

Career *i*nterest PROFILER

Profiling: Joe Sample **Date:** 11/4/10



Canadian Edition

About this report

Knowing your interests is important because it allows you to make informed career decisions and indicates work that you will enjoy. People whose interests match their occupations and activities find greater satisfaction, are more productive, and have higher levels of motivation. These results can increase your chances for career success.

This report provides an in-depth description of your responses to the Career Interest Profiler (CIP). Designed to help you identify and understand your career interests, this report can start you on the journey of matching your interests with occupations. To guide you through the career planning process and help you set goals, a variety of occupations that correspond with your interests are provided. This report is designed to expand your options, rather than limit them, giving you many avenues to explore that have something in common with your interest profile.

Your personalized report explains your two areas of greatest interests, and then provides a wide variety of occupations that meet those interests in some way. Not all of these jobs will be attractive to you, which is to be expected. While interests play a key role in identifying preferred occupations, other traits such as abilities, skills, values, personality and previous experience also influence what you find appealing. Each of the occupations listed in this report have common activities that match your interests. Of course, some of the jobs listed will match your desires to a greater extent than others.

As you read through this report there are a number of things to keep in mind.

- 1** Do not expect to find one perfect job. There are many job options available and many will fit your interest profile in some way.
- 2** The Career Interest Profiler is a measure of interests, not skills. So while it can help you identify jobs you might like, it does not tell you what you are good at.
- 3** When you are making career decisions gather as much information as possible. This includes taking other types of assessments and talking to people who are working in jobs that interest you.
- 4** Take the time to discuss your findings with the people who are important to you such as your family and career counselor.

Your Profile

Your score for each interest area is directly related to the number of likes, dislikes and uncertain responses you made on the Career Interest Profiler. If you chose many likes in an area, your interest level will be high or very high. If you chose many dislikes then your interest level will be low or very low. The level is neither good nor bad, but a reflection of how interesting you find activities in each of the six areas.

The CIP measures 6 broad patterns of interest: Realistic, Investigative, Artistic, Social, Enterprising, and Conventional. Your scores for the six areas are shown below. Most people have interests that fall into more than one category. At the bottom of the page is a brief description of the 6 interest areas.

Theme	Score	Level of Interest				
		very low	low	average	high	very high
R	6					
I	6					
A	6					
S	6					
E	6					
C	6					

-
- Realistic

 Enjoy work activities that include practical, hands-on problems and solutions. They like dealing with plants, animals, and real-world materials, like wood, tools, and machinery. They enjoy outside work.

 - Investigative

 Enjoy work that involves solving complex problems. They like exploring ideas, conducting research and looking at theories. They prefer thinking over doing and prefer data and ideas to people.

 - Artistic

 Enjoy work activities that deal with the artistic side of things, such as forms, designs, and patterns. They like self-expression in their work. They prefer settings where work can be done without following a clear set of rules.

 - Social

 Enjoy work activities that assist others and promote learning and personal development. They prefer to be with people rather than to work with objects, machines, or data. They like to teach, to give advice, to help, or otherwise be of service to people.


 - Enterprising

 Enjoy work activities that have to do with starting up and carrying out projects, especially business ventures. They like persuading and leading people and making decisions. They like taking risks for profit. These people prefer action rather than thought.

 - Conventional

 Enjoy work activities that follow set procedures and routines. They prefer working with data and detail more than with ideas. They prefer work in which there are precise standards rather than make judgements. These people like working where the lines of authority are clear.

Conventional - Realistic

 *is your career interest pattern*

Your Scores

indicate that your primary interests are Conventional-Realistic. This means you have interests that fall in both the Conventional and Realistic areas. This page provides a comprehensive description of the Conventional and Realistic themes, and the people who prefer them.

Conventional - Organizers

Conventional people are methodical, conscientious and efficient. They are accurate and like to follow clearly defined procedures. At work they enjoy rules and regulations that keep things running smoothly. They prefer structure and order to ambiguity. As a result, they work within systems or large organizations. Conventional people have high standards for themselves, are accurate, and pay close attention to details. Conventional individuals are interested in data and things, rather than data and people. As a result, they prefer to work with the paper and computer based aspects of a business such as accounting, record keeping, and data processing.

activities/hobbies they enjoy

Managing personal finances; collecting memorabilia; writing family history; building models; playing computer or card games

typical skills and strengths

Working with numbers; processing information; accuracy; organizing; business writing

global occupational areas

Accounting, Banking and Finance, Clerical/Secretarial, Business Administration, Insurance

dislikes

Ambiguous, unstructured activities; dealing with interpersonal issues; drawing, painting, creative writing, photography; activities that involve self expression

Realistic - Doers

Realistic people are practical, self-reliant, and mechanically inclined. They are traditional people who value things they can see and touch. Realistic individuals usually have well developed skills in working with tools, operating machines, or raising animals. They enjoy working outdoors and utilizing their physical strength, so they often enjoy adventurous activities such as riding roller coasters or sky diving. Since they enjoy hands-on activities that involve concrete problem solving they prefer to deal with things rather than people, ideas, or data. They adopt action oriented solutions instead of verbal or interpersonal ones. As a result, realistic people tend to avoid careers that involve a lot of social interaction and dealing with people, such as teaching or nursing. Instead, they would rather focus on areas where they can produce tangible results because they value things they can see and touch.

activities/hobbies they enjoy

building and repairing; gardening and crafts; playing sports, outdoor recreational activities; cars, motor sports, boats; mechanics; home improvement; camping, hunting, fishing

typical skills and strengths

making and repairing things; operating machinery and equipment; mechanically inclined; concrete problem solving

global occupational areas

trades people - carpenters, electricians, mechanics, plumbers; agriculture and forestry; engineering; military

dislikes

public speaking; social events; cultural and aesthetic activities; mediating disputes; work that involves close interpersonal relationships

Conventional - Realistic



Zone is the amount of skill, education, or preparation required for this occupation. Level 1 - little or no preparation; Level 2 - some preparation; Level 3 - Medium preparation; Level 4 - Considerable preparation; Level 5 jobs require Extensive preparation.

If you are using an electronic version of this report, click on the links to the right to get more information about occupations you are interested in.

Click on the **Job Title** to look at the job opportunities available around the country.

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Conventional-Realistic people tend to enjoy being methodical, conscientious and efficient and having the opportunity for hands-on activities. To help identify jobs you will enjoy, you should consider work that involves both of these interests. Selected occupations matching your interest pattern are displayed below. Occupations are sorted by Job Zone, to help you find occupations that match your current or expected level of education, training and experience. Each occupation includes a brief description and has connections to extensive information on the Canadian National Occupational Classification (NOC) and the Working in Canada (WIC) websites. Use this information to further your knowledge about occupations that interest you.

Job Title	Zone	NOC Code	WIC
Stock Clerks, Sales Floor	1	6622	WIC
Receive, store, and issue sales floor merchandise. Stock shelves, racks, cases, bins, and tables with merchandise and arrange merchandise displays to attract customers. May periodically take physical count of stock or check and mark merchandise.			
Food Preparation and Serving Workers	1	6641	WIC
Perform duties which combine both food preparation and food service.			
Meter Readers, Utilities	2	1411	WIC
Read meter and record consumption of electricity, gas, water, or steam.			
Data Entry Keyers	2	1422	WIC
Operate data entry device, such as keyboard or photo composing perforator. Duties may include verifying data and preparing materials for printing.			
Billing, Posting, and Calculating Machine Operators	2	1431	WIC
Operate machines that automatically perform mathematical processes, such as addition, subtraction, multiplication, and division, to calculate and record billing, accounting, statistical, and other numerical data. Duties include operating special billing machines to prepare statements, bills, and invoices, and operating bookkeeping machines to copy and post data, make computations, and compile records of transactions.			
Stock Clerks and Order Fillers	2	1453	WIC
Receive, store, and issue sales floor merchandise, materials, equipment, and other items from stockroom, warehouse, or storage yard to fill shelves, racks, tables, or customers' orders. May mark prices on merchandise and set up sales displays.			
Mail Clerks and Mail Machine Operators, Except Postal Service	2	1461	WIC
Prepare incoming and outgoing mail for distribution. Use hand or mail handling machines to time stamp, open, read, sort, and route incoming mail; and address, seal, stamp, fold, stuff, and affix postage to outgoing mail or packages. Duties may also include keeping necessary records and completed forms.			

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Postal Service Clerks	2	1461	WIC
Perform any combination of tasks in a post office, such as receive letters and parcels; sell postage and revenue stamps, postal cards, and stamped envelopes; fill out and sell money orders; place mail in pigeon holes of mail rack or in bags according to State, address, or other scheme; and examine mail for correct postage.			
Police, Fire, and Ambulance Dispatchers	2	1475	WIC
Receive complaints from public concerning crimes and police emergencies. Broadcast orders to police patrol units in vicinity of complaint to investigate. Operate radio, telephone, or computer equipment to receive reports of fires and medical emergencies and relay information or orders to proper officials.			
Pharmacy Aides	2	3414	WIC
Record drugs delivered to the pharmacy, store incoming merchandise, and inform the supervisor of stock needs. May operate cash register and accept prescriptions for filling.			
Costume Attendants	2	5227	WIC
Select, fit, and take care of costumes for cast members, and aid entertainers.			
Inspectors, Testers, Sorters, Samplers, and Weighers	2	9415	WIC
Inspect, test, sort, sample, or weigh nonagricultural raw materials or processed, machined, fabricated, or assembled parts or products for defects, wear, and deviations from specifications. May use precision measuring instruments and complex test equipment.			
Fire Inspectors and Investigators	3	0642	WIC
Inspect buildings to detect fire hazards and enforce local ordinances and State laws. Investigate and gather facts to determine cause of fires and explosions.			
Insurance Appraisers, Auto Damage	3	1235	WIC
Appraise automobile or other vehicle damage to determine cost of repair for insurance claim settlement and seek agreement with automotive repair shop on cost of repair. Prepare insurance forms to indicate repair cost or cost estimates and recommendations.			
Medical Transcriptionists	3	1244	WIC
Use transcribing machines with headset and foot pedal to listen to recordings by physicians and other healthcare professionals dictating a variety of medical reports, such as emergency room visits, diagnostic imaging studies, operations, chart reviews, and final summaries. Transcribe dictated reports and translate medical jargon and abbreviations into their expanded forms. Edit as necessary and return reports in either printed or electronic form to the dictator for review and signature, or correction.			

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File Clerks	3	1413	WIC
File correspondence, cards, invoices, receipts, and other records in alphabetical or numerical order or according to the filing system used. Locate and remove material from file when requested.			
Electrical and Electronics Drafters	3	2253	WIC
Prepare wiring diagrams, circuit board assembly diagrams, and layout drawings used for manufacture, installation, and repair of electrical equipment in factories, power plants, and buildings.			
Mapping Technicians	3	2255	WIC
Calculate mapmaking information from field notes, and draw and verify accuracy of topographical maps.			
Occupational Health and Safety Technicians	3	2263	WIC
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.			
Computer Operators	3	2281	WIC
Monitor and control electronic computer and peripheral electronic data processing equipment to process business, scientific, engineering, and other data according to operating instructions. May enter commands at a computer terminal and set controls on computer and peripheral devices. Monitor and respond to operating and error messages.			
Dental Assistants	3	3411	WIC
Assist dentist, set up patient and equipment, and keep records.			
Pharmacy Technicians	3	3414	WIC
Prepare medications under the direction of a pharmacist. May measure, mix, count out, label, and record amounts and dosages of medications.			
Library Assistants, Clerical	3	5211	WIC
Compile records, sort and shelf books, and issue and receive library materials such as pictures, cards, slides and microfilm. Locate library materials for loan and replace material in shelving area, stacks, or files according to identification number and title. Register patrons to permit them to borrow books, periodicals, and other library materials.			
Police Identification and Records Officers	3	6261	WIC
Collect evidence at crime scene, classify and identify fingerprints, and photograph evidence for use in criminal and civil cases.			
City and Regional Planning Aides	4	2153	WIC
Compile data from various sources, such as maps, reports, and field and file investigations, for use by city planner in making planning studies.			

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Geophysical Data Technicians

4

2212

WIC

Measure, record, and evaluate geological data, using sonic, electronic, electrical, seismic, or gravity-measuring instruments to prospect for oil or gas. May collect and evaluate core samples and cuttings.

Audio-Visual Collections Specialists

5

5225

WIC

Prepare, plan, and operate audio-visual teaching aids for use in education. May record, catalogue, and file audio-visual materials.

Related Occupations

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There are many jobs out there that will meet some but not all of your interests. To expand your opportunities, it is helpful to look at jobs that utilize some of your interest patterns or rank them in a different order. Since you are Conventional-Realistic you may want to look at jobs that rearrange the order of your themes such as Realistic-Conventional, or utilize your third key interest area - Investigative. Below are groups of occupations that are organized by interest pattern that you have something in common with and may want to explore.



Job Title	Zone	NOC Code	WIC
Derrick Operators, Oil and Gas	1	8412	WIC
Rig derrick equipment and operate pumps to circulate mud through drill hole.			
Landscaping and Groundskeeping Workers	1	8612	WIC
Landscape or maintain grounds of property using hand or power tools or equipment. Workers typically perform a variety of tasks, which may include any combination of the following: sod laying, mowing, trimming, planting, watering, fertilizing, digging, raking, sprinkler installation, and installation of mortarless segmental concrete masonry wall units.			
Couriers and Messengers	2	1463	WIC
Pick up and carry messages, documents, packages, and other items between offices or departments within an establishment or to other business concerns, traveling by foot, bicycle, motorcycle, automobile, or public conveyance.			
Ophthalmic Laboratory Technicians	2	3414	WIC
Cut, grind, and polish eyeglasses, contact lenses, or other precision optical elements. Assemble and mount lenses into frames or process other optical elements.			
Bookbinders	2	5244	WIC
Perform highly skilled hand finishing operations, such as grooving and lettering to bind books.			
Butchers and Meat Cutters	2	6251	WIC
Cut, trim, or prepare consumer-sized portions of meat for use or sale in retail establishments.			
Bakers	2	6252	WIC
Mix and bake ingredients according to recipes to produce breads, rolls, cookies, cakes, pies, pastries, or other baked goods.			

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Gaming Surveillance Officers and Gaming Investigators	2	6443	WIC
Act as oversight and security agent for management and customers. Observe casino or casino hotel operation for irregular activities such as cheating or theft by either employees or patrons. May utilize one-way mirrors above the casino floor, cashier's cage, and from desk. Use of audio/video equipment is also common to observe operation of the business. Usually required to provide verbal and written reports of all violations and suspicious behavior to supervisor.			
Boilermakers	2	7262	WIC
Construct, assemble, maintain, and repair stationary steam boilers and boiler house auxiliaries. Align structures or plate sections to assemble boiler frame tanks or vats, following blueprints. Work involves use of hand and power tools, plumb bobs, levels, wedges, dogs, or turnbuckles. Assist in testing assembled vessels. Direct cleaning of boilers and boiler furnaces. Inspect and repair boiler fittings, such as safety valves, regulators, automatic-control mechanisms, water columns, and auxiliary machines.			
Welders, Cutters, and Welder Fitters	2	7265	WIC
Use hand-welding or flame-cutting equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.			
Brickmasons and Blockmasons	2	7281	WIC
Lay and bind building materials, such as brick, structural tile, concrete block, cinder block, glass block, and terra-cotta block, with mortar and other substances to construct or repair walls, partitions, arches, sewers, and other structures.			
Glaziers	2	7292	WIC
Install glass in windows, skylights, store fronts, and display cases, or on surfaces, such as building fronts, interior walls, ceilings, and tabletops.			
Painters, Construction and Maintenance	2	7294	WIC
Paint 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.			
Locomotive Engineers	2	7361	WIC
Drive electric, diesel-electric, steam, or gas-turbine-electric locomotives to transport passengers or freight. Interpret train orders, electronic or manual signals, and railroad rules and regulations.			
Locksmiths and Safe Repairers	2	7383	WIC
Repair and open locks; make keys; change locks and safe combinations; and install and repair safes.			
Truck Drivers, Heavy and Tractor-Trailer	2	7411	WIC
Drive a tractor-trailer combination or a truck with a capacity of at least 26,000 GVW, to transport and deliver goods, livestock, or materials in liquid, loose, or packaged form. May be required to unload truck. May require use of automated routing equipment. Requires commercial drivers' license.			

Related Occupations

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Sailors and Marine Oilers	2	7434	WIC
Stand watch to look for obstructions in path of vessel, measure water depth, turn wheel on bridge, or use emergency equipment as directed by captain, mate, or pilot. Break out, rig, overhaul, and store cargo-handling gear, stationary rigging, and running gear. Perform a variety of maintenance tasks to preserve the painted surface of the ship and to maintain line and ship equipment. Must hold government-issued certification and tankerman certification when working aboard liquid-carrying vessels.			
Pest Control Workers	2	7444	WIC
Spray or release chemical solutions or toxic gases and set traps to kill pests and vermin, such as mice, termites, and roaches, that infest buildings and surrounding areas.			
Chemical Plant and System Operators	2	9232	WIC
Control or operate an entire chemical process or system of machines.			
Printing Machine Operators	2	9471	WIC
Set up or operate various types of printing machines, such as offset, letterset, intaglio, or gravure presses or screen printers to produce print on paper or other materials.			
Agricultural Inspectors	3	2222	WIC
Inspect agricultural commodities, processing equipment, and facilities, and fish and logging operations, to ensure compliance with regulations and laws governing health, quality, and safety.			
Civil Engineering Technicians	3	2231	WIC
Apply theory and principles of civil engineering in planning, designing, and overseeing construction and maintenance of structures and facilities under the direction of engineering staff or physical scientists.			
Electronic Home Entertainment Equipment Installers and Repairers	3	2242	WIC
Repair, adjust, or install audio or television receivers, stereo systems, camcorders, video systems, or other electronic home entertainment equipment.			
Aircraft Mechanics and Service Technicians	3	2244	WIC
Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems.			
Surveying and Mapping Technicians	3	2255	WIC
Perform surveying and mapping duties, usually under the direction of a surveyor, cartographer, or photogrammetrist to obtain data used for construction, mapmaking, boundary location, mining, or other purposes. May calculate mapmaking information and create maps from source data, such as surveying notes, aerial photography, satellite data, or other maps to show topographical features, political boundaries, and other features. May verify accuracy and completeness of topographical maps.			

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Construction and Building Inspectors	3	2264	WIC
Inspect structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and other regulations. Inspections may be general in nature or may be limited to a specific area, such as electrical systems or plumbing.			
Pilots, Ship	3	2273	WIC
Command ships to steer them into and out of harbors, estuaries, straits, and sounds, and on rivers, lakes, and bays. Must be licensed by U.S. Coast Guard with limitations indicating class and tonnage of vessels for which license is valid and route and waters that may be piloted.			
Broadcast Technicians	3	5224	WIC
Set up, operate, and maintain the electronic equipment used to transmit radio and television programs. Control audio equipment to regulate volume level and quality of sound during radio and television broadcasts. Operate radio transmitter to broadcast radio and television programs.			
Machinists	3	7211	WIC
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, shop mathematics, metal properties, layout, and machining procedures.			
Plumbers, Pipefitters, and Steamfitters	3	7252	WIC
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.			
Carpenters	3	7271	WIC
Construct, erect, install, or repair structures and fixtures made of wood, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; wood stairways, window and door frames, and hardwood floors. May also install cabinets, siding, drywall and batt or roll insulation. Includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways to control the proper circulation of air through the passageways and to the working places.			
Millwrights	3	7311	WIC
Install, dismantle, or move machinery and heavy equipment according to layout plans, blueprints, or other drawings.			
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	3	7313	WIC
Install or repair heating, central air conditioning, or refrigeration systems, including oil burners, hot-air furnaces, and heating stoves.			

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Aviation Inspectors	3	7315	WIC
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Inspect aircraft, maintenance procedures, air navigational aids, air traffic controls, and communications equipment to ensure conformance with Federal safety regulations.

Automotive Service Technicians and Mechanics	3	7321	WIC
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Diagnose, adjust, repair, or overhaul automotive vehicles.

Power Plant Operators	3	7352	WIC
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Control, operate, or maintain machinery to generate electric power. Includes auxiliary equipment operators.

Forest and Conservation Workers	3	8422	WIC
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Under supervision, perform manual labor necessary to develop, maintain, or protect forest, forested areas, and woodlands through such activities as raising and transporting tree seedlings; combating insects, pests, and diseases harmful to trees; and building erosion and water control structures and leaching of forest soil. Includes forester aides, seedling pullers, and tree planters.

Biofuels Processing Technicians	3	9232	WIC
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Calculate, measure, load, mix, and process refined feedstock with additives in fermentation or reaction process vessels and monitor production process. Perform, and keep records of, plant maintenance, repairs, and safety inspections.

Surveyors	4	2154	WIC
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Make exact measurements and determine property boundaries. Provide data relevant to the shape, contour, gravitation, location, elevation, or dimension of land or land features on or near the earth's surface for engineering, mapmaking, mining, land evaluation, construction, and other purposes.

Airline Pilots, Copilots, and Flight Engineers	4	2271	WIC
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Pilot and navigate the flight of multi-engine aircraft in regularly scheduled service for the transport of passengers and cargo. Requires Federal Air Transport rating and certification in specific aircraft type used.



Job Title	Zone	NOC Code	WIC
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Clinical Data Managers	4	0311	WIC
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Apply knowledge of health care and database management to analyze clinical data, and to identify and report trends.

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Statistical Assistants	3	1454	WIC
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.			
Web Developers	3	2175	WIC
Develop and design web applications and web sites. Create and specify architectural and technical parameters. Direct web site content creation, enhancement and maintenance.			
Numerical Tool and Process Control Programmers	3	2233	WIC
Develop programs to control machining or processing of parts by automatic machine tools, equipment, or systems.			
Paralegals and Legal Assistants	3	4211	WIC
Assist lawyers by researching legal precedent, investigating facts, or preparing legal documents. Conduct research to support a legal proceeding, to formulate a defense, or to initiate legal action.			
Quality Control Analysts	4	0911	WIC
Conduct tests to determine quality of raw materials, bulk intermediate and finished products. May conduct stability sample tests.			
Financial Analysts	4	1112	WIC
Conduct quantitative analyses of information affecting investment programs of public or private institutions.			
Network Designers	4	2147	WIC
Determine user requirements and design specifications for computer networks. Plan and implement network upgrades.			
Actuaries	4	2161	WIC
Analyze statistical data, such as mortality, accident, sickness, disability, and retirement rates and construct probability tables to forecast risk and liability for payment of future benefits. May ascertain premium rates required and cash reserves necessary to ensure payment of future benefits.			
Computer Security Specialists	4	2171	WIC
Plan, coordinate, and implement security measures for information systems to regulate access to computer data files and prevent unauthorized modification, destruction, or disclosure of information.			
Database Administrators	4	2172	WIC
Coordinate changes to computer databases, test and implement the database applying knowledge of database management systems. May plan, coordinate, and implement security measures to safeguard computer databases.			

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Environmental Compliance Inspectors	4	2263	WIC
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Inspect and investigate sources of pollution to protect the public and environment and ensure conformance with Federal, State, and local regulations and ordinances.

Social Science Research Assistants	4	4164	WIC
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Assist social scientists in laboratory, survey, and other social research. May perform publication activities, laboratory analysis, quality control, or data management. Normally these individuals work under the direct supervision of a social scientist and assist in those activities which are more routine.

Law Clerks	4	4211	WIC
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Assist lawyers or judges by researching or preparing legal documents. May meet with clients or assist lawyers and judges in court.

Archivists	4	5113	WIC
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Appraise, edit, and direct safekeeping of permanent records and historically valuable documents. Participate in research activities based on archival materials.

Statisticians	5	2161	WIC
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Engage in the development of mathematical theory or apply statistical theory and methods to collect, organize, interpret, and summarize numerical data to provide usable information. May specialize in fields, such as bio-statistics, agricultural statistics, business statistics, economic statistics, or other fields.



Job Title	Zone	NOC Code	WIC
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Logging Equipment Operators	1	7312	WIC
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Drive logging tractor or wheeled vehicle equipped with one or more accessories, such as bulldozer blade, frontal shear, grapple, logging arch, cable winches, hoisting rack, or crane boom, to fell tree; to skid, load, unload, or stack logs; or to pull stumps or clear brush.

Solar Thermal Installers and Technicians	2	2232	WIC
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Install or repair solar energy systems designed to collect, store, and circulate solar-heated water for residential, commercial or industrial use.

Dental Laboratory Technicians	2	3223	WIC
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Construct and repair full or partial dentures or dental appliances.

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Structural Iron and Steel Workers	2	7263	WIC
Raise, place, and unite iron or steel girders, columns, and other structural members to form completed structures or structural frameworks. May erect metal storage tanks and assemble prefabricated metal buildings.			
Earth Drillers, Except Oil and Gas	2	7372	WIC
Operate a variety of drills--such as rotary, churn, and pneumatic--to tap sub-surface water and salt deposits, to remove core samples during mineral exploration or soil testing, and to facilitate the use of explosives in mining or construction. May use explosives. Includes horizontal and earth boring machine operators.			
Solar Photovoltaic Installers	2	7441	WIC
Assemble, install, or maintain solar photovoltaic (PV) systems on roofs or other structures in compliance with site assessment and schematics. May include measuring, cutting, assembling, and bolting structural framing and solar modules. May perform minor electrical work such as current checks.			
Manufacturing Production Technicians	3	1473	WIC
Apply knowledge of manufacturing engineering systems and tools to set up, test, and adjust manufacturing machinery and equipment, using any combination of electrical, electronic, mechanical, hydraulic, pneumatic and computer technologies.			
Agricultural and Food Science Technicians	3	2221	WIC
Work with agricultural scientists in food, fiber, and animal research, production, and processing; assist with animal breeding and nutrition work; under supervision, conduct tests and experiments to improve yield and quality of crops or to increase the resistance of plants and animals to disease or insects. Includes technicians who assist food scientists or food technologists in the research, development, production technology, quality control, packaging, processing, and use of foods.			
Forest and Conservation Technicians	3	2223	WIC
Compile data pertaining to size, content, condition, and other characteristics of forest tracts, under direction of foresters; train and lead forest workers in forest propagation, fire prevention and suppression. May assist conservation scientists in managing, improving, and protecting rangelands and wildlife habitats, and help provide technical assistance regarding the conservation of soil, water, and related natural resources.			
Robotics Technicians	3	2232	WIC
Build, install, test, and maintain robotic equipment or related automated production systems.			
Electrical and Electronic Engineering Technicians	3	2241	WIC
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.			

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Avionics Technicians	3	2244	WIC
Install, inspect, test, adjust, or repair avionics equipment, such as radar, radio, navigation, and missile control systems in aircraft or space vehicles.			
Cartographers and Photogrammetrists	3	2255	WIC
Collect, analyze, and interpret geographic information provided by geodetic surveys, aerial photographs, and satellite data. Research, study, and prepare maps and other spatial data in digital or graphic form for legal, social, political, educational, and design purposes. May work with Geographic Information Systems (GIS). May design and evaluate algorithms, data structures, and user interfaces for GIS and mapping systems.			
Commercial Pilots	3	2271	WIC
Pilot and navigate the flight of small fixed or rotary winged aircraft, primarily for the transport of cargo and passengers. Requires Commercial Rating.			
Computer Support Specialists	3	2282	WIC
Provide technical assistance to computer system users. Answer questions or resolve computer problems for clients in person, via telephone or from remote location. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems.			
Medical and Clinical Laboratory Technicians	3	3212	WIC
Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May work under the supervision of a medical technologist.			
Veterinary Technologists and Technicians	3	3213	WIC
Perform medical tests in a laboratory environment for use in the treatment and diagnosis of diseases in animals. Prepare vaccines and serums for prevention of diseases. Prepare tissue samples, take blood samples, and execute laboratory tests, such as urinalysis and blood counts. Clean and sterilize instruments and materials and maintain equipment and machines.			
Audio and Video Equipment Technicians	3	5225	WIC
Set up or set up and operate audio and video equipment including microphones, sound speakers, video screens, projectors, video monitors, recording equipment, connecting wires and cables, sound and mixing boards, and related electronic equipment for concerts, sports events, meetings and conventions, presentations, and news conferences. May also set up and operate associated spotlights and other custom lighting systems.			
Wind Turbine Service Technicians	3	7231	WIC
Inspect, diagnose, adjust, or repair wind turbines. Perform maintenance on wind turbine equipment including resolving electrical, mechanical, and hydraulic malfunctions.			

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Electricians	3	7241	WIC
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.			
Telecommunications Equipment Installers and Repairers, Except Line Installers	3	7246	WIC
Set-up, rearrange, or remove switching and dialing equipment used in central offices. Service or repair telephones and other communication equipment on customers' property. May install equipment in new locations or install wiring and telephone jacks in buildings under construction.			
Elevator Installers and Repairers	3	7318	WIC
Assemble, install, repair, or maintain electric or hydraulic freight or passenger elevators, escalators, or dumbwaiters.			
Gem and Diamond Workers	3	7344	WIC
Fabricate, finish, or evaluate the quality of gems and diamonds used in jewelry or industrial tools.			
Automotive Master Mechanics	3	7443	WIC
Repair automobiles, trucks, buses, and other vehicles. Master mechanics repair virtually any part on the vehicle or specialize in the transmission system.			
Animal Breeders	3	8251	WIC
Breed animals, including cattle, goats, horses, sheep, swine, poultry, dogs, cats, or pet birds. Select and breed animals according to their genealogy, characteristics, and offspring. May require a knowledge of artificial insemination techniques and equipment use. May involve keeping records on heats, birth intervals, or pedigree			
Foresters	4	2122	WIC
Manage forested lands for economic, recreational, and conservation purposes. May inventory the type, amount, and location of standing timber, appraise the timber's worth, negotiate the purchase, and draw up contracts for procurement. May determine how to conserve wildlife habitats, creek beds, water quality, and soil stability, and how best to comply with environmental regulations. May devise plans for planting and growing new trees, monitor trees for healthy growth, and determine the best time for harvesting. Develop forest management plans for public and privately-owned forested lands.			
Civil Engineers	4	2131	WIC
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, water and sewage systems, and waste disposal units. Includes architectural, structural, traffic, ocean, and geo-technical engineers.			

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Geological and Petroleum Technicians	4	2212	WIC
Assist scientists in the use of electrical, sonic, or nuclear measuring instruments in both laboratory and production activities to obtain data indicating potential sources of metallic ore, gas, or petroleum. Analyze mud and drill cuttings. Chart pressure, temperature, and other characteristics of wells or bore holes. Investigate and collect information leading to the possible discovery of new oil fields.			
Fish and Game Wardens	4	2224	WIC
Patrol assigned area to prevent fish and game law violations. Investigate reports of damage to crops or property by wildlife. Compile biological data.			
Aerospace Engineering and Operations Technicians	4	2244	WIC
Operate, install, calibrate, and maintain integrated computer/communications systems consoles, simulators, and other data acquisition, test, and measurement instruments and equipment to launch, track, position, and evaluate air and space vehicles. May record and interpret test data.			
Security Management Specialists	4	6672	WIC
Conduct security assessments for organizations, and design security systems and processes. May specialize in areas such as physical security, personnel security, and information security. May work in fields such as health care, banking, gaming, security engineering, or manufacturing.			

Reviewing Your Interests

This report describes how your interests match certain types of work better than others. Work that make the most of your interests will be more rewarding and satisfying for you. Work that do not, may leave you feeling unmotivated or unsatisfied. To get the most out of this report, it is helpful to take some time to review your results. Below are some activities that will help you further analyze your interests and help you find out more about the occupations that interest you.

- 1** Read through the interest descriptions on page 4. Highlight the activities and tasks that you believe an occupation must have for you to enjoy it. When you start evaluating occupations, check to see if they involve these activities. Remember, not every type of work will fulfill all your interests, however, some jobs will meet more of them than others. Consider which of your interests you are willing to satisfy in leisure activities or hobbies, rather than in work.

List the activities and tasks a job should involve for you to feel satisfied.

List the activities and tasks that you would be willing to satisfy through leisure or hobbies.

Reviewing Your Interests

4 **Learn more about each job** - if you have access to the internet you can quickly find excellent and reliable information. Each occupation listed in this report has a NOC Code. With the NOC code you can access a number of government resources that provide up-to-date information on the tasks, knowledge, skills, abilities, work activities, wages and employment, and related occupations for each job.

If you are using an electronic version of this report (PDF file) you can click on any of the links shown in the report. These will take you to the pages related to the occupations that are of interest to you.

To manually search the National Occupational Classification database go to **www23.hrdc-drhc.gc.ca** and type in the NOC code.

You can also search the Working in Canada website at **workingincanada.gc.ca** using the NOC codes for occupations you are interested in. This site gives you detailed information on licence and certification information, main duties and skills requirements. The "Job Opportunities" section is where you'll see the latest postings from Job Bank related to your city or region. You can find out how much you can earn in the "Wages" section. The "Outlook" section shows whether the occupation is in demand, and gives valuable job market information. If you think you need to update your skills you can explore education and training opportunities. This site also allows you to print a comprehensive report on the occupation that you are interested in.

Do not forget to talk to people who are in the occupation. This will give you the opportunity to confirm the information you already have from your other research.

Your Career Search

Putting together a comprehensive and detailed career search with specific goals and deadlines is one of the most important steps for managing career decision making successfully. Too often, people in career transition immediately begin writing resumes, applying for jobs, or jumping into retirement without planning their activities. As a result, people use poor job search techniques or make decisions that they later regret.

To start your career search, you need to do some research. To make good career decisions you should find out as much as you can about each of the occupations that interest you.

1 There are a number of questions you need to answer before you can assess whether or not a job is for you. These include:

Questions about the work itself - What are the duties and responsibilities? What does a typical work week look like? What are the working conditions?

Questions about work requirements - What are the minimum educational requirements? What skills are needed? What personal characteristics are needed? Are there any certification requirements? Does training take place on the job or do I need some post-secondary education?

What does the work offer you - What is the employment outlook? Is the job in a sector that is growing or declining? What are the opportunities for growth? What are the opportunities for career advancement?

2 **Keep your options open** - Do not discard a job because you have a pre-conceived notion about what it entails. Your understanding may be based on stereotypes. For example, the activities of an automotive service technician may have more to do with computers and electronics than with the ability to use a wrench. Keep an open mind and don't limit yourself unnecessarily.

Don't expect to accomplish your career search in just one day. It will take time and hard work. You need to have a plan and to stick to it! Use the form on the following page to evaluate and take notes on any occupation that interests you. Photocopy it as needed.

Review an Occupation

Name of Occupation _____

1 What are the duties and responsibilities? What does a typical work week look like? What working conditions can you expect?

2 What experience, education, certification or training do you need to get in order to prepare for the career you are exploring?

3 What specific job requirements do you need to meet? (eg shift work, weekend work, on call etc.)

4 List the pros and cons about the occupation that you are researching.

5 Will this occupation meet your needs? (money, relationships, personal development, ambitions etc.)

Photocopy as needed.