

Industry and Occupation Shortages, CTE Incentive Grant Program (Updated 10/15/2025)

SOC Code	Occupation Title	Career Clusters
11-9013	Farmers, Ranchers, and Other Agricultural Managers	Agriculture, Food & Natural Resources
19-4013	Food Science Technicians	Agriculture, Food & Natural Resources
19-4021	Biological Technicians	Agriculture, Food & Natural Resources
19-4071	Forest and Conservation Technicians	Agriculture, Food & Natural Resources
37-2021	Pest Control Workers	Agriculture, Food & Natural Resources
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	Agriculture, Food & Natural Resources
37-3013	Tree Trimmers and Pruners	Agriculture, Food & Natural Resources
39-2021	Animal Caretakers	Agriculture, Food & Natural Resources
45-2091	Agricultural Equipment Operators	Agriculture, Food & Natural Resources
45-4022	Logging Equipment Operators	Agriculture, Food & Natural Resources
49-3041	Farm Equipment Mechanics and Service Technicians	Agriculture, Food & Natural Resources
13-1020	Buyers and Purchasing Agents (See 13-1021, 13-1022, and 13-1023)	Agriculture, Food & Natural Resources; Manufacturing; Marketing
11-9021	Construction Managers	Architecture & Construction
17-3031	Surveying and Mapping Technicians	Architecture & Construction
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	Architecture & Construction
47-2031	Carpenters	Architecture & Construction
47-2073	Operating Engineers and Other Construction Equipment Operators	Architecture & Construction
47-2111	Electricians	Architecture & Construction
47-2152	Plumbers, Pipefitters, and Steamfitters	Architecture & Construction
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	Architecture & Construction
47-4051	Highway Maintenance Workers	Architecture & Construction
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Architecture & Construction
49-9098	Helpers--Installation, Maintenance, and Repair Workers	Architecture & Construction
27-1024	Graphic Designers	Arts, Audio/Video Technology & Communications
51-5111	Prepress Technicians and Workers	Arts, Audio/Video Technology & Communications

51-5112	Printing Press Operators	Arts, Audio/Video Technology & Communications
11-1021	General and Operations Managers	Business Management & Administration
11-3021	Computer and Information Systems Managers	Business Management & Administration
11-3031	Financial Managers	Business Management & Administration
11-3051	Industrial Production Managers	Business Management & Administration
11-9199	Managers, All Other	Business Management & Administration
13-1071	Human Resources Specialists	Business Management & Administration
13-1075	Labor Relations Specialists	Business Management & Administration
13-1111	Management Analysts	Business Management & Administration
13-1151	Training and Development Specialists	Business Management & Administration
13-1199	Business Operations Specialists, All Other	Business Management & Administration
43-1011	First-Line Supervisors of Office and Administrative Support Workers	Business Management & Administration
43-3031	Bookkeeping, Accounting, and Auditing Clerks	Business Management & Administration
43-4051	Customer Service Representatives	Business Management & Administration
43-4071	File Clerks	Business Management & Administration
43-4111	Interviewers, Except Eligibility and Loan	Business Management & Administration
43-4121	Library Assistants, Clerical	Business Management & Administration
43-4171	Receptionists and Information Clerks	Business Management & Administration
43-4199	Information and Record Clerks, All Other	Business Management & Administration
43-5071	Shipping, Receiving, and Inventory Clerks	Business Management & Administration
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	Business Management & Administration
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	Business Management & Administration
43-9061	Office Clerks, General	Business Management & Administration
43-9071	Office Machine Operators, Except Computer	Business Management & Administration
47-4011	Construction and Building Inspectors	Business Management & Administration

53-7065	Stockers and Order Fillers	Business Management & Administration
13-1082	Project Management Specialists	Business Management & Administration; Information Technology
25-2011	Preschool Teachers, Except Special Education	Education & Training
25-2021	Elementary School Teachers, Except Special Education	Education & Training
25-2022	Middle School Teachers, Except Special and Career/Technical Education	Education & Training
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	Education & Training
25-2051	Special Education Teachers, Preschool	Education & Training
25-2052	Special Education Teachers, Kindergarten and Elementary School (OEWS Hybrid. See 25-2055 and 25- 2056)	Education & Training
25-2057	Special Education Teachers, Middle School	Education & Training
25-2058	Special Education Teachers, Secondary School	Education & Training
25-2059	Special Education Teachers, All Other	Education & Training
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	Education & Training
25-3021	Self-Enrichment Teachers	Education & Training
25-3031	Substitute Teachers, Short-Term	Education & Training
25-3041	Tutors	Education & Training
25-3099	Teachers and Instructors, All Other	Education & Training
25-4031	Library Technicians	Education & Training
25-9044	Teaching Assistants, Postsecondary	Education & Training
25-9045	Teaching Assistants, Except Postsecondary (OEWS hybrid. See 25-9042, 25-9043, and 25-9049)	Education & Training
27-2022	Coaches and Scouts	Education & Training
13-1031	Claims Adjusters, Examiners, and Investigators	Finance
13-2011	Accountants and Auditors	Finance
13-2052	Personal Financial Advisors	Finance
13-2082	Tax Preparers	Finance
41-3021	Insurance Sales Agents	Finance
43-3071	Tellers	Finance
43-4011	Brokerage Clerks	Finance

43-9041	Insurance Claims and Policy Processing Clerks	Finance
41-3031	Securities, Commodities, and Financial Services Sales Agents	Finance; Marketing
45-2011	Agricultural Inspectors	Government & Public Administration
11-9111	Medical and Health Services Managers	Health Science
29-1141	Registered Nurses	Health Science
29-2010	Clinical Laboratory Technologists and Technicians (See 29-2011 and 29-2012)	Health Science
29-2052	Pharmacy Technicians	Health Science
29-2061	Licensed Practical and Licensed Vocational Nurses	Health Science
31-1131	Nursing Assistants	Health Science
31-2011	Occupational Therapy Assistants	Health Science
31-2021	Physical Therapist Assistants	Health Science
31-9091	Dental Assistants	Health Science
31-9092	Medical Assistants	Health Science
31-9093	Medical Equipment Preparers	Health Science
31-9094	Medical Transcriptionists	Health Science
31-9095	Pharmacy Aides	Health Science
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	Health Science
31-9097	Phlebotomists	Health Science
43-6013	Medical Secretaries and Administrative Assistants	Health Science
31-1120	Home Health and Personal Care Aides (See 31-1121 and 31-1122)	Health Science; Human Services
11-9051	Food Service Managers	Hospitality & Tourism
27-2023	Umpires, Referees, and Other Sports Officials	Hospitality & Tourism
35-1011	Chefs and Head Cooks	Hospitality & Tourism
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	Hospitality & Tourism
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	Hospitality & Tourism
39-2011	Animal Trainers	Hospitality & Tourism
39-3011	Gambling Dealers	Hospitality & Tourism
39-6012	Concierges	Hospitality & Tourism
39-7010	Tour and Travel Guides (See 39-7011 and 39-7012)	Hospitality & Tourism
39-9032	Recreation Workers	Hospitality & Tourism
41-3041	Travel Agents	Hospitality & Tourism
43-4081	Hotel, Motel, and Resort Desk Clerks	Hospitality & Tourism
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	Hospitality & Tourism

21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors (OEWS hybrid. See 21-1011 and 21-1014)	Human Services
21-1093	Social and Human Service Assistants	Human Services
31-9011	Massage Therapists	Human Services
39-1014	First-line Supervisors of Entertainment And Recreation Workers, Except Gambling Services	Human Services
39-1022	First-line Supervisors of Personal Service Workers	Human Services
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	Human Services
39-4021	Funeral Attendants	Human Services
39-4031	Morticians, Undertakers, and Funeral Arrangers	Human Services
39-5012	Hairdressers, Hairstylists, and Cosmetologists	Human Services
39-5092	Manicurists and Pedicurists	Human Services
39-5094	Skincare Specialists	Human Services
39-9011	Childcare Workers	Human Services
39-9031	Exercise Trainers and Group Fitness Instructors	Human Services
39-9041	Residential Advisors	Human Services
13-1161	Market Research Analysts and Marketing Specialists	Information Technology
15-1211	Computer Systems Analysts	Information Technology
15-1232	Computer User Support Specialists	Information Technology
15-1244	Network and Computer Systems Administrators	Information Technology
15-1252	Software Developers	Information Technology
29-2042	Emergency Medical Technicians	Law, Public Safety, Corrections & Security
29-2043	Paramedics	Law, Public Safety, Corrections & Security
33-2011	Firefighters	Law, Public Safety, Corrections & Security
33-3051	Police and Sheriff's Patrol Officers	Law, Public Safety, Corrections & Security
33-9032	Security Guards	Law, Public Safety, Corrections & Security
33-9099	Protective Service Workers, All Other	Law, Public Safety, Corrections & Security
19-4031	Chemical Technicians	Manufacturing
43-5061	Production, Planning, and Expediting Clerks	Manufacturing
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	Manufacturing

49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	Manufacturing
49-9041	Industrial Machinery Mechanics	Manufacturing
49-9071	Maintenance and Repair Workers, General	Manufacturing
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	Manufacturing
51-1011	First-Line Supervisors of Production and Operating Workers	Manufacturing
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers (OEWS hybrid. See 51-2022 and 51-2023)	Manufacturing
51-2031	Engine and Other Machine Assemblers	Manufacturing
51-2090	Miscellaneous Assemblers and Fabricators (See 51-2092 and 51-2099)	Manufacturing
51-3021	Butchers and Meat Cutters	Manufacturing
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	Manufacturing
51-3023	Slaughterers and Meat Packers	Manufacturing
51-3092	Food Batchmakers	Manufacturing
51-3093	Food Cooking Machine Operators and Tenders	Manufacturing
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	Manufacturing
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	Manufacturing
51-4041	Machinists	Manufacturing
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	Manufacturing
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	Manufacturing
51-4121	Welders, Cutters, Solderers, and Brazers	Manufacturing
51-7021	Furniture Finishers	Manufacturing
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	Manufacturing
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	Manufacturing
51-9071	Jewelers and Precious Stone and Metal Workers	Manufacturing
51-9081	Dental Laboratory Technicians	Manufacturing

51-9111	Packaging and Filling Machine Operators and Tenders	Manufacturing
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	Manufacturing
51-9161	Computer Numerically Controlled Tool Operators	Manufacturing
51-9194	Etchers and Engravers	Manufacturing
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	Manufacturing
51-9196	Paper Goods Machine Setters, Operators, and Tenders	Manufacturing
51-9198	Helpers--Production Workers	Manufacturing
51-9199	Production Workers, All Other	Manufacturing
11-2022	Sales Managers	Marketing
27-1026	Merchandise Displayers and Window Trimmers	Marketing
27-3031	Public Relations Specialists	Marketing
41-1011	First-Line Supervisors of Retail Sales Workers	Marketing
41-1012	First-Line Supervisors of Non-Retail Sales Workers	Marketing
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	Marketing
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	Marketing
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	Marketing
41-9022	Real Estate Sales Agents	Marketing
53-3031	Driver/Sales Workers	Marketing
17-2112	Industrial Engineers	Science, Technology, Engineering & Mathematics
17-2141	Mechanical Engineers	Science, Technology, Engineering & Mathematics
19-4099	Life, Physical, and Social Science Technicians, All Other	Science, Technology, Engineering & Mathematics
43-3021	Billing and Posting Clerks	Transportation, Distribution & Logistics
43-5021	Couriers and Messengers	Transportation, Distribution & Logistics
49-3023	Automotive Service Technicians and Mechanics	Transportation, Distribution & Logistics
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	Transportation, Distribution & Logistics
49-3093	Tire Repairers and Changers	Transportation, Distribution & Logistics

53-1047	FirstLine Supervisors of Transportation & Material Moving Workers, Exc Aircraft Cargo Handling Supervisor (OEWS hybrid. See 53-1042, 53-1043, 53-1044, and 53-1049)	Transportation, Distribution & Logistics
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53-2012	Commercial Pilots	Transportation, Distribution & Logistics
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53-3032	Heavy and Tractor-Trailer Truck Drivers	Transportation, Distribution & Logistics
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53-3033	Light Truck Drivers	Transportation, Distribution & Logistics
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53-3051	Bus Drivers, School	Transportation, Distribution & Logistics
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53-3052	Bus Drivers, Transit and Intercity	Transportation, Distribution & Logistics
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