

Canadian forest product companies will need to **hire 60,000**, or more, **new workers by 2020** to meet demand.

Below is a list of the high-demand careers the forest products industry needs to fill. Educational requirements and average hourly wages are also included. For more information visit TheGreenestWorkforce.ca.

CAREER CATEGORY		EDUCATION REQUIREMENTS	HOURLY WAGE
SKILLED TRADES	NOC		
Control systems specialists maintain the hardware and software systems in a facility.	NOC 9241	College/ Certification	\$41 / \$45
Distributed control system (DCS) technicians work on measuring and controlling instruments.	NOC 9241	High School + Apprenticeship	\$49 / \$67
Heavy-duty equipment mechanics repair and maintain big machines and heavy-duty equipment.	NOC 7312	High School + Apprenticeship	\$37 / \$42
Industrial electricians install, maintain, troubleshoot and repair industrial electrical equipment and associated electrical and electronic controls.	NOC 7242	High School + Apprenticeship	\$40 / \$55
Industrial instrument technicians and mechanics repair, maintain, calibrate, adjust and install industrial measuring and controlling instrumentation.	NOC 2243	High School + Apprenticeship	\$49 / \$67
Machinists set up and operate a variety of machine tools to cut or grind metal, plastic or other materials to make or modify parts or products.	NOC 7231	High School + Apprenticeship	\$32 / \$35
Maintenance planners plan, organize, direct, control and evaluate the operations of commercial, transportation and recreational facilities.	NOC 0125	College	\$52 / \$68
Millwrights and industrial mechanics install, maintain and repair stationary industrial machinery and mechanical equipment.	NOC 7311	High School + Apprenticeship	\$37 / \$45
Power steam engineers supervise, operate and maintain machinery and boilers that provide steam, power, heat, refrigeration and other utility services.	NOC 9241	College + Apprenticeship	\$43 / \$60
Process engineers use computer systems to design, operate, control and optimize chemical, physical and biological processes.	NOC 9241	University/ College	\$55 / \$100
Sawfilers , or saw doctors, maintain and repair high-tech saws in a saw mill.		High School	\$29 / \$47
Steamfitters and pipefitters plan and lay out piping systems.	NOC 7252	High School + Apprenticeship	\$40 / \$45
Vibration analysts test machinery and infrastructure using radiographic, ultrasonic and other testing equipment.		University/ College	\$48 / \$50
Welders operate welding equipment to cut and join pieces of metal.	NOC 7237	High School + Apprenticeship	\$35 / \$47



WOODLANDS OPERATION AND GENERAL LABOUR	NOC	*College courses are encouraged	
Environmental supervisors understand how to run forestry operations in a sustainable way.	NOC 4161	University	\$45 / \$60
Forestry technologists and technicians work closely with other land and resource management specialists to make sure forest land is managed wisely.	NOC 2223	High School*	\$35 / \$40
Heavy equipment operators operate machines like articulated haul trucks, excavators and others.	NOC 7521	High School + Certification	\$32 / \$35
Logging truck drivers operate heavy trucks to transport lumber and other wood products.	NOC 7511	High School + Driver Training	\$30 / \$38
Material handlers handle, move, stack, load and unload materials by hand or with equipment like forklifts.	NOC 7452	High School	\$25 / \$35
Silviculturalists help manage, improve and conserve forest lands.	NOC 8422	High School*	\$31 / \$36
SCIENCES	NOC		
Biologists are key players in ensuring that forestry operations are run in a sustainable way.	NOC 2121	University	\$49 / \$66
Chemical engineers design and develop chemical processes and equipment, in order to transform raw materials into useful products.	NOC 2134	University	\$56 / \$100
Electrical and electronics engineers design and test electrical and electronic equipment and systems.	NOC 2133	University	\$55 / \$72
Forestry professionals guide decisions and policies relating to forest land management.	NOC 2122	University/ College	\$42 / \$52
Industrial engineers integrate systems of people, materials, equipment and energy.	NOC 2141	University	\$50 / \$62
Mechanical engineers design and build machinery and systems for heating, ventilation and air conditioning, power generation, transportation, processing and manufacturing.	NOC 2132	University	\$55 / \$65
CORPORATE AND ON-SITE OFFICES	NOC	*College courses are encouraged	
Accounting and related administrative clerks calculate, prepare and process bills, invoices, accounts payable and receivable.	NOC 1111	High School*	\$27 / \$37
Forest economists and risk analysts understand and forecast the micro- and macro-economic implications of forest management.	NOC 4162	University	\$51 / \$110
Forest products processing supervisors lead teams who operate pulp and paper mills, sawmills, and other wood and paper products mills.	NOC 9215	High School*	\$38 / \$52
Human resources and recruitment officers identify and advertise job vacancies, recruit candidates, and help select and reassign employees.	NOC 1121	University/ College	\$38 / \$50
Information technology specialists manage land-related data with geographic information systems (GIS), they also maintain computer networks, run databases, record data in the field, and manage software applications.	NOC 0213	University/ College	\$50 / \$61
Logging and forestry supervisors lead teams of workers who harvest and plant trees and who perform all the supporting tasks associated with these operations.	NOC 8211	High School*	\$38 / \$44
Manufacturing managers are responsible for overseeing the safe, efficient and cost-effective production and shipping of forest products.	NOC 0911	University	\$58 / \$75
Occupational health nurses are responsible for diagnosing and providing primary care for work- and non-work-related injuries and illnesses.	NOC 3012	University/ College	\$43 / \$60
Sales representatives plan daily sales activities and to seek out sales through contact, networking and marketing efforts.	NOC 6221	High School*	\$41 / \$50

