

## A2: Skilled Trades Occupations Evaluated in Phase 1 and Associated Postsecondary Education Programs

Occupation	SOC Code	SOC Title	Education & Training Level	Classification of Instructional Program (CIP) Code	Classification of Instructional Program (CIP) Title
Chemical Equipment Operators	519012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	Moderate-term OJT	N/A	N/A
Chemical Equipment Operators	519011	Chemical Equipment Operators and Tenders	Moderate-term OJT	410301	Chemical Technology/Technician
Chemical Technicians	194031	Chemical Technicians	Associate degree	011001	Food Science
Chemical Technicians	194031	Chemical Technicians	Associate degree	410301	Chemical Technology/Technician
Computer-Controlled Machine Tool Operators	514012	Numerical Tool and Process Control Operators	Long-term OJT	110201	Computer Programming/Programmer, General
Computer-Controlled Machine Tool Operators	514012	Numerical Tool and Process Control Operators	Long-term OJT	110301	Data Processing and Data Processing Technology/Technician
Electricians and Electrical Technicians	173023	Electrical and Electronic Engineering Technicians	Associate degree	150303	Electrical, Electronic and Communications Engineering Technology/Technician
Electricians and Electrical Technicians	173023	Electrical and Electronic Engineering Technicians	Associate degree	150305	Telecommunications Technology/Technician (NEW)
Electricians and Electrical Technicians	173023	Electrical and Electronic Engineering Technicians	Associate degree	150399	Electrical and Electronic Engineering Technologies/Technicians, Other
Electricians and Electrical Technicians	173023	Electrical and Electronic Engineering Technicians	Associate degree	151201	Computer Engineering Technology/Technician
Electricians and Electrical Technicians	173023	Electrical and Electronic Engineering Technicians	Associate degree	151202	Computer Technology/Computer Systems Technology (NEW)
Electricians and Electrical Technicians	472111	Electricians	Long-term OJT	460302	Electrician
Electricians and Electrical Technicians	492094	Electrical and Electronic Repairers, Commercial and Industrial Equipment	Postsecondary vocational award	470104	Computer Installation and Repair Technology/Technician
Electricians and Electrical Technicians	492094	Electrical and Electronic Repairers, Commercial and Industrial Equipment	Postsecondary vocational award	470105	Industrial Electronics Technology/Technician
Extruding and Drawing Machine Setters	514021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	Moderate-term OJT	480501	Machine Tool Technology/Machinist
Machine Maintenance Specialists	499041	Industrial Machinery Mechanics	Long-term OJT	470303	Industrial Mechanics and Maintenance Technology
Machine Maintenance Specialists	499041	Industrial Machinery Mechanics	Long-term OJT	470399	Heavy/Industrial Equipment Maintenance Technologies, Other
Machine Maintenance Specialists	499042	Machine and Repair Workers, General	Moderate-term OJT	460412	Building/Construction Site Management/Manager (NEW)



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Machine Maintenance Specialists	499043	Maintenance Workers, Machinery	Short-term OJT	470303	Industrial Mechanics and Maintenance Technology
Machine Maintenance Specialists	499043	Maintenance Workers, Machinery	Short-term OJT	470399	Heavy/Industrial Equipment Maintenance Technologies, Other
Machinists	514011	Computer-Controlled Machine Tool Operator, Metal and Plastic	Moderate-term OJT	480503	Machine Shop Technology/ Assistant
Machinists	514041	Machinists	Long-term OJT	480501	Machine Tool Technology/ Machinist
Machinists	514041	Machinists	Long-term OJT	480503	Machine Shop Technology/ Assistant
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	514031	Cutting, Punching, and Press Machine, Setters, Operators, and Tenders, Metal and Plastic	Moderate-term OJT	480501	Machine Tool Technology/ Machinist
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	514031	Cutting, Punching, and Press Machine, Setters, Operators, and Tenders, Metal and Plastic	Moderate-term OJT	480506	Sheet Metal Technology/ Sheetworking
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	514032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	Moderate-term OJT	480501	Machine Tool Technology/ Machinist
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	514033	Grinding, Lapping, Polishing, and Buffing Machine Setters, Operators, and Tenders, Metal and Plastic	Moderate-term OJT	480501	Machine Tool Technology/ Machinist
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	514033	Grinding, Lapping, Polishing, and Buffing Machine Setters, Operators, and Tenders, Metal and Plastic	Moderate-term OJT	480503	Machine Shop Technology/ Assistant
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	514034	Lathe and Turning Machine Setters, Operators, and Tenders, Metal and Plastic	Moderate-term OJT	480501	Machine Tool Technology/ Machinist
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	514081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	Moderate-term OJT	480501	Machine Tool Technology/ Machinist
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	514081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	Moderate-term OJT	480503	Machine Shop Technology/ Assistant
Printing Machine Operators	515021	Job Printers	Long-term OJT	100302	Printing Management (NEW)
Printing Machine Operators	515021	Job Printers	Long-term OJT	100305	Graphic and Printing Equipment Operator, General Production
Printing Machine Operators	515022	Prepress Technicians and Workers	Long-term OJT	100302	Printing Management (NEW)
Printing Machine Operators	515022	Prepress Technicians and Workers	Long-term OJT	100303	Prepress/Desktop Publishing and Digital Imaging Design
Printing Machine Operators	515022	Prepress Technicians and Workers	Long-term OJT	100305	Graphic and Printing Equipment Operator, General Production
Printing Machine Operators	515022	Prepress Technicians and Workers	Long-term OJT	100306	Platemaker/Imager
Printing Machine Operators	515022	Prepress Technicians and Workers	Long-term OJT	100399	Graphic Communications, Other (NEW)

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Printing Machine Operators	515022	Prepress Technicians and Workers	Long-term OJT	500409	Graphic Design (NEW)
Printing Machine Operators	515023	Printing Machine Operators	Moderate-term OJT	100302	Printing Management (NEW)
Printing Machine Operators	515023	Printing Machine Operators	Moderate-term OJT	100305	Graphic and Printing Equipment Operator, General Production
Printing Machine Operators	515023	Printing Machine Operators	Moderate-term OJT	100307	Printing Press Operator
Printing Machine Operators	515023	Printing Machine Operators	Moderate-term OJT	100399	Graphic Communications, Other (NEW)
Stationary Engineers and Boiler Operators	518021	Stationary Engineers and Boiler Operators	Long-term OJT	N/A	N/A
Tool and Die Makers	514111	Tool and Die Makers	Long-term OJT	480507	Tool and Die Technology/Technician
Welders	514121	Welders, Cutters, Solderers, and Brazers	Long-term OJT	480508	Welding Technology/Welder
Welders	514122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	Moderate-term OJT	480508	Welding Technology/Welder