chemical Equipment Operators and Tenders	2-In-Demand
51-9012.00	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	4-Contingent
51-9061.00	Inspectors, Testers, Sorters, Samplers, and Weighers	4-Contingent
51-9083.00	Ophthalmic Laboratory Technicians	4-Contingent
51-9124.00	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	4-Contingent
51-9161.00	Computer Numerically Controlled Tool Operators	4-Contingent
53-1044.00	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	2-In-Demand
53-2011.00	Airline Pilots, Copilots, and Flight Engineers	3-Customer Choice

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53-2012.00	Commercial Pilots	1-Priority
53-2021.00	Air Traffic Controllers	1-Priority
53-2031.00	Flight Attendants	1-Priority
53-3032.00	Heavy and Tractor-Trailer Truck Drivers	4-Contingent
53-3033.00	Light Truck Drivers	4-Contingent
53-3052.00	Bus Drivers, Transit and Intercity	4-Contingent
53-3054.00	Motor Vehicle Operators, All Other	4-Contingent
53-5011.00	Sailors and Marine Oilers	4-Contingent
53-5021.00	Captains, Mates, and Pilots of Water Vessels	4-Contingent
53-5031.00	Ship Engineers	1-Priority
53-7021.00	Crane and Tower Operators	1-Priority
53-7051.00	Industrial Truck and Tractor Operators	4-Contingent
53-7081.00	Refuse and Recyclable Material Collectors	4-Contingent
53-7121.00	Military-only Occupations	4-Contingent