APPROVED HIGH-DEMAND OCCUPATIONS FOR IOWA'S REGISTERED APPRENTICESHIP DEVELOPMENT FUND PROGRAM

2018 Standard Occupational Codes (SOC) codes based on U.S. Department of Labor Bureau of Labor and Statistics; definitions provided by: **https://www.bls.gov/soc/2018/soc_2018_manual.pdf**

Program Offered Program Not Eligible

ADVANCED MANUFACTURING PRODUCTION, INSTALLATION AND MAINTENANCE

CODE	DESCRIPTION															
49-2094	Electrical / Electronics Repairers, Commercial and Industrial Equipment															
49-3011	Aircraft Mechanics and Service Technicians															
49-3021	Automotive Body and Related Repairers															
49-3023	Automotive Service Technicians and Mechanics															
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists															
49-3041	Farm Equipment Mechanics and Service Technicians															
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers															
49-9041	Industrial Machinery Mechanics															
49-9043	Maintenance Workers, Machinery															
49-9044	Millwrights															
49-9051	Electrical Power-Line Installers and Repairers															
49-9052	Telecommunications Line Installers and Repairers															
49-9081	Wind Turbine Service Technicians															
49-9099	Installation Maintenance and Repair Workers, All Other															

ADVANCED MANUFACTURING PRODUCTION, INSTALLATION AND MAINTENANCE (PRODUCTION RELATED)

CODE	DESCRIPTION															
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic															
51-4012	Computer Numerically Controlled Tool Programmers, Metal and Plastic															
51-4111	Tool and Die Makers															
51-4121	Welders, Cutters, Solderers and Brazers															
51-4122	Welding, Soldering, Brazing Machine Setters, Operators and Tenders															
51-8031	Water and Wastewater Treatment Plant and System Operators															
51-9081	Dental Laboratory Technicians															

CONSTRUCTION AND ENGINEERING (ARCHITECTURAL)

CODE	DESCRIPTION
17-3011	Architectural and Civil Drafters
17-3013	Mechanical Drafters
17-3022	Civil Engineering Technicians
17-3023	Electrical and Electronic Engineering Technicians
17-3024	Electro-Mechanical Technicians
17-3029	Engineering Technicians, Except Drafters, All Other

CONSTRUCTION AND ENGINEERING (CONSTRUCTION)

CODE	DESCRIPTION
47-1011	Supervisors of Construction and Extraction Workers
47-2031	Carpenters
47-2073	Operating Engineers and Other Construction Equipment Operators
47-2111	Electricians
47-2152	Plumbers, Pipefitters and Steamfitters
47-2211	Sheet Metal Workers
47-2221	Structural Iron and Steel Workers

HEALTHCARE AND BIOSCIENCES (CHEMICAL & BIOLOGICAL)

CODE	DESCRIPTION
19-2041	Environmental Scientists and Specialists, Including Health
19-4021	Biological Technicians

HEALTHCARE AND BIOSCIENCES (BIOSCIENCES)

CODE	DESCRIPTION
45-1011	First-Line Supervisors of Farming, Fishing and Forestry Workers

HEALTHCARE AND BIOSCIENCES (HEALTH CARE RELATED)

CODE	DESCRIPTION
29-1126	Respiratory Therapists
29-1141	Registered Nurses
29-2011	Medical and Clinical Laboratory Technologists
29-2021	Dental Hygienists
29-2032	Diagnostic Medical Sonographers
29-2034	Radiologic Technologists
29-2041	Emergency Medical Technicians and Paramedics
29-2053	Psychiatric Technicians
29-2055	Surgical Technologists
29-2056	Veterinary Technologists and Technicians
29-2061	Licensed Practical and Licensed Vocational Nurses
29-2071	Medical Records and Health Information Technicians
29-2099	Health Technologists and Technicians, All Other
31-2011	Occupational Therapy Assistants
31-2021	Physical Therapist Assistants
31-9091	Dental Assistants
31-9092	Medical Assistants

INFORMATION TECHNOLOGY

CODE	DESCRIPTION
15-1121	Computer Systems Analysts
15-1131	Computer Programmers
15-1134	Web Developers
15-1142	Network and Computer Systems Administrators
15-1151	Computer User Support Specialists
15-1152	Computer Network Support Specialists
15-1199	Computer Occupations, All Other

MANAGEMENT, BUSINESS AND FINANCIAL OPERATIONS

CODE	DESCRIPTION
11-3071	Transportation, Storage and Distribution Managers
11-9013	Farmers, Ranchers and Other Agricultural Managers
11-9199	Managers, All Other
13-1021	Buyers and Purchasing Agents, Farm Products
13-2011	Accountants and Auditors
35-1011	Chefs and Head Cooks

TRANSPORTATION AND PROTECTIVE SERVICES (PROTECTIVE SERVICE RELATED)

CODE	DESCRIPTION
33-3051	Police and Sheriff's Patrol Officers

TRANSPORTATION AND PROTECTIVE SERVICES (TRANSPORTATION RELATED)

CODE	DESCRIPTION
53-2011	Airline Pilots, Copilots and Flight Engineers

QUESTIONS

For more information, contact Registered Apprenticeship Program Coordinator Kris Byam at 515-725-3663 or kristopher.byam@iwd.iowa.gov

COMMUNITY COLLEGE ABBREVIATIONS

DMACC - Des Moines Area Community College
EICC – Eastern Iowa Community College
HCC – Hawkeye Community College
ICCC – Iowa Central Community College
IHCC – Indian Hills Community College
ILCC – Iowa Lakes Community College
IVCC – Iowa Valley Community College
IWCC – Iowa Western Community College
KCC – Kirkwood Community College
NIACC – North Iowa Area Community College
NICC – Northeast Iowa Community College
NCC - Northwest Iowa Community College
SCC – Southeastern Community College
SWCC – Southwestern Community College
WITCC – Western Iowa Technical Community College