CAREER PATHS IN AGRICULTURE AND FOOD INDUSTRY

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Environmental Engineers \$48.12

Veterinarians \$52.43

Environmental Scientists and Specialists, including Health \$38.14

1-2 YEAR COLLEGE DEGREE (OR CREDENTIAL)

Diesel Engine Specialists \$29.44

Farm Equipment
Mechanics and Service
Technicians
\$30.03

July 2024

Environmental Science and Protection Technicians, including Health \$25.79



HIGH SCHOOL DIPLOMA OR GED AND/ OR EXPERIENCE

Butchers and Meat Cutters \$22.62

Waste and Wastewater Treatment Plant and Systems Operators

\$32.97

Farmworkers and Laborers, Crop, Nursery, and Greenhouse \$17.63

Agricultural Equipment Operators

\$24.16



WHY CHOOSE A CAREER IN AG?

Agricultural production and processing in Minnesota plays a huge role in the state's economy. Minnesota ranks fifth in the nation in agricultural production at \$16.7 billion. The state's agriculture industry exports \$7.1 billion worth of goods each year. Minnesota also ranks in the top five for multiple agriculture categories such as first in turkeys raised, second in hogs, third in soybeans and first in sugar beet processing.



Provided for you by the Minnesota Rural Career Counseling Coordinators (RC3 Grant)



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View videos of career paths in the agriculture and food industry: www.careeronestop.org/Videos/CareerVideos/career-videos.aspx

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AGRICULTURE AND FOOD INDUSTRY

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Environmental Engineers
Research, design, plan, or
perform engineering duties in
the prevention, control, and
remediation of environmental
hazards using various
engineering disciplines. Work
may include waste treatment,
site remediation, or pollution
control technology.

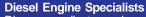
Environmental Scientists and Specialists, including Health Conduct research or perform investigation for the purpose of identifying, abating, or eliminating sources of pollutants or hazards that affect either the environment or the health of the population. Using knowledge of various scientific disciplines, may collect, synthesize, study, report, and recommend action based on data derived from measurements or observations of air, food, soil, water, and other sources.

Veterinarians

Diagnose, treat, or research diseases and injuries of animals. Includes veterinarians who conduct research and development, inspect livestock, or care for pets and companion animals.







Diagnose, adjust, repair, or overhaul buses and trucks, or maintain and repair any type of diesel engines. Includes mechanics working primarily with automobile or farm equipment and construction diesel engines.

Farm Equipment Mechanics and Service Technicians Diagnose, adjust, repair, or overhaul farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems.

Environmental Science and Protection Technicians, Including Health

Perform laboratory and field tests to monitor the environment and investigate sources of pollution, including those that affect health, under the direction of an environmental scientist, engineer, or other specialist. May collect samples of gases, soil, water, and other materials for testing.



HIGH SCHOOL DIPLOMA OR GED AND/ OR EXPERIENCE

Butchers and Meat Cutters

Cut, trim, or prepare consumer-sized portions of meat for use or sale in retail establishments.

Waste and Wastewater Treatment Plant and System Operators

Operate or control an entire process or system of machines, often through the use of control boards, to transfer or treat water or wastewater.

Farmworkers and Laborers, Crop, Nursery, and
Greenhouse Plan, direct, or coordinate the management
or operation of farms, ranches, greenhouses, aqua cultural
operations, nurseries, timber tracts, or other agricultural
establishments. May hire, train, and supervise farm workers
or contract for services to carry out the
day-to-day activities of the managed operation. May engage
in or supervise planting, cultivating, harvesting, and financial
and marketing activities.

Agricultural Equipment Operators Drive and control farm equipment to till soil and to plant, cultivate, and harvest crops. May perform tasks, such as crop baling or hay bucking. May operate stationary equipment to perform post-harvest tasks, such as husking, shelling, threshing, and ginning.





CAREER PATHS IN ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS





4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Agents & Business Managers of Artists, Performers, & Athletes

\$23.02

Editors

\$29.12

Producers & Directors

\$32.11

News Analysts, Reporters, & Journalists

\$17.39

Writers & Authors \$34.67









HIGH SCHOOL DIPLOMA OR EQUIVALENT

Printing Press Operators \$22.54

Print Binding \$23.04 Telecommunications Line Installers & Repairers \$28.83





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View videos of workers in these occupations: https://www.careeronestop.org/videos/careervideos/career-videos.aspx

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Agents and Business Managers of Artists, Performers, and Athletes Represent and promote artists, performers, and athletes in dealings with current or prospective employers. May handle contract negotiation and other business matters for clients.

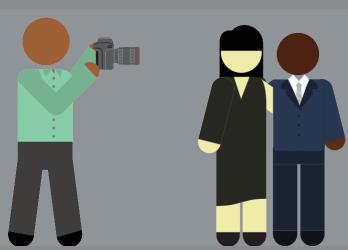
Editors Plan, coordinate, or edit content of material for publication. May review proposals and drafts for possible publication. Includes technical editors.

Producers & Directors Produce or direct stage, television, radio, video, or motion picture productions for entertainment, information, or instruction. Responsible for creative decisions, such as interpretation of script, choice of actors or guests, set design, sound, special effects, and choreography.

News Analysts, Reporters, & Journalists Collect and analyze facts about newsworthy events by interview, investigation, or observation. Report and write stories for newspaper, news magazine, radio, or television.

Writers & Authors Originate and prepare written material, such as scripts, stories, advertisements, and other material. Excludes "Public Relations Specialists" (27-3031) and "Technical Writers" (27-3042).





HIGH SCHOOL DIPLOMA OR EQUIVALENT

Printing Press Operators Set up and operate digital, letterpress, lithographic, flexographic, gravure, or other printing machines. Includes short-run offset printing presses.

Print Binding and Finishing Workers Bind books and other publications or finish printed products by hand or machine. May set up binding and finishing machines.

Telecommunications Line Installers and Repairers Install and repair telecommunications cable, including fiber optics.



CAREER PATHS IN BUSINESS **SERVICES**

SOME COLLEGE OR 1-2 YEAR COLLEGE DEGREE

Bookkeeping, Accounting, and Auditing Clerk \$24.61

Executive Secretary and Administrative Executive \$36.15

Supervisor of Office and Administrative Support Workers \$35.05

> Loan Officer \$40.54

Secretary and Administrative Assistant \$23.91

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Accountant and Auditor \$38.52

Computer and Information **System Manager**

\$83.28

Computer Systems Analyst \$52.96

> Financial Manager \$74.37

Human Resources Manager

\$70.82

Market Research **Analyst**

\$38.89

Training and Development Specialist

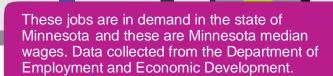
\$37.47

HIGH SCHOOL DIPLOMA OR EQUIVALENT

Billing and Posting Clerk \$24.97

Loan Interviewer and Clerk \$24.06

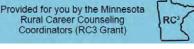
Teller \$19.19



WHY CHOOSE A CAREER IN BUSINESS?

- It is a practical choice
- It is easier to switch to a different job mid-career
- · Business careers can offer more opportunities for advancement
- Earn a great income
- Opportunities exist in all industries

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View additional information regarding career paths in business services: https://www.careeronestop.org/

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Accountant and Auditor Examine, analyze, and interpret accounting records to prepare financial statements, give advice or audit and evaluate statements prepared by others.

Computer and Information System Manager Plan, direct or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.

Computer Systems Analyst Analyze science, engineering, business, and other data processing problems to implement and improve computer systems. Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations. May analyze or recommend commercially available software.

Financial Manager Plan, direct or coordinate accounting, investing, banking, insurance, securities, and other financial activities of a branch, office or department of an establishment.

Human Resources Manager Plan, direct or coordinate human resource activities and staff of an organization.

Market Research Analyst Research market conditions in local, regional or national areas or gather information to determine potential sales of a product or service or create a marketing campaign. May gather information on competitors, prices, sales, and methods of marketing and distribution.

Training and Development Specialist Design and conduct training and development programs to improve individual and organizational performance.



CAREER PATHS IN



SOME COLLEGE OR 1-2 YEAR COLLEGE DEGREE

Bookkeeping, Accounting, and Auditing Clerk Compute, classify, and record numerical data to keep financial records complete.

Executive Secretary and Executive
Administrative Provide high-level administrative support by conducting research, preparing statistical reports, handling information requests, and performing clerical functions such as preparing correspondence, receiving visitors, arranging conference calls, and scheduling meetings. May also train and supervise lower-level clerical staff.

First-Line Supervisor of Office and Administrative Support Workers Directly supervise and coordinate the activities of clerical and administrative support workers.

Loan Officer Evaluate, authorize or recommend approval of commercial, real estate or credit loans. Advise borrowers on financial status and payment methods.

Secretary and Administrative Assistant Secretaries and administrative assistants perform routine clerical and administrative duties. They organize files, prepare documents, schedule appointments, and support other staff.





HIGH SCHOOL DIPLOMA OR EQUIVALENT

Billing and Posting Clerk Compile, compute, and record billing, accounting, statistical, and other numerical data for billing purposes. Prepare billing invoices for services rendered or for delivery or shipment of goods.

Loan Interviewer and Clerk Interview loan applicants to elicit information; investigate applicants' backgrounds and verify references; prepare loan request papers; and forward findings, reports, and documents to appraisal department. Review loan papers to ensure completeness, and complete transactions between loan establishment, borrowers, and sellers upon approval of loan.

Teller Receive and pay out money. Keep records of money.

CAREER PATHS IN CONSTRUCTION





Architectural & Engineering Manager \$82.67

Civil Engineer \$49.23

Construction Manager \$51.40

1-2 YEAR COLLEGE DEGREE OR APPRENTICESHIP

Carpenter \$30.91

Electrician \$38.50

Heating, Air Conditioning, & Refrigeration
Mechanic & Installer
\$32.94

Plumber, Pipefitter, & Steamfitter \$39.43



HIGH SCHOOL DIPLOMA OR GED / ON-THE-JOB TRAINING



First Line Construction Worker Supervisor \$45.78

Cement Mason/ Concrete Finisher \$31.94 Operation Engineer/
Construction
Equipment Operator
\$37.67

Highway Maintenance Worker \$28.25 Construction Laborer \$27.45

Painter, Construction, & Maintenance \$28.76

These jobs are in demand in Minnesota and these are Minnesota median wages. Data collected from Department of Employment and Economic Development.



WHY CHOOSE A CAREER IN CONSTRUCTION?



- · Fulfilling career choice
- Abundant opportunities
- Feel a sense of accomplishment
- Make an impact on your community
- Stay in shape
- Earn a great income







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View videos of construction workers in these occupations: www.careeronestop.org/Videos/CareerVideos/career-videos.aspx

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CAREER PATHS IN CONSTRUCTION



MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

ARCHITECTURAL & ENGINEERING MANAGER

Plan, direct or coordinate activities in such fields as architecture, engineering or research and development.

CIVIL ENGINEER Perform engineering duties in planning, designing, and overseeing construction and maintenance of building structures, and facilities, such as roads, railroads, airports, bridges, harbors, channels, dams, irrigation projects, pipelines, power plants, and water and sewage systems. Includes architectural, structural, traffic, ocean, and geo-technical engineers.

CONSTRUCTION MANAGER Plan, direct or coordinate, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems. Participate in the conceptual development of a construction project and oversee its organization, scheduling, budgeting, and implementation. Includes managers in specialized construction fields, such as carpentry or plumbing.

1-2 YEAR COLLEGE DEGREE OR APPRENTICESHIP

CARPENTER

Construct, erect, install or repair structures and fixtures made of wood, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors. May also install cabinets,

siding, drywall and batt or roll insulation.

ELECTRICIAN

Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems or electrical control systems.

HEATING, AIR CONDITIONING & REFRIGERATION MECHANIC AND INSTALLER

Install or repair heating, central air conditioning or refrigeration systems, including oil burners, hotair furnaces, and heating stoves.

PLUMBER, PIPEFITTER, & STEAMFITTER

Assemble, install, alter, and repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases. May install heating and cooling equipment and mechanical control systems. Includes sprinkler fitters.

HIGH SCHOOL DIPLOMA OR GED AND / OR EXPERIENCE

FIRST LINE CONSTRUCTION WORKER SUPERVISOR

Direct construction personnel. Coordinate construction project activities. Review blueprints. Inspect equipment.

OPERATING ENGINEER / OTHER CONSTRUCTION EQUIPMENT

OPERATOR Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors or front-end loaders to excavate, move, and grade earth, erect structures or

pour concrete or other hard surface pavement. May repair and maintain equipment in addition to other duties.

CONSTRUCTION LABORER

Perform tasks involving physical labor at construction sites. May operate hand / power tools such as air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instruments. May clean and prepare sites, dig trenches, and set braces to support the sides of excavations.

CEMENT MASON / CONCRETE

FINISHER Smooth and finish surfaces of poured concrete, such as floors, walks, sidewalks, roads, or curbs using a variety of hand and power tools. Align forms for sidewalks, curbs, or gutters; patch voids; and use saws to cut expansion joints.

HIGHWAY MAINTENANCE

WORKER Maintain highways, municipal and rural roads, airport runways, and rights-of-way. Duties include patching broken or eroded pavement, repairing guard rails, highway markers, and snow fences. May also mow or clear brush from along roads or plow snow from roadway.

PAINTER, CONSTRUCTION, &

MAINTENANCE Paints walls, equipment, buildings, bridges, and other structural surfaces using brushes, rollers, and spray guns. May remove old paint to prepare surface prior to painting. May mix colors or oils to obtain desired color or consistency.

CAREER PATHS IN EDUCATION

DOCTORAL OR MASTER'S DEGREE

School Psychologist \$40.90

Education Administrator

– Elementary & Secondary

\$125.079

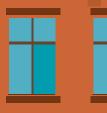
Educational, Guidance, School, and Vocational Counselor \$30.04

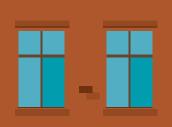
Speech/Language Pathologist \$41.50

4-YEAR COLLEGE DEGREE

Elementary School Teacher \$65.016

Secondary School Teacher \$67,623 Special Education Teacher – Kindergarten & Elementary \$64,635





ASSOCIATE'S DEGREE OR CERTIFICATE

Licensed Practical and Licensed Vocational Nurse \$29.15

Secretary and Administrative Assistant, except Legal, Medical, and Executive \$23.91

SCHOOL



HIGH SCHOOL DIPLOMA OR GED AND/OR EXPERIENCE/ ON-THE-JOB TRAINING

hool or Teaching
ial Client Assistant \$39,416

Cook - Institution and Cafeteria \$19.29

WHY CHOOSE A CAREER IN EDUCATION?

Choosing education as a career allows you to make a lasting difference in students' lives. Each day you are able to work with inquisitive young minds, inspiring and motivating them to achieve their potential. Educators can work with students at the pre-school level all the way through adult education; they can make an impact in the classroom and/or choose more of an administrative role. Is a career in Education right for you?



These jobs are in demand in the state of Minnesota and these are Minnesota median wages. Data collected from Department of Employment and Economic Development.







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View videos of career paths in education: www.careeronestop.org/Videos/CareerVideos/career-videos.aspx

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DOCTORAL OR MASTER'S DEGREE

School Psychologist Investigate processes of learning and teaching and develop psychological principles and techniques applicable to educational problems.

Education Administrator – Elementary & Secondary Plan, direct or coordinate the academic, administrative or auxiliary activities of public or private elementary or secondary level schools.

Educational, Guidance, School, and Vocational Counselor Counsel individuals and provide group educational and vocational guidance services.

Speech-Language Pathologist
Assess and treat persons with speech,
language, voice, and fluency disorders.
May select alternative communication
systems and teach their use. May
perform research related to speech
and language problems.

CAREER PATHS IN EDUCATION



Elementary School Teacher

Teach students basic academic, social, and other formative skills in public or private schools at the elementary level.

Secondary School Teacher \$64,806 Teach students in one or more subjects, such as English, mathematics or social studies at the secondary level in public or private schools. May be designated according to subject matter specialty. **Special Education Teacher – Kindergarten** & Elementary Teach elementary school subjects to educationally and physically handicapped students. Includes teachers who specialize and work with audibly and visually handicapped students as well as those who teach basic academic and life processes skills to the mentally impaired.

ASSOCIATE'S DEGREE OR CERTIFICATE

Licensed Practical and Licensed Vocational Nurse Care for ill, injured or convalescing patients or persons with disabilities in hospitals, nursing homes, clinics, private homes and institutions. May work under the supervision of a registered nurse. Licensing required.

Secretary and Administrative Assistant, Except Legal, Medical, and Executive Perform routine clerical and administrative functions such as drafting correspondence, organizing and maintaining paper and electronic files or providing information to callers.

HIGH SCHOOL DIPLOMA OR GED AND/OR EXPERIENCE/ON-THE-JOB TRAINING

Bus Driver, School or Special Client

Transport students or special clients, such as the elderly or persons with disabilities. Ensure adherence to safety rules. May assist passengers in boarding or exiting.

Cook – Institution and Cafeteria Prepare and cook large quantities of food for institutions, such as schools, hospitals or cafeterias. Teacher Assistant Perform duties that are instructional in nature or deliver direct services to students or parents. Serve in a position for which a teacher has ultimate responsibility for the design and implementation of educational programs and services.

CAREER PATHS IN Government and Public Administration





Emergency Management Directors \$44.57

Compliance Officers \$39.30

Property Appraisers and Assessors \$38.26

Financial Examiners \$43.11 Urban and Regional Planners \$42.27

Occupational Health and Safety Specialists \$43.96

Statistical Assistants \$29.41



These jobs are in demand in Minnesota and these are Minnesota median wages. Data collected from Department of Employment and Economic Development.



HIGH SCHOOL DIPLOMA OR EQUIVALENT

Occupational Health and Safety Technicians \$34.46

Court, Municipal, and License Clerks \$25.38 Eligibility Interviewers, Government Programs \$30.87

Transportation Inspectors \$43.90



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situations.

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Emergency Management Directors
Plan and direct disaster response or
crisis management activities, provide
disaster preparedness training, and prepare
emergency plans and procedures for natural
(e.g., hurricanes, floods, earthquakes),
wartime, or technological (e.g., nuclear
power plant emergencies or hazardous
materials spills) disasters or hostage

Compliance Officers Examine, evaluate, and investigate eligibility for or conformity with laws and regulations governing contract compliance of licenses and permits, and perform other compliance and enforcement inspection and analysis activities not classified elsewhere.

Property Appraisers and AssessorsAppraise real property and estimate its fair value. May assess taxes in accordance with prescribed schedules.

Financial Examiners Enforce or ensure compliance with laws and regulations governing financial and securities institutions and financial and real estate transactions. May examine, verify, or authenticate records.

Urban and Regional Planners

Develop comprehensive plans and programs for use of land and physical facilities of jurisdictions, such as towns, cities, counties, and metropolitan areas.

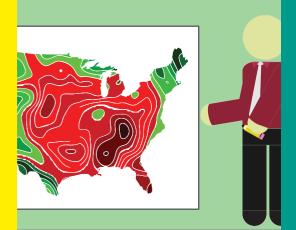
Occupational Health and Safety

Specialists Review, evaluate, and analyze work environments and design programs and procedures to control, eliminate, and prevent disease or injury caused by chemical, physical, and biological agents or ergonomic factors. May conduct inspections and enforce adherence to laws and regulations governing the health and safety of individuals. May be employed in the public or private sector. Includes environmental protection officers.

Statistical Assistants Compile and compute data according to statistical formulas for use in statistical studies. May perform actuarial computations and compile charts and graphs for use by actuaries. Includes actuarial clerks.







HIGH SCHOOL DIPLOMA OR EQUIVALENT

Occupational Health and Safety Technicians Collect data on work environments for analysis by occupational health and safety specialists. Implement and conduct evaluation of programs designed to limit chemical, physical, biological, and ergonomic risks to workers.

Court, Municipal, and License Clerks Perform clerical duties for courts of law, municipalities, or governmental licensing agencies and bureaus. May prepare docket of cases to be called; secure information for judges and court; prepare draft agendas or bylaws for town or city council; answer official correspondence; keep fiscal records and accounts; issue licenses or permits; and record data, administer tests, or collect fees.

Eligibility Interviewers, Government Programs

Determine eligibility of persons applying to receive assistance from government programs and agency resources, such as welfare, unemployment benefits, social security, and public housing.

Transportation Inspectors

Inspect equipment or goods in connection with the safe transport of cargo or people. Includes rail transportation inspectors, such as freight inspectors; rail inspectors; and other inspectors of transportation vehicles, not elsewhere classified.

CAREER PATHS IN HEALTH CARE

MASTER'S DEGREE

Nurse Practitioner **\$64.88**

Physician Assistant **\$65.03**

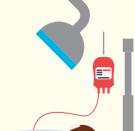
4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Dietitians and Nutritionists \$35.99

Medical and Health Services Manager \$55.88 Mental Health and Substance Abuse Counselor

\$32.64





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ASSOCIATE'S DEGREE* OR POSTSECONDARY NON-DEGREE AWARD**

Radiologic Technologist* \$38.73

Registered Nurse* \$48.19

Surgical Technologist* \$36.06

Licensed Practical and Licensed Vocational Nurse** \$29.05 Medical Assistant** **\$24.23**

Nursing Assistant** **\$20.79**

HIGH SCHOOL DIPLOMA OR GED / ON-THE-JOB TRAINING

Optician, Dispensing \$22.13

Pharmacy Technician \$23.32



These jobs are in demand in the state of Minnesota and these are Minnesota median wages. Data collected from Department of Employment and Economic Development.

WHY CHOOSE A CAREER IN HEALTH CARE?

According to DEED's 2020-2030 Employment projections, Minnesota is projected to see an additional 66,144 replacement and net new openings for healthcare practitioners and technical occupations, an increase of 8.1%, while an additional 141,270 replacement and net new openings in healthcare support are projected, an 18.6% increase. In all, openings in the two healthcare categories are projected to make up 14% of the total job openings projected for this time period. Because of this healthy projected growth and large numbers of labor market exits to replace, there are many health care-related occupations that will see a future need, at every education level and are also in high demand according to DEED's Occupations in Demand.







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View additional information regarding career paths in health care: https://www.careeronestop.org/site-search.aspx?keyword=healthcare

MASTER'S DEGREE

NURSE PRACTITIONER Diagnose and treat acute, episodic or chronic illness, independently or as part of a healthcare team. May focus on health promotion and disease prevention. May order, perform or interpret diagnostic tests such as lab work and X rays. May prescribe medication. Must be registered nurses who have specialized graduate education.

PHYSICIAN ASSISTANT Provide healthcare services typically performed by a physician, under the supervision of a physician. Conduct complete physicals, provide treatment, and counsel patients. May, in some cases, prescribe medication. Must graduate from an accredited educational program for physician assistants.

CAREER PATHS IN HEALTH CARE





4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

DIETITIANS AND NUTRITIONISTS Plan and conduct food service or nutritional programs to assist in the promotion of health and control of disease. May supervise activities of a department providing quantity food services, counsel individuals, or conduct nutritional research.

MEDICAL AND HEALTH SERVICES MANAGER Plan, direct or coordinate medical and health services in hospitals, clinics, managed care organizations, public health agencies or similar organizations.

MENTAL HEALTH AND SUBSTANCE ABUSE COUNSELOR Counsel and advise individuals, families, or groups to prevent or treat substance abuse problems, behavioral disorders, or a broad range of mental health issues in order to promote optimum mental and emotional health.

ASSOCIATE'S DEGREE* OR POSTSECONDARY NON-DEGREE AWARD**

RADIOLOGIC TECHNOLOGIST*

Take X rays and CAT scans or administer nonradioactive materials into patient's blood stream for diagnostic purposes. Includes technologists who specialize in other scanning modalities.

REGISTERED NURSE* Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent or disabled patients. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required.

SURGICAL TECHNOLOGIST*

Assist in operations, under the supervision of surgeons, registered nurses or other surgical personnel. May help set up operating room, prepare and transport patients for surgery, adjust lights and equipment, pass instruments and other supplies to surgeons and surgeon's assistants, hold retractors, cut sutures, and help count sponges, needles, supplies, and instruments.

LICENSED PRACTICAL AND LICENSED VOCATIONAL NURSE** Care for ill, injured or convalescing patients or persons with disabilities in hospitals, nursing homes, clinics, private homes, group homes, and similar institutions. May work under the supervision of a registered

nurse. Licensing required.

MEDICAL ASSISTANT** Perform administrative and certain clinical duties under the direction of a physician. Schedule appointments, maintain medical records, bill and code information for insurance purposes as well as take and record vital signs and medical histories, prepare patients for an exam, draw blood, and administer medications as directed by physician.

NURSING ASSISTANT** Provide basic patient care under direction of nursing staff. Feed, bathe, dress, groom or move patients or change linens. May transfer or transport patients. Includes nursing care attendants, nursing aides, and nursing attendants.



HIGH SCHOOL DIPLOMA OR GED / ON-THE-JOB TRAINING

OPTICIANS, DISPENSING Design, measure, fit, and adapt lenses and frames for client according to written optical prescription or specification. Assist client with inserting, removing, and caring for contact lenses as well as selecting frames. Measure customer for size of eyeglasses and coordinate frames with facial and eye measurements and optical prescription. Prepare work order for optical laboratory containing instructions for grinding and mounting lenses in frames. Verify exactness of finished lens spectacles. Adjust frame and lens position to fit client. May shape or reshape frames.

PHARMACY TECHNICIAN Prepare medications under the direction of a pharmacist. May measure, mix, count out, label, and record amounts and dosages of medications according to prescription orders.

CAREER PATHS IN Hospitality & Tourism



Curator **\$31.47**

Museum
Technicians and
Conservators
\$20.13

HIGH SCHOOL DIPLOMA OR EQUIVALENT

Food Service Managers \$35.67

Meeting, Convention, and Event Planners \$25.36

Chefs and Head Cooks \$28.46

First-Line Supervisors/
Managers of Food
Preparation and Serving
Workers
\$21.39

Cooks, Institution and Cafeteria \$19.29

Cooks, Restaurant \$18.58

Food Preparation Workers \$16.75

Bartenders \$13.05

Waiters and Waitresses \$13.76

Supervisors of Housekeeping and Janitorial workers \$24.07

Janitors and Cleaners \$18.61

Maids and Housekeeping Cleaners \$17.39

Bakers \$18.66





These jobs are in demand in Minnesota and these are Minnesota median wages. Data collected from Department of Employment and Economic Development.





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View videos of workers in these occupations: https://www.careeronestop.org/videos/careervideos/career-videos.aspx



CAREER PATHS IN Hospitality & Tourism

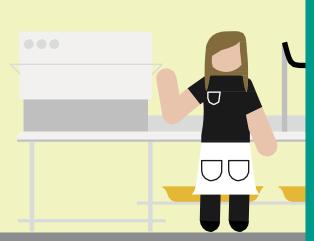
4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Curator Administer collections, such as artwork, collectibles, historic items, or scientific specimens of museums or other institutions. May conduct instructional, research, or public service activities of institution.

Museum Technicians and Conservators Restore, maintain, or prepare objects in museum collections for storage, research, or exhibit. May work with specimens such as fossils, skeletal parts, or botanicals; or artifacts, textiles, or art. May identify and record objects or install and arrange them in exhibits. Includes book or document conservators.









HIGH SCHOOL DIPLOMA OR EQUIVALENT

Food Service Managers Plan, direct, or coordinate activities of an organization or department that serves food and beverages.

Meeting, Convention, and Event Planners Coordinate activities of staff, convention personnel, or clients to make arrangements for group meetings, events, or conventions.

Chefs and Head Cooks

Direct and may participate in the preparation, seasoning, and cooking of salads, soups, fish, meats, vegetables, desserts, or other foods. May plan and price menu items, order supplies, and keep records and accounts.

First-Line Supervisors/Managers of Food Preparation and Serving Workers Directly supervise and coordinate work activities of workers engaged in preparing and serving food.

Cooks, Institution and Cafeteria Prepare and cook large quantities of food for institutions, such as schools, hospitals, or cafeterias.

Cooks, Restaurant

Prepare, season, and cook dishes such as soups, meats, vegetables, or desserts in restaurants. May order supplies, keep records and accounts, price items on menu, or plan menu.

Food Preparation Workers

Perform a variety of food preparation duties other than cooking, such as preparing cold foods and shellfish, slicing meat, and brewing coffee or tea.

Bartenders Mix and serve drinks to patrons, directly or through wait staff.

Waiters and Waitresses

Take orders and serve food and beverages to patrons at tables in dining establishments.

First-Line Supervisors of Housekeeping and Janitorial workers Directly supervise and coordinate work activities of cleaning personnel in hotels, hospitals, offices, and other establishments.

Janitors and Cleaners

Keep buildings in clean and orderly condition. Perform heavy cleaning duties, such as cleaning floors, shampooing rugs, washing walls and glass, and removing rubbish. Duties may include tending furnace and boiler, performing routine maintenance activities, notifying management of need for repairs, and cleaning snow or debris from sidewalk.

Maids and Housekeeping Cleaners

Perform any combination of light cleaning duties to maintain private households or commercial establishments, such as hotels and hospitals, in a clean and orderly manner. Duties may include making beds, replenishing linens, cleaning rooms and halls, and vacuuming.

Bakers

Mix and bake ingredients to produce breads, rolls, cookies, cakes, pies, pastries, or other baked goods.

CAREER PATHS IN HUMAN SERVICES

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Social & Community Service Managers \$39.35

Clinical, Counseling, & School Psychologists \$50.10

Rehabilitation Counselors \$22.73

Child, Family, and School Social Workers \$33.22

Mental Health & Substance Abuse Social Workers \$32.64



1-2 YEAR DEGREE AND/OR EQUIVALENT EXPERIENCE

Massage Therapist \$31.11

Hairdressers, Hair Stylists, & Cosmetologists \$17.24 Manicurists and Pedicurists \$17.91

HIGH SCHOOL DIPLOMA OR EQUIVALENT

Social & Human Service Assistants \$22.54

Community Health Workers \$24.15

Personal & Home Care Aides \$17.07 Child Care Workers \$15.65

Fitness Trainers & Aerobics Instructors \$23.60









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4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Social & Community Service Managers Plan, direct, or coordinate the activities of a social service program or community outreach organization.

Clinical, Counseling, & School Psychologists Diagnose and treat mental disorders; learning disabilities; and cognitive, behavioral, and emotional problems, using individual, child, family, and group therapies.

Rehabilitation Counselors Counsel individuals to maximize the independence and employability of persons coping with personal, social, and vocational difficulties that result from birth defects, illness, disease, accidents, or the stress of daily life.

Child, Family, and School Social Workers Provide social services and assistance to improve the social and psychological functioning of children and their families and to maximize the family well-being and the acedemic functioning of children.

Mental Health & Substance Abuse Social Workers Assess and treat individuals with mental, emotional, or substance abuse problems, including abuse of alcohol, tobacco, and/or other drugs.

CAREER PATHS IN HUMAN SERVICES





1-2 YEAR COLLEGE DEGREE

Manicurists and Pedicurists

Clean and shape customers' fingernails and toenails. May polish or decorate nails.

Massage Therapist

Perform therapeutic massages of soft tissues and joints.

Hairdressers, Hair Stylists, & Cosmetologists Provide beauty services, such as shampooing, coloring cutting, and styling hair, and massaging and treating scalp. May apply makeup, dress wigs, perform hair removal, and provide nail and skin care services.





HIGH SCHOOL DIPLOMA OR EQUIVALENT

Social & Human Service Assistants

Assist in providing client services in a wide variety of fields, such as psychology, rehabilitation, or social work, including support for families.

Community Health Workers

Assist individuals and communities to adopt healthy behaviors. Conduct outreach for medical personnel or health organizations to implement programs in the community that promote, maintain, and improve individual and community health.

Personal & Home Care Aides Assist the elderly, convalescents, or persons with disabilities with daily living activities at the person's home or in a care facility. Duties performed at a place of residence may include keeping house (making beds, doing laundry, washing dishes) and preparing meals.

Child Care Workers Attend to children at schools, businesses, private households, and childcare institutions. Perform a variety of tasks, such as dressing, feeding, bathing, and overseeing play.

Fitness Trainers & Aerobics Instructors Instruct or coach groups or individuals in exercise activities.



CAREER PATHS IN INFORMATION TECHNOLOGY

4-YEAR OR MORE **COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE**

Computer & Information **Systems Managers** \$83.28

Computer Programmers \$49.93

Computer Systems Analysts \$52.96

Network & Computer Systems Administrators \$49.01

1-2 YEAR COLLEGE DEGREE (OR CREDENTIAL)

Computer Network Support Specialists Support Specialists \$36.19

Computer User \$31.04

Web and Digital Interface Designers \$39.84





HIGH SCHOOL DIPLOMA OR **GED / ON-THE-JOB TRAINING**

Telecommunications Equipment Installers and Repairers \$32.16





Employment of computer and information technology occupations is projected to grow 13 percent from 2016 to 2026, faster than the average for all occupations. These occupations are projected to add about 557,100 new jobs. Demand for these workers will stem from greater emphasis on cloud-based computing, the collection and storage of big data, and information security.



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View videos of career paths in information technology: www.careeronestop.org/Videos/CareerVideos/career-videos.aspx

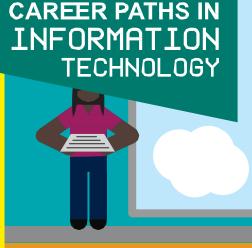
4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Computer & Information Systems Managers Plan, direct, or coordinate activities in fields such as electronic data processing, information systems, systems analysis, and computer programming.

Computer Programmers Create, modify, and test the code, and script that allow computer applications to run. Work from specifications drawn up by software developers and web developers or other individuals. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

Computer Systems Analysts Analyze science, engineering, business, and other data processing problems to implement and improve computer systems. Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations. May analyze or recommend commercially available software.

Network & Computer Systems Administrators Install, configure, and maintain an organization's local area network (LAN), wide area network (WAN), and data communications network, operating systems, and physical and virtual servers. Perform system monitoring and verify the integrity and availability of hardware, network, and server resources and systems. Review system and application logs and verify completion of scheduled jobs, including system backups. Analyze network and server resource consumption and control user access. Install and upgrade software and maintain software licenses. May assist in network modeling, analysis, planning, and coordination between network and data communications hardware and software.







1-2 YEAR COLLEGE DEGREE (OR CREDENTIAL)

Computer Network Support Specialists
Analyze, test, troubleshoot, and evaluate
existing network systems, such as local area
network (LAN), wide area network (WAN),
cloud networks, servers, and other data
communications networks. Perform
network maintenance to ensure networks
operate correctly with minimal interruption.

Computer User Support Specialists
Provide technical assistance to computer users. Answer questions or resolve computer problems for clients in person, via telephone, or electronically.

May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems.

Web and Digital Interface Designers
Design digital user interfaces or websites.
Develop and test layouts, interfaces,
functionality, and navigation menus to ensure
compatibility and usability across browsers or
devices. May use web framework
applications as well as client-side code and
processes.

HIGH SCHOOL DIPLOMA OR GED / ON-THE-JOB-TRAINING

Telecommunications Equipment Installers and Repair

Install, set-up, rearrange, or remove switching, distribution, routing, and dialing equipment used in central offices or headends. Service or repair telephone, cable television, internet, and other communications equipment on customers' property. May install communications equipment or communications wiring.



CAREER PATHS IN LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

AMBULANCE

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

First-Line Supervisor/ Manager of Police & Detectives \$56,28

Lawyer **\$74.29**

Detective & Criminal Investigator \$39.40

Probation Officer & Correctional Treatment Specialist \$40.06

1-2 YEAR COLLEGE DEGREE

Police & Sheriff's Patrol Officers \$41.67

Paralegal & Legal Assistant \$31.00

Emergency Medical Technician (EMT) & Paramedic \$22.65



First-Line Supervisor/ Manager of Fire Fighting & Prevention Took

\$38.52

Fire Fighter \$19.20

Correctional Officer & Jailer \$29.05 Public Safety
Telecommunicator
\$32.11

Security Guard

\$20.62

Legal Secretary \$27.27

These jobs are in demand in Central Minnesota and these are Central Minnesota median wages. Data collected from Department of Employment and Economic Development.

WHY CHOOSE A CAREER IN LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

Do you like the idea of protecting people? Can you work in the face of danger? Do you want to help people figure out the legal system? A career in Law, Public Safety, Corrections, and Security is a good match for someone that is up for a physical and mental challenge.

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POLICE

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

First-Line Supervisor/ Manager of Police & Detectives Directly supervise and coordinate activities of members of police force.

Lawyer Represent clients in criminal and civil litigation and other legal proceedings, draw up legal documents, or manage or advise clients on legal transactions. May specialize in a single area or may practice broadly in many areas of law.

Detective & Criminal Investigator Conduct investigations related to suspected violations of Federal, State, or local laws to prevent or solve crimes.

Probation Officer & Correctional Treatment Specialist Provide social services to assist in rehabilitation of law offenders in custody or on probation or parole. Make recommendations for actions involving formulation of rehabilitation plan and treatment of offender, including conditional release and education and employment stipulations.

CAREER PATHS IN LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY





1-2 YEAR COLLEGE DEGREE

Police & Sheriff's Patrol Officers Maintain order and protect life and property by enforcing local, tribal, State, or Federal laws and ordinances. Perform a combination of the following duties: patrol a specific area; direct traffic; issue traffic summonses; investigate accidents; apprehend and arrest suspects, or serve legal processes of courts.

Paralegal & Legal Assistant Assist lawyers by investigating facts, preparing legal documents, or researching legal precedent. Conduct research to support a legal proceeding, to formulate a defense, or to initiate legal action.

Emergency Medical Technician (EMT) & Paramedic Assess injuries, administer emergency medical care, and extricate trapped individuals. Transport injured or sick persons to medical facilities.

HIGH SCHOOL DIPLOMA OR EQUIVALENT

First-Line Supervisor/ Manager of Fire Fighting & Prevention Workers Directly supervise and coordinate activities of workers engaged in fire fighting and fire prevention and control.

Fire Fighter Control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk. Duties may include fire prevention, emergency medical service, hazardous material response, search and rescue, and disaster assistance.

Correctional Officers and Jailers
Guard inmates in penal or
rehabilitative institutions in accordance
with established regulations and
procedures. May guard prisoners in
transit between jail, courtroom, prison,
or other point. Includes deputy sheriffs
and police who spend the majority of
their time guarding prisoners in
correctional institutions.

Public Safety Telecommunicator
Operate radio, telephone, or
computer equipment at emergency
response centers. Receive reports
from the public of crimes,
disturbances, fires, and medical or
police emergencies. Relay
information to law enforcement and
emergency response personnel.
May maintain contact with caller until
responders arrive.

Security Guard Guard, patrol, or monitor premises to prevent theft, violence, or infractions of rules. May operate x-ray and metal detector equipment.

Legal Secretary Perform secretarial duties using legal terminology, procedures, and documents. Prepare legal papers and correspondence, such as summonses, complaints, motions, and subpoenas. May also assist with legal research.





CAREER PATHS IN MANUFACTURING

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Civil Engineer \$49.23

Mechanical Engineer \$46.81

Industrial Engineer \$49.35

1-2 YEAR COLLEGE DEGREE (OR CREDENTIAL)

Electrical and Electronics Engineering Technician \$35.28 Industrial Engineering Technician \$31.97 Machinist \$29.59



HIGH SCHOOL DIPLOMA OR GED / ON-THE-JOB TRAINING

First-line Supervisor of Production and Operating Workers \$36.82

Food Batchmaker \$18.16

Welder, Cutter, Solderer, and Brazer \$27.54

WHY CHOOSE A CAREER IN MANUFACTURING?

The manufacturing industry is one of the largest and most influential sectors of the United States economy. Manufacturing provides just over 10% of total private sector jobs in the U.S., making it the third-largest industry in terms of employment. In Minnesota, Manufacturing accounts for 13% of private sector employment, ranking second. Wages in Manufacturing are 10% higher than the total of all industries.

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CAREER PATHS IN MANUFACTURING

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

CIVIL ENGINEER Performs engineering duties in planning, designing, and overseeing construction and maintenance of building structures and facilities, such as roads, railroads, airports, bridges, harbors, channels, dams, irrigation projects, pipelines, power plants, and water and sewage systems.

INDUSTRIAL ENGINEER Design, develop, test, and evaluate integrated systems for managing industrial production processes, including human work factors, quality control, inventory control, logistics and material flow, cost analysis, and production coordination.

MECHANICAL ENGINEER Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment. Oversee installation, operation, maintenance, and repair of equipment such as centralized heat, gas, water, and steam systems.

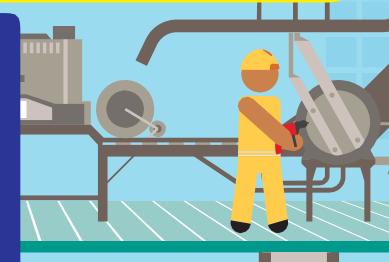
1-2-YEAR COLLEGE DEGREE (OR CREDENTIAL)

ELECTRICAL AND ELECTRONICS ENGINEERING TECHNICIAN Apply electrical and electronic theory and related knowledge, usually under the direction of engineering staff, to design, build, repair, calibrate, and modify electrical components, circuitry, controls, and machinery for subsequent evaluation and use by engineering staff in making engineering design decisions

INDUSTRIAL ENGINEERING TECHNICIAN Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. May perform time and motion studies on worker operations in a variety of industries for purposes such as establishing standard production rates or improving efficiency.

MACHINIST Set up and operate a variety of machine tools to produce precision parts and instruments. Includes precision instrument makers who fabricate, modify or repair mechanical instruments. May also fabricate and modify parts to make or repair machine tools or maintain industrial machines, applying knowledge of mechanics, mathematics, metal properties, layout, and machining procedures.





HIGH SCHOOL DIPLOMA OR GED / ON-THE-JOB TRAINING

FIRST-LINE SUPERVISOR/MANAGER OF PRODUCTION AND OPERATING WORKERS

Directly supervise and coordinate the activities of production and operating workers, such as inspectors, precision workers, machine setters and operators, assemblers, fabricators, and plant and system operators. Excludes team or work leaders.

FOOD BATCHMAKER Set up and operate equipment that mixes or blends ingredients used in the manufacturing of food products. Includes candy makers and cheese makers.

WELDER, CUTTER, SOLDERER, AND BRAZER

Use hand-welding, flame-cutting, hand soldering or brazing equipment to weld or join metal components or to fill holes, indentations or seams of fabricated metal products.

CAREER PATHS IN RETAIL SERVICES





Marketing Manager \$80.86

Purchasing Manager \$68.84

Sales Manager \$66.13

Sales Rep - Tech. & Scientific Products \$47.41

SOME COLLEGE OR 1-2 YEAR COLLEGE DEGREE

Sales Representative, Wholesale and Manufacturing \$37.34

HIGH SCHOOL DIPLOMA OR EQUIVALENT

First-Line Supervisor of Retail Sales Workers \$23.18

Shipping, Receiving, and Traffic Clerk \$22.63





Cashier \$15.36

Counter and Rental Clerk

\$18.74

Retail Salesperson \$17.34

Stock Clerk and Order Filler \$18.78

These jobs are in demand in Minnesota and these are Minnesota median wages. Data collected from the Department of Employment and Economic Development.

WHY CHOOSE A CAREER IN

RETAIL SERVICES?

Flexible scheduling

- Working with people
- Growth opportunities
- Constant motion
- Product passion
- Employee product discounts
- Variety
- Retail is everywhere
- Expand customer service, sales, and problem-solving skills





View additional information



CAREER PATHS IN RETAIL SERVICES

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Marketing Manager Plan, direct or coordinate marketing policies and programs, such as determining the demand for products and services offered by a firm and its competitors, and identify potential customers. Develop pricing strategies with the goal of maximizing the firm's profits or share of the market while ensuring the firm's customers are satisfied. Oversee product development or monitor trends that indicate the need for new products and services.

Purchasing Manager Plan, direct or coordinate the activities of buyers, purchasing officers, and related workers involved in purchasing materials, products, and services.

Sales Manager Plan, direct, or coordinate the actual distribution or movement of a product or service to the customer. Coordinate sales distribution by establishing sales territories, quotas, and goals and establish training programs for sales representatives. Analyze sales statistics gathered by staff to determine sales potential and inventory requirements and monitor the preferences of customers.

Sales Representative – Technical and Scientific Products Sell goods for wholesalers or manufacturers where technical or scientific knowledge is required in such areas as biology, engineering, chemistry and electronics, normally obtained from at least 2 years of post secondary education.





SOME COLLEGE OR 1-2 YEAR COLLEGE DEGREE

Sales Representative, Wholesale and Manufacturing
Monitor the flow of products in response to changes in consumer demand.
Forecast supply and demand to minimize costs and maximize availability.
Contact prospective buyers or sellers of power to arrange transactions.
Price products based on market conditions. Negotiate prices or contracts for sales or purchases.

HIGH SCHOOL DIPLOMA OR EQUIVALENT

First-Line Supervisor of Retail Sales Workers Directly supervise and coordinate activities of retail sales workers in an establishment or department. Duties may include management functions, such as purchasing, budgeting, accounting, and personnel work, in addition to supervisory duties.

Shipping, Receiving, and Traffic Clerk
Verify and maintain records on incoming and
outgoing shipments. Prepare items for shipment.
Duties include assembling, addressing, stamping,
and shipping merchandise or material; receiving,
unpacking, verifying and recording incoming
merchandise or material; and arranging for the
transportation of products.



LESS THAN HIGH SCHOOL

Cashier Receive and disburse money in establishments. May use electronic scanners, cash registers or related equipment. May process credit or debit card transactions and validate checks.

Counter and Rental Clerk Receive orders, generally in person, for repairs, rentals, and services. May describe available options, compute cost, and accept payment.

Retail Salesperson Sell merchandise, such as furniture, motor vehicles, appliances or apparel to consumers.

Stock Clerk and Order Filler Receive, store, and issue merchandise, materials, equipment, and other items from stockroom, warehouse or storage yard to fill shelves, racks, tables or customers' orders. May operte power equipment to full orders. May mark prices on merchandise and set up sales displays.

CAREER PATHS IN TRANSPORTATION

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Logistician \$39.93

....

Transportation, Storage & Distribution Manager \$54.94

1-2 YEAR COLLEGE DEGREE

Automobiles Service Technician & Mechanic \$24.67

Bus & Truck Mechanic & Diesel Engine Specialist \$30.90

Public Safetv **Telecommunicator** \$32.11

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HIGH SCHOOL DIPLOMA OR GED AND/OR EXPERIENCE/ ON-THE-JOB TRAINING

Cargo & Freight Agent \$23.76

First-Line Transportation and Material-Moving Workers Supervisor \$33.40

> Industrial Truck or Tractor Operator \$23.78

Laborer & Freight. Stock & Material Mover \$22.28

Light Truck or Delivery Service Driver \$23.39

LESS THAN 2 MONTHS CREDENTIAL/LICENSURE

Bus Driver Transit & Intercity \$23.96

Heavy & Tractor Trailer Truck Driver \$29.89

WHY CHOOSE A CAREER IN TRANSPORTATION?

Transportation is an essential industry. The transport and logistics industry is one that cannot be replaced by technology, and in fact may even be enriched by it - all forms of technology must be produced and transported, and you could be the person behind that. There are abundant opportunities. Earn a great income!

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View career information for Transportation occupations: www.careeronestop.org/sitesearch.aspx?keyword=transportation

CAREER PATHS IN TRANSPORTATION

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

LOGISTICIAN Analyze and coordinate the logistical functions of a firm or organization. Responsible for the entire life cycle of a product, including acquisition, distribution, internal allocation, delivery, and final disposal of resources.

TRANSPORTATION, STORAGE, & DISTRIBUTION MANAGER Plan, direct or coordinate transportation, storage or distribution activities in accordance with organizational policies and applicable government laws or regulations. Includes logistics managers.







LESS THAN 2 MONTHS CREDENTIAL/LICENSURE

BUS DRIVER TRANSIT & INTERCITY Drive bus or motor coach, including regular route operations, charters, and private carriage. May assist passengers with baggage. May collect fares or tickets.

HEAVY & TRACTOR TRAILER TRUCK DRIVER Drive a tractor-trailer combination or a truck with a capacity of at least 26,000 pounds Gross Vehicle Weight (GVW). May be required to unload truck. Requires commercial driver's license.

1-2 YEAR COLLEGE DEGREE

AUTOMOBILE SERVICE TECH/MECHANICDiagnose, adjust, repair or overhaul automotive vehicles.

BUS & TRUCK MECHANIC & DIESEL ENGINE SPECIALIST Diagnose, adjust, repair owerhaul buses and trucks or maintain and repair any type of diesel engines, Includes mechanics working primarily with automobile or marine diesel engines.

Public Safety Telecommunicator Operate radio, telephone or computer equipment at emergency response centers. Receive reports from the public of crimes, disturbances, fires, and medical or police emergencies. Relay information to law enforcement and emergency response personnel. May maintain contact with caller until responders arrive.





HIGH SCHOOL DIPLOMA OR GED AND/OR EXPERIENCE/ ON-THE-JOB TRAINING

CARGO & FREIGHT AGENT Expedite and route movement of incoming and outgoing cargo and freight shipments in airline, train, and trucking terminals, and shipping docks. Take orders from customers and arrange pickup of freight and cargo for delivery to loading platform. Prepare and examine bills of lading to determine shipping charges and tariffs.

FIRST-LINE TRANSPORTATIONAND MATERIAL-MOVING WORKERS SUPERVISOR Directly supervise and coordinate activities of transportation and material-moving machine and vehicle operators and helpers.

INDUSTRIAL TRUCK OR TRACTOR OPERATOR

Operate industrial trucks or tractors equipped to move materials around a warehouse, storage yard, factory, construction site or similar location. LABORER & FREIGHT, STOCK, & MATERIAL MOVER Manually move freight, stock or other materials or perform other general labor. Includes all manual laborers not elsewhere classified.

LIGHT TRUCK OR DELIVERY SEVICE DRIVER Drive a light vehicle, such as a truck or van, with a capacity of less than 26,000 pounds Gross Vehicle Weight (GVW), primarily to deliver or pick up merchandise or to deliver packages. May load and unload vehicle.