

# North Dakota's 16 Career Clusters

The Career Clusters organize virtually all occupations around 16 broad categories. Occupations within each cluster require similar skills and knowledge. The following chart lists the 16 clusters as well as some occupations within each cluster. Many more occupations may be found at [www.RUReadyND.com](http://www.RUReadyND.com).



Production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources. Examples of occupations ... *Agricultural Sales, Golf Course Superintendents, Wildlife Biologists, Agricultural Teachers, Range Managers*



Designing, planning, managing, building and maintaining the built environment. Examples of occupations ... *Architects, Carpenters, Urban Planners/Designers, General Contractors, Plumbers/Pipe Fitters*



Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. Examples of occupations ... *Technical Computer Support Technicians, Web Page Designers, Fashion Illustrators, Makeup Artists and Costume Designers, Publishers, Editors*



Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Career opportunities are available in every sector of the economy. Examples of occupations ... *Entrepreneurs, Sports and Entertainment Managers, Budget Analysts, Certified Public Accountants, Corporate Trainers, E-Commerce Analysts, Medical Transcriptionists, Paralegals*



Planning, managing and providing education and training services, and related learning support services. Examples of occupations ... *Instructional Media Designers, School Superintendents, Teacher Aides, Pre-school Teachers, College Professors, Child Care Directors*



Planning, services for financial and investment planning, banking, insurance, and business financial management. Examples of occupations ... *Controllers, Loan Officers, Credit Analysts, Mutual Fund Managers, Underwriters*



Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels. Government and Public Administration occupations may be found within other cluster posters. Examples of occupations ... *Federal or State Representative or Senators, Lobbyists, Infantry Officers and Specialists, Special Operations, Ambassadors, Internal Revenue Investigators, Bank Examiners, City Managers*



Planning, managing, and providing therapeutic, diagnostic, and support services; as well as biotechnology research and development. Examples of occupations ... *Dietitians, Cardio Vascular Technologists, Medical Assistants, Lab Technicians, Molecular Biologists, Toxicologists, Research Scientists*



Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services. Examples of occupations ... *Maitre' ds, Wine Stewards, Executive Housekeepers, Concierges, Events Managers, Resort Trainers & Instructors*



Preparing individuals for employment in career pathways related to families and human needs. Examples of occupations ... *Nannies, School and Career Development Counselors, Religious Leaders, Barbers, Estheticians, Funeral Directors, Customer Service Representatives*



Building linkages in IT occupations framework; for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services. Examples of occupations ... *Network Engineers, Database Analysts, Digital Media Designers, Web Specialists, Applications Engineers*



Planning, managing, and providing legal, public safety, and protective services; also providing homeland security, including professional and support services. Examples of occupations ... *Warden, Correctional Officers, EMT, Firefighter, Industrial Espionage Security, Bomb Technicians, Paralegals*



Planning, managing and performing the processing of materials into intermediate or final products; also related professional and technical support activities such as production planning and control, maintenance and manufacturing/ process engineering. Examples of occupations ... *Welders, Tool and Die Makers, Millwrights, Laser Systems Technicians, Instrument Makers, Calibration Technicians*



Planning, managing, and performing marketing activities to reach organizational objectives. Examples of occupations ... *Marketing Specialists, Real Estate Appraisers, Media Buyers, Market Analysts, Buyers, Sales Agents, Manufacturers Representatives*



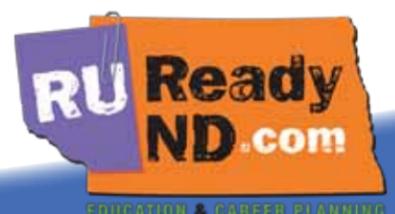
Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services. Examples of occupations ... *Hazardous Waste Engineers, Acoustic Engineers, Nanotechnologists, Structural Engineers, Aerospace Engineers, Data Engineers, Atmospheric Scientists, Geologists, Nuclear Technicians*



Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance. Examples of occupations ... *Flight Attendants, Pilots, Logistics Managers, Warehouse Managers, Airframe and Power Plant Mechanics, Avionics Technicians, Air Traffic Controllers, Safety Analysts*



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