NORTH DAKOTA
UNIVERSITY SYSTEM

The Vital Link to a Brighter Future

Application for STEM Occupations
Student Loan Forgiveness Program

Application year: May 1, 2010 - June 30, 2010

Note: This program was formerly administered under the title "Technology Occupations Student Loan Forgiveness program."

- **Follow instructions carefully**
- **Print or type**

- **Disclosure of your Social Security number is voluntary. Social Security numbers are used as an individual ID number for record keeping and administrative purposes. If you do not disclose your Social Security number, an individual ID number will be assigned. Failure to provide a social security number may cause delays in administrative services such as financial aid processing.**

- **Questions about the program or procedures for making application should be directed to Gina Padilla at 701.328.2964 or Peggy Wipf at 701.328.4114.**

General Information

Name (Last, First, Middle Initial)	Social Security No.	Daytime Phone No.
Present Mailing Address	City	State/Zip Code
Permanent Mailing Address (if different)	City	State/Zip Code

Education

Did you graduate from a campus STEM related major as defined in **Table 1**? ☐ Yes ☐ No   • **If yes, the Program CIP Code for that major is: __ __ . __ __ __ __**
List STEM Job Occupation Code **(Reference Table 2)**: __ __ - __ __ __ __   A degree from Table 1 is required for Table 2 occupations to qualify.
Did you have a cumulative grade point average of at least 2.5 on a 4.0 scale in your college studies?   ☐ Yes ☐ No **(Attach copy of final college transcript)**

Loan Information

Do you have an outstanding student loan obtained through the Bank of North Dakota as a lender or other participating lender? ☐ Yes ☐ No

- **If yes**, indicate which loan you wish to have reduced under this program: **(check only one)**

☐ FFEL Stafford (subsidized)	☐ William D. Ford Federal Direct Loan (subsidized)
☐ FFEL Stafford (unsubsidized)	☐ William D. Ford Federal Direct Loan (unsubsidized)
☐ FFEL Consolidated Loan	☐ William D. Ford Federal Direct Consolidated Loan
☐ Dakota Educational Alternative Loan (DEAL)	☐ Federal Perkins Loan

Amount owed on this loan:	as of : (Date)

If approved, I wish to have my loan forgiveness payment sent to the following holder of my student loan:		
Name of Financial Institution		Phone No.
Address	City	State/Zip Code

Statement of Certification an Authorization to be Completed by Applicant

I hereby certify that the information contained on this application is true and correct. I understand that I have the specific responsibility for applying for the STEM Occupations Student Loan Program **each year**. I also give my employer permission to release to the North Dakota University System any information that may be needed to verify the contents of my application, and for the North Dakota University System to share this information with the Bank of North Dakota or other participating lender to process payment of my outstanding loan.

_____

Signature of Applicant   **Date**

Statement of Certification by Personnel Director and/or CEO of Company

I hereby certify that _____ (name of applicant) with social security number of

_____ was employed full time with _____

_____(name and location of company in North Dakota) during the

period of _____ (list complete dates of employment, e.g. June 1,

2009 - May 31, 2010) in an occupation which can be classified as a STEM job occupation SOC code

number __ __ - __ __ __ __ as defined in Table 2.

_____

Printed **name and title** of authorized official   Daytime Phone Number

_____

Signature of authorized official   **Date**

Return application, certifications, and transcript to:

STEM Occupations Loan Forgiveness
North Dakota University System
600 E Boulevard Ave Dept 215
Bismarck ND 58505-0230

North Dakota University System - Table 1 STEM Program Areas and Codes
List of Active Programs 2009

(Derived from 2000 Draft CIP's, United States Department of Education)

CIP	Program Areas
01.0201	Agricultural Mechanization, General
	• Agricultural Systems Management – NDSU
01.0205	Agricultural Mechanics and Equipment/Machine Technology
	• John Deere Technology – NDSCS
01.0401	Agricultural and Food Products Processing
	• Cereal Science – NDSU
01.0901	Animal Sciences, General
	• Animal and Range Sciences – NDSU
01.1001	Food Science
	• Food Protection – NDSU
	• Food Science – NDSU
01.1102	Agronomy and Crop Science
	• Plant Sciences – NDSU
01.1103	Horticultural Science
	• Horticulture – NDSU
01.1105	Plant Protection and Integrated Pest Management
	• Plant Protection – NDSU
01.1201	Soil Science and Agronomy, General
	• Soil Science – NDSU
03.0101	Natural Resources/Conservation, General
	• Environmental Technology-Natural Resource Management – DCB
03.0103	Environmental Studies
	• Earth System Science and Policy – UND
03.0104	Environmental Science
	• Environmental Science – FBCC, SBC
03.0201	Natural Resources Management and Policy
	• Natural Resources Management – CCCC, NDSU

CIP	Program Areas
03.0508	Urban Forestry
	• Urban Forestry Technology – DCB
03.0601	Wildlife and Wildlands Science and Management
	• Fisheries and Wildlife Sciences – VCSU
	• Wildlife and Fisheries Technology – DCB
04.0201	Architecture
	• Architecture – NDSU
04.0401	Environmental Design/Architecture
	• Environmental Design – NDSU
04.0601	Landscape Architecture
	• Landscape Architecture – NDSU
11.0101	Computer and Information Sciences, General
	• Computer Information Systems – MaSU, NDSCS, UM, VCSU
	• Computer Science – DSU, JC, MiSU, UND
11.0103	Information Technology
	• Enterprise Application – VCSU
	• Information Technology – SBC
11.0199	Computer and Information Sciences, Other
	• Computer Systems Technology – DCB
11.0201	Computer Programming/Programmer, General
	• Computer Science Basic Programming – MiSU
	• Software Systems Design – RC
11.0301	Data Processing and Data Processing Technology/ Technician
	• Computer Technology Management – DSU
	• Information Processing Technician – WSC
	• Information Technology – MaSU

CIP	Program Areas
11.0401	Information Science/Studies
	• Information Science – UM
	• Virtual Business – MiSU
11.0501	Computer Systems Analysis/Analyst
	• Information Systems – UND
11.0701	Computer Science
	• Computer Science – NDSU
11.0801	Web Page, Digital/Multimedia and Information Resources Design
	• Desktop & Web publishing – MiSU
	• Multimedia Technologies – RC
	• Web Page Development and Design – BSC
11.0901	Computer Systems Networking and Telecommunications
	• Computer Applications – CCCC
	• Computer Support Specialist – BSC
	• Information Technology - Network Engineering – DCB
11.1002	System, Networking, and LAN/WAN Management/Manager
	• Computer Systems Specialist – WSC
11.1004	Web/Multimedia Management and Webmaster
	• Information Technology - Web Master – DCB
11.9999	Computer and Information Sciences and Support Services, Other
	• Computer Information System (BAS) – MaSU
	• Information Technology - Web Design – DCB
13.0501	Educational/Instructional Media Design
	• Instructional Design & Technology – UND
13.1309	Technology Teacher Education/ Industrial Arts Teacher Education
	• Education – VCSU

CIP	Program Areas
13.1309	Technology Teacher Education/ Industrial Arts Teacher Education
	• Technology Education – DSU, UND, VCSU
13.1311	Mathematics Teacher Education
	• Elementary Education/Mathematics – UND
	• Math Teacher Education – UM
	• Mathematics Education – DSU, JC, MaSU, MiSU, NDSU, VCSU
13.1316	Science Teacher Education/General Science Teacher Education
	• Composite Science Education – VCSU
	• Comprehensive Science Education – NDSU
	• Earth Science Education – MiSU, NDSU
	• Physical Science Education – MiSU
	• Science Education – MiSU, UND
	• Science Teacher Education – DSU
13.1319	Technical Teacher Education
	• Career and Technical Education – UND, VCSU
	• Technical Studies – LRSC
13.1322	Biology Teacher Education
	• Biological Education – NDSU
	• Biology Education – DSU, MiSU
	• Biology Teacher Education – JC, UM
	• Composite Biology Education – MaSU, VCSU
13.1323	Chemistry Teacher Education
	• Chemistry Education – DSU, JC, MiSU, NDSU
	• Composite Chemistry Education – MaSU, VCSU
13.1329	Physics Teacher Education
	• Composite Physical Science – MaSU

• Indicates programs known to exist in North Dakota. Students graduating from comparable programs in other states are eligible when students meet North Dakota residency and other requirements.

Acronyms: BSC = Bismarck State College, DCB = Dakota College at Bottineau, DSU = Dickinson State University, FBCC = Fort Berthold Community College, JC = Jamestown College, LRSC = Lake Region State College, MaSU = Mayville State University, MiSU = Minot State University, NDSCS = North Dakota State College of Science, NDSU = North Dakota State University, RC = Rasmussen College, TMCC = Turtle Mountain Community College, UM = University of Mary, UTTC = United Tribes Technical College, UND = University of North Dakota, VCSU = Valley City State University, WSC = Williston State College

CIP	Program Areas
13.1329	Physics Teacher Education
	• Physical Science Education – MaSU
	• Physics Education – MiSU, NDSU
14.0101	Engineering, General
	• Engineering – NDSU
	• Engineering Science – UM
14.0301	Agricultural/Biological Engineering and Bioengineering
	• Agricultural & Biosystems Engineering – NDSU
14.0701	Chemical Engineering
	• Chemical Engineering – UND
14.0801	Civil Engineering, General
	• Civil Engineering – NDSU, UND
14.0899	Civil Engineering, Other
	• Materials & Nanotechnology – NDSU
14.0901	Computer Engineering, General
	• Computer Engineering – NDSU
14.0903	Computer Software Engineering
	• Software Engr – NDSU
14.1001	Electrical, Electronics and Communications Engineering
	• Electrical & Comp Engr – NDSU
	• Electrical Engineering – NDSU, UND
14.1401	Environmental/Environmental Health Engineering
	• Environmental Engineering – NDSU
	• Environmental Geoscience – UND
14.1801	Materials Engineering
	• Materials & Nanotechnology – NDSU
14.1901	Mechanical Engineering
	• Mechanical Engineering – NDSU,UND
14.3301	Construction Engineering
	• Construction Engineering – NDSU
14.3501	Industrial Engineering
	• Industrial & Manufacturing Engr – NDSU
	• Industrial Engineering & Management – NDSU

CIP	Program Areas
14.3601	Manufacturing Engineering
	• Manufacturing Engineering – NDSU
14.3801	Surveying Engineering
	• Environmental Technology-Geographic Information Systems – DCB
14.3901	Geological/Geophysical Engineering
	• Geological Engineering – UND
14.9999	Engineering, Other
	• Engineering – UND
15.0000	Engineering Technology/General
	• Engineering Technician – BSC
15.0101	Architectural Engineering Technology/Technician
	• Architectural Drafting & Estimating Technology – NDSCS
15.0201	Civil Engineering Technology/Technician
	• Civil Engineering & Surveying Technology – NDSCS
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician
	• Electric Power Technology – BSC
	• Electrical Transmission Systems Technology – BSC
	• Electronics/Telecommunications Technology – BSC
15.0399	Electrical and Electronic Engineering Technologies/Technicians
	• Electrical Technology – NDSCS
	• Electronic Technology – NDSCS
15.0499	Electromechanical & Instrumentation and Maintenance Technologies/Technicians, Other
	• Instrumentation and Control Technologies – BSC
15.0501	Heating, Air Conditioning and Refrigeration Technology/Technician (ACH/ACR/ACHR/HRAC/HVAC/AC Technology
	• Heating, Ventilating, Air Conditioning & Refrigeration Technology – NDSCS
	• Refrigeration & Air Conditioning Technology – NDSCS

CIP	Program Areas
15.0503	Energy Management and Systems Technology/Technician
	• Energy Technician – SBC
15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician
	• Environmental Technology - Water Management – DCB
	• Water Quality Technology – DCB
15.0507	Environmental Engineering Technology/Environmental Technology
	• Environmental Technology-Laboratory & Field Technician – DCB
15.0612	Industrial Technology/Technician
	• Industrial Technology – UND
	• Process Plant Technology – BSC
15.0613	Manufacturing Technology/Technician
	• Automated Manufacturing Technician – NDSCS
15.0699	Industrial Production Technologies/Technicians, Other
	• Power Plant Technology – BSC
15.0701	Occupational Safety and Health Technology/Technician
	• Occupational Safety & Environmental Health – UND
15.0903	Petroleum Technology/Technician
	• Petroleum Production Technology – WSC
15.1001	Construction Engineering Technology/Technician
	• Construction Mgmt Tech – NDSCS
15.1102	Surveying Technology/Surveying
	• Geographic Information System Technician – BSC
15.1401	Nuclear Engineering Technology/Technician
	• Nuclear Power Technology – BSC
15.9999	Engineering Technologies/Technicians, Other
	• Energy Technology – FBCC
	• Nanoscience Technology – NDSCS
26.0101	Biology/Biological Sciences, General
	• Biological Sciences – NDSU

CIP	Program Areas
26.0101	Biology/Biological Sciences, General
	• Biology – DSU, JC, MaSU, MiSU, NDSU, UM, VCSU
	• Biology/Pre-Health – UND
26.0202	Biochemistry
	• Biochemistry – JC, NDSU, UND
26.0210	Biochemistry/Biophysics and Molecular Biology
	• Biochemistry & Molecular Biology – NDSU
26.0301	Botany/Plant Biology
	• Botany – NDSU
26.0305	Plant Pathology/Phytopathology
	• Plant Pathology – NDSU
26.0403	Anatomy
	• Anatomy – UND
26.0406	Cell/Cellular and Molecular Biology
	• Cellular & Molecular Biology – NDSU
26.0502	Microbiology, General
	• Microbiology – NDSU
26.0503	Medical Microbiology and Bacteriology
	• Microbiology – UND
26.0701	Zoology/Animal Biology
	• Zoology – NDSU
26.0702	Entomology
	• Entomology – NDSU
26.0709	Wildlife Biology
	• Fisheries & Wildlife Biology – UND
26.0801	Genetics, General
	• Genomics and Bioinformatics – NDSU
26.0910	Pathology/Experimental Pathology
	• Molecular Pathogenesis – NDSU
26.1001	Pharmacology
	• Pharmacology, Physiology and Therapeutics – UND
26.1201	Biotechnology
	• Biotechnology – NDSU
26.1305	Environmental Biology
	• Environmental & Conservation Sciences – NDSU

• Indicates programs known to exist in North Dakota. Students graduating from comparable programs in other states are eligible when students meet North Dakota residency and other requirements.

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CIP	Program Areas

26.9999 Biological and Biomedical Sciences, Other
- Science – FBCC
- Tribal Environmental Science – UTTC

27.0101 Mathematics, General
- Mathematics – DSU, FBCC, JC, MaSU, MiSU, NDSU, UM, UND, VCSU

27.0301 Applied Mathematics
- Applied Math, General – JC

27.0501 Statistics, General
- Applied Statistics – NDSU
- Statistics – NDSU

30.0101 Biological and Physical Sciences
- Math/Science Composite – UM

30.1101 Multi/Interdisciplinary Studies
- Gerontology – NDSU

40.0101 Physical Sciences
- Physical Science – MiSU, UND

40.0401 Atmospheric Sciences and Meteorology, General
- Atmospheric Sciences – UND
- Atmospheric Studies – UND

40.0501 Chemistry, General
- Chemistry – DSU, JC, MaSU, MiSU, NDSU, UND, VCSU

40.0507 Polymer Chemistry
- Coatings & Polymeric Materials – NDSU

40.0601 Geology/Earth Science, General
- Geology – MiSU, NDSU, UND

40.0801 Physics, General
- Physics – MiSU, NDSU, UND

41.0301 Chemical Technology/Technician
- Science Technology – NDSCS

41.9999 Science Technologies/Technicians, Other
- Bio-fuels Technology – NDSCS
- Nanoscience Technology – NDSCS

43.0106 Forensic Science and Technology
- Forensic Science – UND

46.0303 Lineworker
- Lineworker, Electrical – BSC

47.0101 Electrical/Electronics Equipment Installation & Repair, General
- Electrical Wiring – UTTC

47.0104 Computer Installation and Repair Technology/Technician
- Simulator Maintenance Technician – LRSC

47.0201 Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician
- Heating, Ventilation and Air Conditioning – BSC
- Mechanical Systems – NDSCS
- Plumbing – FBCC

47.0303 Industrial Mechanics and Maintenance Technology
- Mechanical Maintenance Technology – BSC

47.0604 Automobile/Automotive Mechanics Technology/Technician
- Automotive Service Technology – UTTC
- Automotive Technology – BSC, CCCC, LRSC, NDSCS, WSC

47.0605 Diesel Mechanics Technology/Technician
- Caterpillar Dealer Service Technician – NDSCS
- Diesel Technology – LRSC, NDSCS, WSC

47.0606 Small Engine Mechanics and Repair Technology/Technician
- Recreational Engines Technology – NDSCS

47.0699 Vehicle Maintenance and Repair Technologies, Other (some qualify)
- Automotive & Diesel Master Technician – NDSCS

48.0501 Machine Tool Technology/Machinist
- Machinist and Toolmaker – NDSCS

48.0508 Welding Technology/Welder
- Welding – BSC
- Welding & Basic Machining – LRSC

48.0508 Welding Technology/Welder
- Welding Technology – NDSCS

49.0101 Aeronautics/Aviation/Aerospace Science and Technology, General
- Aeronautical Studies – UND
- Aviation – UND

49.0102 Airline/Commercial/Professional Pilot and Flight Crew
- Commercial Aviation – UND

49.0104 Aviation/Airway Management and Operations
- Airport Management – UND
- Aviation Management – UND
- Aviation Systems Management – UND

49.0105 Air Traffic Controller
- Air Traffic Control – UND

49.0108 Flight Instructor
- Flight Education – UND

49.0199 Air Transportation, Other (some qualify)
- Space Studies – UND

51.0904 Emergency Medical Technology/Technician (EMT Paramedic)
- EMT Paramedic Technology – BSC

51.0907 Medical Radiologic Technology/Science - Radiation Therapist
- Radiologic Technology – JC, MiSU

51.0908 Respiratory Care Therapy/Therapist
- Respiratory Care – NDSU, UM

51.0909 Surgical Technology/Technologist
- Surgical Technology – BSC

51.0910 Diagnostic Medical Sonography/Sonographer and Ultrasound Technician

51.0911 Radiologic Technology/Science-Radiographer
- Radiologic Sciences – NDSU
- Radiologic Technology – UM

51.1002 Cytotechnology/Cytotechnologist
- Cytotechnology – UND

51.1004 Clinical/Medical Laboratory Technician
- Clinical Laboratory Technician – BSC
- Medical Laboratory Technician – RC

51.1005 Clinical Laboratory Science/Medical Technology/Technologist
- Clinical Laboratory Science – JC, MiSU, NDSU, UM, UND
- Clinical Laboratory Science Management – UND
- CLS Clinical Chemistry/Urinalysis – UND
- CLS Hematology/Homeostasis – UND
- CLS Immunohematology – UND
- CLS Microbiology – UND
- Medical Technology – JC

51.1099 Clinical/Medical Laboratory Science and Allied Professions, Other
- Phlebotomy Technician – BSC

52.0209 Transportation/Transportation Management
- Transportation & Logistics – NDSU

52.1201 Management Information Systems, General
- Information Systems – MiSU
- Information Technologies – LRSC
- Information Technology Management – RC
- Management Information Science – JC
- Management Information Systems – MiSU, NDSU, UM

52.1299 Management Information Systems and Services, Other (some qualify)
- Applied Business Information Technology – MiSU
- Information Systems Management – RC
- Knowledge Management – MiSU

• Indicates programs known to exist in North Dakota. Students graduating from comparable programs in other states are eligible when students meet North Dakota residency and other requirements.

North Dakota University System - Table 2. STEM Job Occupations and Codes

A degree from Table 1 is required for Table 2 occupations to qualify

(Derived from http://online.onetcenter.org/crosswalk/)

SOC	Occupation	SOC	Occupation	SOC	Occupation	SOC	Occupation
11-3011	Administrative Services Managers	17-2011	Aerospace Engineers	19-1020	Biologists	25-1021	Computer Science Teachers, Postsecondary
11-3021	Computer and Information Systems Managers	17-2021	Agricultural Engineers	19-1021	Biochemists and Biophysicists	25-1022	Mathematical Science Teachers, Postsecondary
11-3071	Storage and Distribution Managers	17-2031	Biomedical Engineers	19-1022	Microbiologists	25-1031	Architecture Teachers, Postsecondary
11-3071	Transportation Managers	17-2041	Chemical Engineers	19-1023	Zoologists and Wildlife Biologists	25-1032	Engineering Teachers, Postsecondary
11-9011	Crop and Livestock Managers	17-2051	Civil Engineers	19-1029	Biological Scientists, All Other	25-1041	Agricultural Sciences Teachers, Postsecondary
11-9011	Nursery and Greenhouse Managers	17-2061	Computer Hardware Engineers	19-1030	Conservation Scientists and Foresters	25-1042	Biological Science Teachers, Postsecondary
11-9012	Farmers and Ranchers	17-2071	Electrical Engineers	19-1031	Conservation Scientists	25-1043	Forestry and Conservation Science Teachers, Postsecondary
11-9021	Construction Managers	17-2072	Electronics Engineers, Except Computer	19-1031	Range Managers	25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary
11-9041	Engineering Managers	17-2081	Environmental Engineers	19-1031	Park Naturalists		
11-9121	Natural Sciences Managers	17-2111	Product Safety Engineers	19-1031	Soil and Water Conservationists		
11-9199	Managers, All Other	17-2111	Industrial Safety and Health Engineers	19-1032	Foresters	25-1052	Chemistry Teachers, Postsecondary
13-1051	Cost Estimators	17-2111	Fire-Prevention and Protection Engineers	19-1041	Epidemiologists	25-1053	Environmental Science Teachers, Postsecondary
13-1081	Logisticians	17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	19-1042	Medical Scientists, Except Epidemiologists	25-1054	Physics Teachers, Postsecondary
15-0000	Computer and Mathematical Science Occupations			19-1099	Life Scientists, All Other	25-1071	Health Specialties Teachers, Postsecondary
15-1011	Computer and Information Scientists, Research	17-2112	Industrial Engineers	19-2011	Astronomers	25-1081	Education Teachers, Postsecondary
15-1021	Computer Programmers	17-2121	Marine Engineers and Naval Architects	19-2012	Physicists	25-1194	Vocational Education Teachers, Postsecondary
15-1021	Computer Science Teachers, Postsecondary	17-2131	Materials Engineers	19-2021	Atmospheric and Space Scientists	25-2022	Middle School Teachers, Except Special and Vocational Education
15-1031	Computer Software Engineers, Applications	17-2141	Mechanical Engineers	19-2031	Chemists	25-2023	Vocational Education Teachers, Middle School
15-1032	Computer Software Engineers, Systems Software	17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	19-2032	Material Scientists	25-2031	Secondary School Teachers, Except Special and Vocational Education
15-1041	Computer Support Specialists	17-2161	Nuclear Engineers	19-2041	Environmental Scientists and Specialists, Including Health	25-2032	Vocational Education Teachers, Secondary School
15-1051	Computer Systems Analysts	17-2171	Petroleum Engineers	19-2042	Geoscientists, Except Hydrologists and Geographers	25-9011	Audio-Visual Collections Specialists
15-1061	Database Administrators	17-2199	Engineers, All Other	19-2043	Hydrologists	25-9031	Instructional Coordinators
15-1071	Computer Security Specialists	17-3021	Aerospace Engineering and Operations Technicians	19-2099	Physical Scientists, All Other	25-9099	Education, Training, and Library Workers, All Other
15-1071	Network and Computer Systems Administrators	17-3022	Civil Engineering Technicians	19-3099	Social Scientists and Related Workers, All Other	27-1014	Multi-Media Artists and Animators
15-1081	Network Systems and Data Communications Analysts	17-3023	Electrical Engineering Technicians	19-4011	Food Science Technicians	27-1024	Graphic Designers
15-1099	Computer Specialists, All Other	17-3023	Electrical and Electronic Engineering Technicians	19-4011	Agricultural Technicians	29-1124	Radiation Therapists
15-2011	Actuaries	17-3023	Electronics Engineering Technicians	19-4011	Agricultural and Food Science Technicians	29-1126	Respiratory Therapists
15-2021	Mathematicians	17-3024	Electro-Mechanical Technicians	19-4031	Chemical Technicians	29-2011	Medical and Clinical Laboratory Technologists
15-2031	Operations Research Analysts	17-3025	Environmental Engineering Technicians	19-4041	Geological and Petroleum Technicians	29-2012	Medical and Clinical Laboratory Technicians
15-2041	Statisticians	17-3026	Industrial Engineering Technicians	19-4051	Nuclear Technicians	29-2031	Cardiovascular Technologists and Technicians
15-2091	Mathematical Technicians	17-3027	Mechanical Engineering Technicians	19-4051	Nuclear Monitoring Technicians	29-2032	Diagnostic Medical Sonographers
15-2099	Mathematical Science Occupations, All Other	17-3029	Engineering Technicians, Except Drafters, All Other	19-4051	Nuclear Equipment Operation Technicians	29-2033	Nuclear Medicine Technologists
17-1011	Architects, Except Landscape and Naval	17-3031	Surveying Technicians	19-4091	Environmental Science and Protection Technicians, Including Health	29-2034	Radiologic Technologists
17-1012	Landscape Architects	17-3031	Mapping Technicians	19-4092	Forensic Science Technicians		
17-1021	Cartographers and Photogrammetrists	19-1011	Animal Scientists	19-4093	Forest and Conservation Technicians		
17-1022	Surveyors	19-1012	Food Scientists and Technologists	19-4099	Life, Physical, and Social Science Technicians, All Other		
		19-1013	Soil and Plant Scientists				

SOC	Occupation
29-2034	Radiologic Technologists and Technicians
29-2034	Radiologic Technicians
29-2041	Emergency Medical Technicians and Paramedics
29-2053	Psychiatric Technicians
29-2054	Respiratory Therapy Technicians
29-2055	Surgical Technologists
29-9011	Occupational Health and Safety Specialists
29-9012	Occupational Health and Safety Technicians
33-3031	Fish and Game Wardens
43-9011	Computer Operators
43-9031	Desktop Publishers
45-1011	First-Line Supervisors/Managers of Agricultural Crop and Horticultural Workers
45-1011	First-Line Supervisors/Managers of Animal Husbandry and Animal Care Workers
45-2011	Agricultural Inspectors
45-2021	Animal Breeders
45-4011	Forest and Conservation Workers
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers
47-4011	Construction and Building Inspectors
47-4021	Elevator Installers and Repairers
49-2011	Computer, Automated Teller, and Office Machine Repairers
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers
49-2091	Avionics Technicians
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles
49-3011	Aircraft Mechanics and Service Technicians
49-3023	Automotive Master Mechanics
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists
49-3041	Farm Equipment Mechanics
49-3051	Motorboat Mechanics
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics
49-3092	Recreational Vehicle Service Technicians

SOC	Occupation
49-9011	Mechanical Door Repairers
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers
49-9041	Industrial Machinery Mechanics
49-9043	Maintenance Workers, Machinery
49-9044	Millwrights
49-9045	Refractory Materials Repairers, Except Brickmasons
49-9051	Electrical Power-Line Installers and Repairers
49-9062	Medical Equipment Repairers
49-9069	Precision Instrument and Equipment Repairers, All Other
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers
49-9098	Helpers--Installation, Maintenance, and Repair Workers
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers
51-2022	Electrical and Electronic Equipment Assemblers
51-2023	Electromechanical Equipment Assemblers
51-2031	Engine and Other Machine Assemblers
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders
51-3092	Food Batchmakers
51-3093	Food Cooking Machine Operators and Tenders
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic
51-4012	Numerical Tool and Process Control Programmers
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic

SOC	Occupation
51-4041	Machinists
51-4111	Tool and Die Makers
51-4121	Solderers and Brazers
51-4121	Welders, Cutters, and Welder Fitters
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic
51-4192	Lay-Out Workers, Metal and Plastic
51-4199	Metal Workers and Plastic Workers, All Other
51-6062	Textile Cutting Machine Setters, Operators, and Tenders
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing
51-8011	Nuclear Power Reactor Operators
51-8012	Power Distributors and Dispatchers
51-8013	Power Plant Operators
51-8031	Water and Liquid Waste Treatment Plant and System Operators
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers
51-9011	Chemical Equipment Operators and Tenders
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders
51-9141	Semiconductor Processors
51-9196	Paper Goods Machine Setters, Operators, and Tenders
53-1011	Aircraft Cargo Handling Supervisors
53-2011	Airline Pilots, Copilots, and Flight Engineers
53-2012	Commercial Pilots

SOC	Occupation
53-2021	Air Traffic Controllers
53-2022	Airfield Operations Specialists
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians