



# WESTERN OKLAHOMA WORKFORCE DEVELOPMENT BOARD

1222 10<sup>th</sup> Street, Suite 115, Woodward, OK 73801

## Workforce Innovation and Opportunity Act

### Science, Technology, Engineering & Math (STEM) Policy

**EQUAL OPPORTUNITY AND NONDISCRIMINATION STATEMENT:** All Recipients, and Sub-recipients /Subgrantees must comply with WIOA's Equal Opportunity and Nondiscrimination provisions which prohibit discrimination on the basis of race, color, religion, sex (including pregnancy, childbirth, and related medical conditions, transgender status, and gender identity), national origin (including limited English proficiency), age, disability, political affiliation or belief, or, for beneficiaries, applicants, and participants only, on the basis of citizenship status or participation in a WIOA Title-I financially assisted program or activity.



"Equal opportunity employment/program. Auxiliary aids and services are available upon request to individuals with disabilities."

## Purpose

To provide guidance and establish Western Oklahoma Workforce Development Board's (WOWDB) policy for identifying and promoting occupations in the fields of Science, Technology, Engineering and Math (STEM). This policy establishes the Western Oklahoma Workforce Development Board (WOWDB) goal to increase enrollment in STEM-related fields. This policy is established in accordance with applicable State and Federal laws, rules, and regulations.

## Effective Date

**WOWDB EC APPROVED 09.26.2023**

**\* This document shall supersede and replace all prior versions and understandings, oral or written, of the STEM Policy.**

**NOTE:** All WOWDB Policies and attachments are available for download at:

<https://wowdb.org/about-us/policies/>

**Legal Use of Federal Funds:** WIOA funds may not be used to help participants or employers fill positions that promote or support the use, possession, or distribution of marijuana.

## Background

The Workforce Innovation and Opportunity Act of 2014, in §134(F) establishes the requirement that "training services...shall be provided in a manner that maximizes consumer choice in the selection of an eligible provider of such services," and further establishes, in §134(G)(i) that "training services shall be provided through the use of individual training accounts...and shall be provided to eligible individuals through the one-stop delivery system."

## Policy

One of the measures of contract performance for the WOWDB's WIOA Service Provider is:

*"Clients Enrolled in STEM Related Training"*

This measure is defined as the number of WIOA Title I participants who enter training that is designed to support entry into a STEM Occupation, where "STEM" refers to Science, Technology, Engineering, or Mathematics.

The WOWDB Service Provider is responsible for career counseling and training geared toward introduction and identification of STEM occupation with eligible program participants.

WOWDB has developed our own definition of a STEM Occupation. There are two parts:

1. An occupation that is classified as "STEM" in the O\*Net Online database:  
<https://www.onetonline.org/find/stem>
2. An occupation that is otherwise recognized by WOWDB as a "STEM" occupation.

A complete list of STEM Occupations appear on the following pages.

**Browse STEM Occupations**

<b>Code</b>	<b>Occupation</b>	<b>Identified as STEM</b>
11-3021.00	Computer and Information Systems Managers	O*NET Online
11-9041.00	Architectural and Engineering Managers	O*NET Online
11-9041.01	Biofuels/Biodiesel Technology and Product Development Managers	O*NET Online
11-9111.00	Medical and Health Services Managers	O*NET Online
11-9121.00	Natural Sciences Managers	O*NET Online
11-9121.01	Clinical Research Coordinators	O*NET Online
11-9121.02	Water Resource Specialists	O*NET Online
15-1211.00	Computer Systems Analysts	O*NET Online
15-1211.01	Health Informatics Specialists	O*NET Online
15-1212.00	Information Security Analysts	O*NET Online
15-1221.00	Computer and Information Research Scientists	O*NET Online
15-1231.00	Computer Network Support Specialists	O*NET Online
15-1232.00	Computer User Support Specialists	O*NET Online
15-1241.00	Computer Network Architects	O*NET Online
15-1241.01	Telecommunications Engineering Specialists	O*NET Online
15-1242.00	Database Administrators	O*NET Online
15-1243.00	Database Architects	O*NET Online
15-1243.01	Data Warehousing Specialists	O*NET Online
15-1244.00	Network and Computer Systems Administrators	O*NET Online
15-1251.00	Computer Programmers	O*NET Online
15-1252.00	Software Developers	O*NET Online
15-1253.00	Software Quality Assurance Analysts and Testers	O*NET Online
15-1254.00	Web Developers	O*NET Online
15-1255.00	Web and Digital Interface Designers	O*NET Online
15-1255.01	Video Game Designers	O*NET Online
15-1299.00	Computer Occupations, All Other	O*NET Online
15-1299.01	Web Administrators	O*NET Online
15-1299.02	Geographic Information Systems Technologists and Technicians	O*NET Online
15-1299.03	Document Management Specialists	O*NET Online
15-1299.04	Penetration Testers	O*NET Online
15-1299.05	Information Security Engineers	O*NET Online
15-1299.06	Digital Forensics Analysts	O*NET Online
15-1299.07	Blockchain Engineers	O*NET Online
15-1299.08	Computer Systems Engineers/Architects	O*NET Online
15-1299.09	Information Technology Project Managers	O*NET Online

<b>15-2011.00</b>	Actuaries	O*NET Online
<b>15-2021.00</b>	Mathematicians	O*NET Online
<b>15-2031.00</b>	Operations Research Analysts	O*NET Online
<b>15-2041.00</b>	Statisticians	O*NET Online
<b>15-2041.01</b>	Biostatisticians	O*NET Online
<b>15-2051.00</b>	Data Scientists	O*NET Online
<b>15-2051.01</b>	Business Intelligence Analysts	O*NET Online
<b>15-2051.02</b>	Clinical Data Managers	O*NET Online
<b>15-2099.00</b>	Mathematical Science Occupations, All Other	O*NET Online
<b>15-2099.01</b>	Bioinformatics Technicians	O*NET Online
<b>17-1011.00</b>	Architects, Except Landscape and Naval	O*NET Online
<b>17-1012.00</b>	Landscape Architects	O*NET Online
<b>17-1021.00</b>	Cartographers and Photogrammetrists	O*NET Online
<b>17-1022.00</b>	Surveyors	O*NET Online
<b>17-1022.01</b>	Geodetic Surveyors	O*NET Online
<b>17-2011.00</b>	Aerospace Engineers	O*NET Online
<b>17-2021.00</b>	Agricultural Engineers	O*NET Online
<b>17-2031.00</b>	Bioengineers and Biomedical Engineers	O*NET Online
<b>17-2041.00</b>	Chemical Engineers	O*NET Online
<b>17-2051.00</b>	Civil Engineers	O*NET Online
<b>17-2051.01</b>	Transportation Engineers	O*NET Online
<b>17-2051.02</b>	Water/Wastewater Engineers	O*NET Online
<b>17-2061.00</b>	Computer Hardware Engineers	O*NET Online
<b>17-2071.00</b>	Electrical Engineers	O*NET Online
<b>17-2072.00</b>	Electronics Engineers, Except Computer	O*NET Online
<b>17-2072.01</b>	Radio Frequency Identification Device Specialists	O*NET Online
<b>17-2081.00</b>	Environmental Engineers	O*NET Online
<b>17-2111.00</b>	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	O*NET Online
<b>17-2111.02</b>	Fire-Prevention and Protection Engineers	O*NET Online
<b>17-2112.00</b>	Industrial Engineers	O*NET Online
<b>17-2112.01</b>	Human Factors Engineers and Ergonomists	O*NET Online
<b>17-2112.02</b>	Validation Engineers	O*NET Online
<b>17-2112.03</b>	Manufacturing Engineers	O*NET Online
<b>17-2121.00</b>	Marine Engineers and Naval Architects	O*NET Online
<b>17-2131.00</b>	Materials Engineers	O*NET Online
<b>17-2141.00</b>	Mechanical Engineers	O*NET Online
<b>17-2141.01</b>	Fuel Cell Engineers	O*NET Online
<b>17-2141.02</b>	Automotive Engineers	O*NET Online

<b>17-2151.00</b>	Mining and Geological Engineers, Including Mining Safety Engineers	O*NET Online
<b>17-2161.00</b>	Nuclear Engineers	O*NET Online
<b>17-2171.00</b>	Petroleum Engineers	O*NET Online
<b>17-2199.00</b>	Engineers, All Other	O*NET Online
<b>17-2199.03</b>	Energy Engineers, Except Wind and Solar	O*NET Online
<b>17-2199.05</b>	Mechatronics Engineers	O*NET Online
<b>17-2199.06</b>	Microsystems Engineers	O*NET Online
<b>17-2199.07</b>	Photonics Engineers	O*NET Online
<b>17-2199.08</b>	Robotics Engineers	O*NET Online
<b>17-2199.09</b>	Nanosystems Engineers	O*NET Online
<b>17-2199.10</b>	Wind Energy Engineers	O*NET Online
<b>17-2199.11</b>	Solar Energy Systems Engineers	O*NET Online
<b>17-3011.00</b>	Architectural and Civil Drafters	O*NET Online
<b>17-3012.00</b>	Electrical and Electronics Drafters	O*NET Online
<b>17-3013.00</b>	Mechanical Drafters	O*NET Online
<b>17-3019.00</b>	Drafters, All Other	O*NET Online
<b>17-3021.00</b>	Aerospace Engineering and Operations Technologists and Technicians	O*NET Online
<b>17-3022.00</b>	Civil Engineering Technologists and Technicians	O*NET Online
<b>17-3023.00</b>	Electrical and Electronic Engineering Technologists and Technicians	O*NET Online
<b>17-3024.00</b>	Electro-Mechanical and Mechatronics Technologists and Technicians	O*NET Online
<b>17-3024.01</b>	Robotics Technicians	O*NET Online
<b>17-3025.00</b>	Environmental Engineering Technologists and Technicians	O*NET Online
<b>17-3026.00</b>	Industrial Engineering Technologists and Technicians	O*NET Online
<b>17-3026.01</b>	Nanotechnology Engineering Technologists and Technicians	O*NET Online
<b>17-3027.00</b>	Mechanical Engineering Technologists and Technicians	O*NET Online
<b>17-3027.01</b>	Automotive Engineering Technicians	O*NET Online
<b>17-3028.00</b>	Calibration Technologists and Technicians	O*NET Online
<b>17-3029.00</b>	Engineering Technologists and Technicians, Except Drafters, All Other	O*NET Online
<b>17-3029.01</b>	Non-Destructive Testing Specialists	O*NET Online
<b>17-3029.08</b>	Photonics Technicians	O*NET Online
<b>17-3031.00</b>	Surveying and Mapping Technicians	O*NET Online
<b>19-1011.00</b>	Animal Scientists	O*NET Online
<b>19-1012.00</b>	Food Scientists and Technologists	O*NET Online
<b>19-1013.00</b>	Soil and Plant Scientists	O*NET Online
<b>19-1021.00</b>	Biochemists and Biophysicists	O*NET Online
<b>19-1022.00</b>	Microbiologists	O*NET Online

<b>19-1023.00</b>	Zoologists and Wildlife Biologists	O*NET Online
<b>19-1029.00</b>	Biological Scientists, All Other	O*NET Online
<b>19-1029.01</b>	Bioinformatics Scientists	O*NET Online
<b>19-1029.02</b>	Molecular and Cellular Biologists	O*NET Online
<b>19-1029.03</b>	Geneticists	O*NET Online
<b>19-1029.04</b>	Biologists	O*NET Online
<b>19-1031.00</b>	Conservation Scientists	O*NET Online
<b>19-1031.02</b>	Range Managers	O*NET Online
<b>19-1031.03</b>	Park Naturalists	O*NET Online
<b>19-1032.00</b>	Foresters	O*NET Online
<b>19-1041.00</b>	Epidemiologists	O*NET Online
<b>19-1042.00</b>	Medical Scientists, Except Epidemiologists	O*NET Online
<b>19-1099.00</b>	Life Scientists, All Other	O*NET Online
<b>19-2011.00</b>	Astronomers	O*NET Online
<b>19-2012.00</b>	Physicists	O*NET Online
<b>19-2021.00</b>	Atmospheric and Space Scientists	O*NET Online
<b>19-2031.00</b>	Chemists	O*NET Online
<b>19-2032.00</b>	Materials Scientists	O*NET Online
<b>19-2041.00</b>	Environmental Scientists and Specialists, Including Health	O*NET Online
<b>19-2041.01</b>	Climate Change Policy Analysts	O*NET Online
<b>19-2041.02</b>	Environmental Restoration Planners	O*NET Online
<b>19-2041.03</b>	Industrial Ecologists	O*NET Online
<b>19-2042.00</b>	Geoscientists, Except Hydrologists and Geographers	O*NET Online
<b>19-2043.00</b>	Hydrologists	O*NET Online
<b>19-2099.00</b>	Physical Scientists, All Other	O*NET Online
<b>19-2099.01</b>	Remote Sensing Scientists and Technologists	O*NET Online
<b>19-3011.00</b>	Economists	O*NET Online
<b>19-3011.01</b>	Environmental Economists	O*NET Online
<b>19-3022.00</b>	Survey Researchers	O*NET Online
<b>19-3032.00</b>	Industrial-Organizational Psychologists	O*NET Online
<b>19-3033.00</b>	Clinical and Counseling Psychologists	O*NET Online
<b>19-3034.00</b>	School Psychologists	O*NET Online
<b>19-3039.00</b>	Psychologists, All Other	O*NET Online
<b>19-3039.02</b>	Neuropsychologists	O*NET Online
<b>19-3039.03</b>	Clinical Neuropsychologists	O*NET Online
<b>19-3041.00</b>	Sociologists	O*NET Online
<b>19-3051.00</b>	Urban and Regional Planners	O*NET Online
<b>19-3091.00</b>	Anthropologists and Archeologists	O*NET Online
<b>19-3092.00</b>	Geographers	O*NET Online

<b>19-3094.00</b>	Political Scientists	O*NET Online
<b>19-3099.00</b>	Social Scientists and Related Workers, All Other	O*NET Online
<b>19-3099.01</b>	Transportation Planners	O*NET Online
<b>19-4012.00</b>	Agricultural Technicians	O*NET Online
<b>19-4012.01</b>	Precision Agriculture Technicians	O*NET Online
<b>19-4013.00</b>	Food Science Technicians	O*NET Online
<b>19-4021.00</b>	Biological Technicians	O*NET Online
<b>19-4031.00</b>	Chemical Technicians	O*NET Online
<b>19-4042.00</b>	Environmental Science and Protection Technicians, Including Health	O*NET Online
<b>19-4043.00</b>	Geological Technicians, Except Hydrologic Technicians	O*NET Online
<b>19-4044.00</b>	Hydrologic Technicians	O*NET Online
<b>19-4051.00</b>	Nuclear Technicians	O*NET Online
<b>19-4051.02</b>	Nuclear Monitoring Technicians	O*NET Online
<b>19-4061.00</b>	Social Science Research Assistants	O*NET Online
<b>19-4071.00</b>	Forest and Conservation Technicians	O*NET Online
<b>19-4092.00</b>	Forensic Science Technicians	O*NET Online
<b>19-4099.00</b>	Life, Physical, and Social Science Technicians, All Other	O*NET Online
<b>19-4099.01</b>	Quality Control Analysts	O*NET Online
<b>19-4099.03</b>	Remote Sensing Technicians	O*NET Online
<b>25-1021.00</b>	Computer Science Teachers, Postsecondary	O*NET Online
<b>25-1022.00</b>	Mathematical Science Teachers, Postsecondary	O*NET Online
<b>25-1031.00</b>	Architecture Teachers, Postsecondary	O*NET Online
<b>25-1032.00</b>	Engineering Teachers, Postsecondary	O*NET Online
<b>25-1041.00</b>	Agricultural Sciences Teachers, Postsecondary	O*NET Online
<b>25-1042.00</b>	Biological Science Teachers, Postsecondary	O*NET Online
<b>25-1043.00</b>	Forestry and Conservation Science Teachers, Postsecondary	O*NET Online
<b>25-1051.00</b>	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	O*NET Online
<b>25-1052.00</b>	Chemistry Teachers, Postsecondary	O*NET Online
<b>25-1053.00</b>	Environmental Science Teachers, Postsecondary	O*NET Online
<b>25-1054.00</b>	Physics Teachers, Postsecondary	O*NET Online
<b>25-1061.00</b>	Anthropology and Archeology Teachers, Postsecondary	O*NET Online
<b>25-1062.00</b>	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	O*NET Online
<b>25-1063.00</b>	Economics Teachers, Postsecondary	O*NET Online
<b>25-1064.00</b>	Geography Teachers, Postsecondary	O*NET Online
<b>25-1065.00</b>	Political Science Teachers, Postsecondary	O*NET Online
<b>25-1066.00</b>	Psychology Teachers, Postsecondary	O*NET Online
<b>25-1067.00</b>	Sociology Teachers, Postsecondary	O*NET Online
<b>25-1069.00</b>	Social Sciences Teachers, Postsecondary, All Other	O*NET Online

<b>25-1071.00</b>	Health Specialties Teachers, Postsecondary	O*NET Online
<b>25-1072.00</b>	Nursing Instructors and Teachers, Postsecondary	O*NET Online
<b>29-1011.00</b>	Chiropractors	O*NET Online
<b>29-1021.00</b>	Dentists, General	O*NET Online
<b>29-1022.00</b>	Oral and Maxillofacial Surgeons	O*NET Online
<b>29-1023.00</b>	Orthodontists	O*NET Online
<b>29-1024.00</b>	Prosthodontists	O*NET Online
<b>29-1029.00</b>	Dentists, All Other Specialists	O*NET Online
<b>29-1031.00</b>	Dietitians and Nutritionists	O*NET Online
<b>29-1041.00</b>	Optometrists	O*NET Online
<b>29-1051.00</b>	Pharmacists	O*NET Online
<b>29-1071.00</b>	Physician Assistants	O*NET Online
<b>29-1071.01</b>	Anesthesiologist Assistants	O*NET Online
<b>29-1081.00</b>	Podiatrists	O*NET Online
<b>29-1122.00</b>	Occupational Therapists	O*NET Online
<b>29-1122.01</b>	Low Vision Therapists, Orientation and Mobility Specialists, and Vision Rehabilitation Therapists	O*NET Online
<b>29-1123.00</b>	Physical Therapists	O*NET Online
<b>29-1124.00</b>	Radiation Therapists	O*NET Online
<b>29-1125.00</b>	Recreational Therapists	O*NET Online
<b>29-1126.00</b>	Respiratory Therapists	O*NET Online
<b>29-1127.00</b>	Speech-Language Pathologists	O*NET Online
<b>29-1128.00</b>	Exercise Physiologists	O*NET Online
<b>29-1129.00</b>	Therapists, All Other	O*NET Online
<b>29-1129.01</b>	Art Therapists	O*NET Online
<b>29-1129.02</b>	Music Therapists	O*NET Online
<b>29-1131.00</b>	Veterinarians	O*NET Online
<b>29-1141.00</b>	Registered Nurses	O*NET Online
<b>29-1141.01</b>	Acute Care Nurses	O*NET Online
<b>29-1141.02</b>	Advanced Practice Psychiatric Nurses	O*NET Online
<b>29-1141.03</b>	Critical Care Nurses	O*NET Online
<b>29-1141.04</b>	Clinical Nurse Specialists	O*NET Online
<b>29-1151.00</b>	Nurse Anesthetists	O*NET Online
<b>29-1161.00</b>	Nurse Midwives	O*NET Online
<b>29-1171.00</b>	Nurse Practitioners	O*NET Online
<b>29-1181.00</b>	Audiologists	O*NET Online
<b>29-1211.00</b>	Anesthesiologists	O*NET Online
<b>29-1212.00</b>	Cardiologists	O*NET Online
<b>29-1213.00</b>	Dermatologists	O*NET Online



<b>29-1214.00</b>	Emergency Medicine Physicians	O*NET Online
<b>29-1215.00</b>	Family Medicine Physicians	O*NET Online
<b>29-1216.00</b>	General Internal Medicine Physicians	O*NET Online
<b>29-1217.00</b>	Neurologists	O*NET Online
<b>29-1218.00</b>	Obstetricians and Gynecologists	O*NET Online
<b>29-1221.00</b>	Pediatricians, General	O*NET Online
<b>29-1222.00</b>	Physicians, Pathologists	O*NET Online
<b>29-1223.00</b>	Psychiatrists	O*NET Online
<b>29-1224.00</b>	Radiologists	O*NET Online
<b>29-1229.00</b>	Physicians, All Other	O*NET Online
<b>29-1229.01</b>	Allergists and Immunologists	O*NET Online
<b>29-1229.02</b>	Hospitalists	O*NET Online
<b>29-1229.03</b>	Urologists	O*NET Online
<b>29-1229.04</b>	Physical Medicine and Rehabilitation Physicians	O*NET Online
<b>29-1229.05</b>	Preventive Medicine Physicians	O*NET Online
<b>29-1229.06</b>	Sports Medicine Physicians	O*NET Online
<b>29-1241.00</b>	Ophthalmologists, Except Pediatric	O*NET Online
<b>29-1242.00</b>	Orthopedic Surgeons, Except Pediatric	O*NET Online
<b>29-1243.00</b>	Pediatric Surgeons	O*NET Online
<b>29-1249.00</b>	Surgeons, All Other	O*NET Online
<b>29-1291.00</b>	Acupuncturists	O*NET Online
<b>29-1292.00</b>	Dental Hygienists	O*NET Online
<b>29-1299.00</b>	Healthcare Diagnosing or Treating Practitioners, All Other	O*NET Online
<b>29-1299.01</b>	Naturopathic Physicians	O*NET Online
<b>29-1299.02</b>	Orthoptists	O*NET Online
<b>29-2011.00</b>	Medical and Clinical Laboratory Technologists	O*NET Online
<b>29-2011.01</b>	Cytogenetic Technologists	O*NET Online
<b>29-2011.02</b>	Cytotechnologists	O*NET Online
<b>29-2011.04</b>	Histotechnologists	O*NET Online
<b>29-2012.00</b>	Medical and Clinical Laboratory Technicians	O*NET Online
<b>29-2012.01</b>	Histology Technicians	O*NET Online
<b>29-2031.00</b>	Cardiovascular Technologists and Technicians	O*NET Online
<b>29-2032.00</b>	Diagnostic Medical Sonographers	O*NET Online
<b>29-2033.00</b>	Nuclear Medicine Technologists	O*NET Online
<b>29-2034.00</b>	Radiologic Technologists and Technicians	O*NET Online
<b>29-2035.00</b>	Magnetic Resonance Imaging Technologists	O*NET Online
<b>29-2036.00</b>	Medical Dosimetrists	O*NET Online
<b>29-2042.00</b>	Emergency Medical Technicians	O*NET Online
<b>29-2043.00</b>	Paramedics	O*NET Online

<b>29-2051.00</b>	Dietetic Technicians	O*NET Online
<b>29-2052.00</b>	Pharmacy Technicians	O*NET Online
<b>29-2053.00</b>	Psychiatric Technicians	O*NET Online
<b>29-2055.00</b>	Surgical Technologists	O*NET Online
<b>29-2056.00</b>	Veterinary Technologists and Technicians	O*NET Online
<b>29-2057.00</b>	Ophthalmic Medical Technicians	O*NET Online
<b>29-2061.00</b>	Licensed Practical and Licensed Vocational Nurses	O*NET Online
<b>29-2072.00</b>	Medical Records Specialists	O*NET Online
<b>29-2081.00</b>	Opticians, Dispensing	O*NET Online
<b>29-2091.00</b>	Orthotists and Prosthetists	O*NET Online
<b>29-2092.00</b>	Hearing Aid Specialists	O*NET Online
<b>29-2099.00</b>	Health Technologists and Technicians, All Other	O*NET Online
<b>29-2099.01</b>	Neurodiagnostic Technologists	O*NET Online
<b>29-2099.05</b>	Ophthalmic Medical Technologists	O*NET Online
<b>29-2099.08</b>	Patient Representatives	O*NET Online
<b>29-9021.00</b>	Health Information Technologists and Medical Registrars	O*NET Online
<b>29-9091.00</b>	Athletic Trainers	O*NET Online
<b>29-9092.00</b>	Genetic Counselors	O*NET Online
<b>29-9093.00</b>	Surgical Assistants	O*NET Online
<b>29-9099.00</b>	Healthcare Practitioners and Technical Workers, All Other	O*NET Online
<b>29-9099.01</b>	Midwives	O*NET Online
<b>41-4011.00</b>	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	O*NET Online
<b>43-3031.00</b>	Bookkeeping, Accounting, and Auditing Clerks	WOWDB Approved
<b>43-9111.01</b>	Bioinformatics Technicians	WOWDB Approved
<b>47-2031.00</b>	Carpenters	WOWDB Approved
<b>47-2111.00</b>	Electricians	WOWDB Approved
<b>49-3011.00</b>	Aircraft Mechanics and Service Technicians	WOWDB Approved
<b>49-9021.00</b>	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	WOWDB Approved
<b>49-9021.01</b>	Heating and Air Conditioning Mechanics and Installers	WOWDB Approved
<b>49-9021.02</b>	Refrigeration Mechanics and Installers	WOWDB Approved
<b>49-9051.00</b>	Electrical Power-Line Installers and Repairers	WOWDB Approved
<b>49-9052.00</b>	Telecommunications Line Installers and Repairers	WOWDB Approved
<b>49-9062.00</b>	Medical Equipment Repairers	WOWDB Approved
<b>51-2011.00</b>	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	WOWDB Approved
<b>51-4011.00</b>	Computer-Controlled Machine Tool Operators, Metal and Plastic	WOWDB Approved
<b>51-4034.00</b>	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	WOWDB Approved

<b>51-4121.00</b>	Welders, Cutters, Solderers, and Brazers	WOWDB Approved
<b>51-4121.06</b>	Welders, Cutters, and Welder Fitters	WOWDB Approved
<b>51-4121.07</b>	Solderers and Brazers Green Occupation	WOWDB Approved
<b>51-4122.00</b>	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	WOWDB Approved

### Authorization for Clarifications and Additions

The WOWDB Executive Director is authorized to issue additional instructions, guidance, approvals and/or forms to further implement the requirements of this policy, without making substantive change to the policy, except in situations when a new or updated state and federal guidance is issued.

### History

- 03.20.2019 - STEM Policy Adopted and approved
- 03.22.2023 - WOWDB EC Approved Updates made to codes with current 2023 data, accessibility requirements corrected and Attachment ZZ- Vital Service and Information Notice included.
- 09.26.2023 WOWDB EC Approved – Corrections to STEM Chart, adding Board Approved STEM not listed in O\*NET.

**Note\*** This document shall supersede and replace all prior versions and understandings, oral or written, of the STEM Policy.

### References

- O\*Net Online: <https://www.onetonline.org/find/stem?t=0>

### Attachments

**Attachment ZZ:** Vital Service and Information Notice

**NOTE:** All WOWDB Policies and attachments are available for download at: <https://wowdb.org/about-us/policies/>



## Vital Service and Information Notice

### Authorization for Clarifications and Additions

The WOWDB Executive Director is authorized to issue additional instructions, guidance, approvals and/or forms to further implement the requirements of policy, without making substantive change to the policy, except in situations when a new or updated state and federal guidance is issued.

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### If English is not your preferred language, please contact Equal Opportunity (EO) Officers:

#### Local EO Officer –

Venita McGuire  
Local Equal Opportunity Officer  
Western Oklahoma Workforce Development  
Board  
1222 10<sup>th</sup> St., Suite 115, Woodward, OK 73801  
580.256.8553 extension #2  
[eoofficer@wowdb.org](mailto:eoofficer@wowdb.org)

#### State EO Officer -

Karla Jackson  
State Equal Opportunity Officer  
Oklahoma Office of Workforce Development  
900 N. Stiles Ave.  
Oklahoma City, OK 73104  
Tel: 405.208.9620  
TTY: 711 or 800-722-0353  
Email: [eoofficer@okcommerce.gov](mailto:eoofficer@okcommerce.gov)

#### English

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#### Marshallese

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