ND career builders

LOAN REPAYMENT PROGRAM

2020 High Need and Emerging Occupations & Qualifying Programs List

The 2020 High-Need and Emerging Occupations List was compiled by ND Workforce Development Council and Job Service ND. The 2020 list will be used for eligibility determination for loan repayment from 7/1/2020 – 6/30/2022. Qualifying programs may be any degree from a ND college or university that relate to the high-need and emerging occupations. ND Career Builders is a public-private partnership and therefore, for each $1 of state dollars awarded to a recipient, at least $1 of private dollars must exist. Individuals interested in the loan repayment should review the program details at https://ndus.edu/career-builders/.

- Applicants must hold a qualifying certificate or degree from a ND institution (see Section 2).
- Applicants must be working in a qualifying occupation (see Section 1).
- Applicants must be hired into their current position as of 2019 or later.
- Employment and residence must be within North Dakota for consideration.
- Applicants must hold a balance on a qualifying, non-defaulted student loan.
- Applicants must have matching "private sector" dollars to be considered. The private-sector matching funds may be from an employer or other business entity.
- ***What steps should you take?***
  Step 1: Check to see if applicant's position is identified in **SECTION 1** (2020 High-Need and Emerging Occupations List.)
  Step 2: Check to see if applicant holds a qualifying certificate or degree from **SECTION 2** (Qualifying Programs of Study).
  Step 3: Employers, employees and/or potential new hires should discuss options for the private-sector matching dollars.
  Step 4: Complete the ND Career Builders Loan Repayment Application located at https://ndus.edu/career-builders/

SECTION 1 - 2020 High-Need and Emerging Occupations List			
("*" occupations that will be valid for ND Career Builder consideration only through 6/30/2021; "^" occupations added in 2020)			
Accountant & Auditor	Dental Hygienist	Licensed Practical Nurse	*Power Plant Operator
Actuaries	Diagnostic Medical Sonographer	Maintenance & Repair Worker	Preschool Teachers, Except Special Education
*Air Traffic Controller	Electrical Engineers	Management Analyst	Radiologic Technologist
Aircraft Mechanics and Service Technicians	^Electrical and Electronic Engineering Technician	Market Research Analyst & Marketing Specialist	Registered Nurse
Bus & Truck Mechanic	Electrical Powerline Installer & Repairer	Marketing Manager	^Sales Agent, Securities, Commodities & Financial
*Cardiovascular Technologist & Technician	Electrician	Mechanical Engineer	^Sales Engineer
Carpenter	Elementary & Middle School Teacher	Medical & Clinical Lab Technologist/Technician	Sales Representative, Technical & Scientific
Child, Family, & School Social Worker	Environmental Scientist & Specialist	Medical & Health Services Manager	Secondary School Teacher
Childcare Workers	Farm Equipment Mechanic & Service Technician	Mining & Geological Engineer	Social & Community Services Manager
Clinical Data Managers	Financial Analyst	Mobile Heavy Equipment Mechanic	Software Developer (Applications)
Commercial Pilots	Financial Manager	MRI Technologist	Software Developer (Systems)
^Compensation and Benefits Manager	Firefighter	Nurse Assistant	Software Quality Assurance Engineers and Testers
Computer & Information Systems Manager	Gas Plant Operator	*Occupational Therapy Assistant	^Soil & Plant Scientist
Computer Network Support Specialist	General & Operations Manager	Operations Research Analyst	^Special Education Teacher (K-12)
Computer Programmers	*Health Technologist & Technician	Personal Financial Advisors	Substance Abuse & Behavioral Disorder Counselor
Computer System Analyst	Heating, Ventilation, Air Conditioning Technician	Petroleum Engineer	*Surgical Technologist
Computer User Support Specialist	Heavy & Tractor Trailer Truck Driver	Petroleum Pump System Operator/Refinery Operator/Gaugers	^Training and Development Specialist
Construction Building Inspectors	^Human Resources Specialist	Physical Therapist Assistant	Transportation Engineers
Construction Manager	Industrial Machinery Mechanic	Plumber, Pipefitter, & Steamfitter	*Web Developer
*Crane and Tower Operators	Information Security Analyst	Police Patrol Officers	Welder
Database Administrators	^Intelligence Analysts	*Power Distributor & Dispatcher	Wind Turbine Technician

SECTION 2 - 2020 Qualifying Programs of Study
Qualifying programs may be certificate or degree and must be earned from a North Dakota institution. List may not be all-inclusive.

Accountancy	Business Management	Data Entry Specialist	Floral Design and Greenhouse Technology	Land Surveying & Civil Engineering Tech	Practical Nurse
Accounting	Business Marketing	Data Science	French Education	Law Enforcement	Practical Nursing
Accounting Technician	Business Process Integration Mgt	Dental Assisting	Geography Education	Licensed Practical Nurse Training	Precision Agriculture
Addiction Studies	Business Studies	Dental Hygiene	Geological Engineering	Lineworker (Electrical)	Precision Machining Technology
Admin Assistant / General	Business Studies–Financial Plan/Wealth Mgt	Diagnostic Medical Sonography	Geology	Management	Pre-Engineering
Admin Assistant / Legal	Business Studies-Industrial Management	Diesel Technology	Geographic Info Systems Tech	Management (Entrepreneurship)	Process Plant Technology
Administration	Career and Technical Education major	Digital Design	German	Management Information Systems	Professional Driver Training – CDL
Administration - Accounting Track	Caregiver Services	Early Childhood	Graphic Design	Managerial Finance and Accounting	Psychology
Administrative Assistant	Carpentry	Early Childhood Education	Graphic Design and Communications	Manufacturing Engineering	Public Health Education
Administrative Assistant / General	Carpentry (Residential)	Early Childhood Education (non-public)	Graphic Design Technology	Marketing	Radiologic Science
Administrative Assistant / Medical	Caterpillar Dealer Service	Early Childhood Education and Teaching	Health and Fitness Administration	Mathematics	Radiologic Technology
Administrative Assistant and Office Mgt	Certified Nurse Assistant	Earth Science	Health and Fitness Management	Mathematics Education	Range Science
Advertising and Marketing	Chemistry	Earth Science Education	Health Education	Mechanical Engineering	Registered Nursing
Agricultural & Biosystems Engineering	Chemistry Education	Economics	Health Information	Mechanical Maintenance Technology	Rehabilitation and Human Services
Agricultural Farm Business Mgt	Child Development Associate	Education (Elementary/Secondary)	Health Information Management	Mechanical Systems	Respiratory care
Agricultural Sales and Service	Choral Music Education	Education with Major in Special Ed	Health Information Technician	Medical Administrative Assistant	Robotics,Automation & Mechatronics Tech
Agriculture	Civil Engineering	Electric Power Technology	Health, Physical Education, & Recreation	Medical Assistant	Science
Agriculture Business and Industry	Clinical Lab Science	Electrical Engineering	Health Science	Medical Billing and Coding	Secondary Education
Agriculture Industry and Technology (Agronomy)	Clinical/Medical Lab Technician	Electrical Technician	Health Services	Medical Coding	Shielded Metal Arc Welding
Agriculture Management & Technology	COC-Geographic Info Sys Tech	Electrical Technology	Heating, Ventilation and Air Conditioning	Medical Laboratory Science	Simulation Technology
Air Traffic Management	Commercial Aviation	Electrical Transmission System Technology	Heavy Duty Diesel Technician	Medical Laboratory Technician	Simulator Maintenance Technician
Application Software Specialist	Commercial Vehicle Operation	Electrician	Heavy Duty Vehicle Systems	Medical Transcription	Small Business Management
Applied Business Information Technology	Communications	Electronics Technology	Heavy Equipment Operator	Metal Inert Gas Welding Process	Social Science
Architectural Drafting and Estimating Technology	Communication Arts Education	Electronics/Telecomm Technology	History Education	Middle Level Education	Social Science Education
Associate Degree Nurse	Communication Studies-HR Mgt	Elementary Education	Horticulture	Music Education	Social Work
Auto and Diesel Master Technician	Communication Studies-Online	Elementary Education w/Special Needs	HS Addiction Studies	Natural Resource Management	Software Engineering
Auto Body Repair and Refinishing Technology	Journalism & Social Media	Eligibility Worker	HS Social Work	Natural Science	Soil Science
Auto Technology-Electrical/Chassis	Community Health Worker	Emergency Management	Human Development & Family Science	Network Administrator	Spanish
Automotive Collision Technology	Composite Biology Education	Emergency Medical Services (EMS)	Human Resources Management	Network Systems Administration	Spanish Education
Automotive Mechanics Technology/Techs	Composite Business Education	Emergency Response	Human Resources and Organizational Leadership	New Media and Web Design	Special Education
Automotive Technology	Composite Chemistry Education	EMT Paramedic Technology	Human and Social Services	Nuclear Power Technology	Specialty Crop Production
Automotive Technology-Engine Performance/AC	Composite Music Education	Energy Economics and Finance	Human Services	Nursing; Nurse Assistant	Sports and Leisure Management
Aviation Management	Composite Science Education	Energy Management	HVAC; HVAC/R Technology	Occupational Therapist Assistant	Surgical Technology
Aviation Studies	Composite Social Science Education	Energy Services and Renewable Technician	Industrial Engineering & Management	Occupational Therapy	Sustainable Agriculture & Food System
Banking and Financial Economics	Composite Social Studies Education	English Education	Industrial Management	Office Technology	Teacher Education
Basic Heavy-Duty Vehicle Maintenance	Computer Engineering	Engineering	Information Analytics	Operations and Supply Chain Management	Technical Studies
Behavioral Health	Computer Information Systems	Engineering Technology	Information and Communications Technology	Paramedic (EMT) Technology	Technology Education
Biochemistry	Computer Information Technology	Enterprise Applications	Information Assurance	Paramedic Technology	Transportation Technician Technology
Biochemistry and Molecular Biology	Computer Programming	Entrepreneurship	Information Management-Accountant Tech	Paraprofessional Education Early Childhood	Truck/Bus Driver/Commercial Vehicle
Bioinformatics and Computational Biology	Computer Programming Certificate	Environmental Design	Information Management – Admin Assistant	Patient Access Specialist	Operator
Biology	Computer Science	Environmental Engineering	Information Processing Specialist	Peace Officer	Unmanned Aircraft Systems (UAS)
Biological Sciences	Computer Science Basic Programming	Environmental Geoscience	Information Systems	Petroleum Engineering	Urban Forestry Management
Biological Education	Computer Support Specialist	Environmental Health	Information Technology	Petroleum Production Technology	Visual Arts
Biology / Professional Health	Computer Technology Management	Environmental Science	Information Technology-Computer Office Mgt	Pharmacy Technician	Water and Wastewater Technology
Biology Science Education	Concrete Technology	Environmental Studies	Information Technology - Computerized Office Mgt	Phlebotomy Technician	Web Design
Biology Teacher Education	Construction Mgt & Technology	Environmental Technology-Lab& Field Tech	Information Technology - Web Design	Physical Education	Web Development
Bookkeeping	Construction Trades, Other	Environmental Technology-Nat Resource Mgt	Information Technology - Webmaster	Physical Therapy	Web Management
Botany	Crane and Tower Operators	Farm and Ranch Mgt (Agribusiness Mgt)	Instrumentation and Control Technology	Physics Education	Web Page Development and Design
Building Construction Technology	Criminal Justice	Farm and Ranch Mgt (Farm/Ranch Mgt)	Instrumental Music Education	Plumbing	Welding
Building Trades	Cyber Security	Finance	Interdisciplinary Health Studies	Plumbing Technician	Welding & Basic Machining
Business Administration	Cyberpsychology	Financial Planning	Investments	Police Management & Investigation	Welding Technology
Business Administration & Mgt, General	Cybersecurity & Computer Networks	Financial Planning & Wealth Management	John Deere Ag Tech	Political Science	Welding Technology/Welder
Business Economics	Cybersecurity & Information Technology	Fisheries & Wildlife Science	Land Management	Power Plant Technology	Wildlife and Fisheries Technology
Business Education	Data Analytics Technician	Fisheries & Wildlife Biology		Powersports Technology	Wind Energy Technician