AWIC ALGOMA WORKFORCE INVESTMENT CORPORATION

Industry Spotlight Series

An initiative aimed at enhancing the visibility of careers within the Algoma district, featuring career and training opportunities through engaging videos and detailed occupational profiles.

Disclaimer

The report does not reflect the view of the sponsors and is solely the work of the Algoma Workforce Investment Corporation. The material contained in this report is drawn from a variety of sources considered to be reliable. We make no representation or warranty, express or implied, as to its accuracy or completeness. In providing this material, AWIC does not assume any responsibility or liability.

This Employment Ontario project is funded in part by the Government of Canada and by the Government of Ontario.

FOR MORE INFORMATION REGARDING THIS REPORT:

The Algoma Workforce Investment Corporation (AWIC)
672 Queen Street East
Sault Ste. Marie, ON P6A 2A4
Phone 705.941.9341
info@awic.ca
www.awic.ca
Published: March 2025

AWIC ALGOMA WORKFORCE INVESTMENT CORPORATION

Industry Spotlight Series

Industry Spotlight is an initiative with the intention to give more visibility to the occupations in the **Algoma district**, showcasing career and training opportunities through a series of videos and occupational profiles. This material **highlight 16 different occupations** across five sectors: Healthcare and Social Assistance, Manufacturing, Mining, Trades, and Accommodations and Food Services.

They offer valuable **perspectives on various industries**, helping individuals and students explore **relevant educational pathways** and make informed career decisions. As a complement to the **videos**, the following **occupational profiles** provide key data on factors such as the **aging workforce, income range, typical job duties**, and more, offering a comprehensive overview of the diverse occupational opportunities in the **Algoma district**.

This resource aims to strengthen the local workforce and **support individuals and students** as they navigate their career paths.

Canada EMPLOYMENT ONTARIO Ontario

ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Electricians (except industrial and power system) NOC 72200

Electricians (except industrial and power system) lay out, assemble, install, test, troubleshoot and repair electrical wiring, fixtures, control devices and related equipment in buildings and other structures. They are employed by electrical contractors and maintenance departments of buildings and other establishments, or they may be self-employed. Apprentices are also included in this unit group.

 # 10

OCCUPATION IN THE TRADES, TRANSPORT AND EQUIPMENT OPERATORS AND RELATED SECTOR

3% of all the jobs in the sector

Number of jobs 2025

304

1%

Change in # of jobs 2024-2025

Median Earning (2023)

$36.83

Aging Workforce

53% Over the age of 45

Gender

100% Male -0% Female

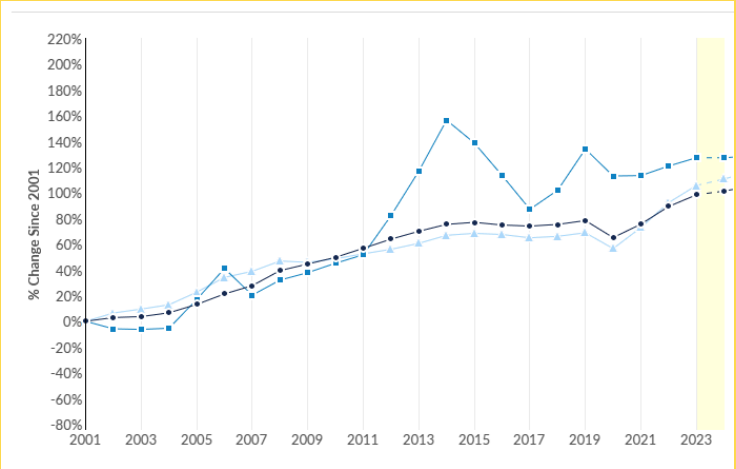
Earnings Range (2023)

$20.58 → $54.60

OCCUPATIONAL PROFILE ALGOMA

ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trends



Algoma (in Ontario) Ontario Canada

Job Title

- Apprentice construction electrician
- Apprentice electrician
- Building construction electrician
- Building electrician
- Construction and maintenance electrician
- Construction electrician
- Construction electrician apprentice
- Domestic and rural electrician
- Electrical apprentice
- Electrical distribution technician - Canadian Armed Forces

Industries of Employment

Building equipment contractors	66%
Iron and steel mills and ferro-alloy manufacturing	3%
General medical and surgical hospitals	3%
Gambling industries	3%
Local, municipal and regional public administration	3%

What Are The Typical Job Duties?

- Read and interpret drawings, circuit diagrams and electrical code specifications to determine wiring layouts for new or existing installations
- Pull wire through conduits and through holes in walls and floors
- Install brackets and hangers to support electrical equipment
- Install, replace and repair lighting fixtures and electrical control and distribution equipment, such as switches, relays and circuit breaker panels
- Splice, join and connect wire to fixtures and components to form circuits
- Test continuity of circuits using test equipment to ensure compatibility and safety of system, following installation, replacement or repair
- Troubleshoot and isolate faults in electrical and electronic systems and remove and replace faulty components
- Connect electrical power to audio and visual communication equipment, signalling devices and heating and cooling systems
- Conduct preventive maintenance programs and keep maintenance records.

Campus Based Courses Available in Algoma

- Construction and Maintenance Electrician (Sault College)

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	214	215	1	0%
Elliot Lake	16	16	0	0%

ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Construction millwrights and industrial mechanics NOC 72400

Construction millwrights and industrial mechanics install, maintain, troubleshoot, overhaul and repair stationary industrial machinery and mechanical equipment. This unit group includes industrial textile machinery mechanics and repairers. Construction millwrights are employed by millwrighting contractors. Industrial mechanics are employed in manufacturing plants, utilities and other industrial establishments. Apprentices are also included in this unit group.

 # 1

OCCUPATION IN THE TRADES, TRANSPORT AND EQUIPMENT OPERATORS AND RELATED SECTOR

8% of all the jobs in the sector

Number of jobs 2025

711

1%

Change in # of jobs 2024-2025

Median Earning (2023)

$40.99

Aging Workforce

58% Over the age of 45

Gender

100% Male -0% Female

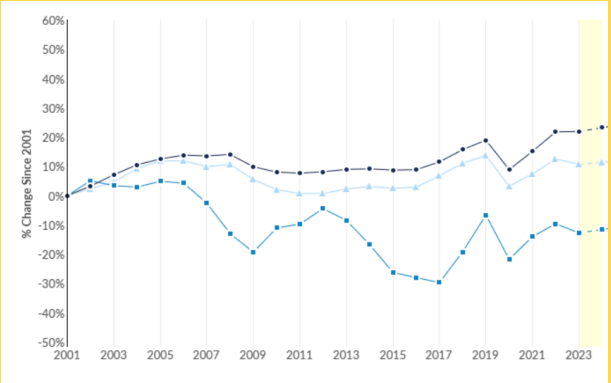
Earnings Range (2023)

$25.20 → $51.55

OCCUPATIONAL PROFILE ALGOMA

ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trades



Algoma (in Ontario) Ontario Canada

Job Title

- Card fixer
- Card grinder
- Construction millwright
- Industrial mechanic
- Industrial mechanic apprentice
- Industrial sewing machine mechanic
- Knitting machine mechanic
- Loom fixer
- Loom setter - textile manufacturing
- Loom technician

Industries of Employment

Iron and steel mills and ferro-alloy manufacturing	37%
Veneer, plywood and engineered wood product manufacturing	10%
Metal ore mining	7%
Sawmills and wood preservation	7%
Steel product manufacturing from purchased steel	5%

What Are The Typical Job Duties?

Construction millwrights and industrial mechanics

- Read blueprints, diagrams and schematic drawings to determine work procedures
- Install, align, dismantle and move stationary industrial machinery and mechanical equipment, such as pumps, fans, tanks, conveyors, furnaces and generators according to layout plans using hand and power tools
- Operate hoisting and lifting devices such as cranes, jacks and tractors to position machinery and parts during the installation, set-up and repair of machinery
- Inspect and examine machinery and equipment to detect and investigate irregularities and malfunctions

Textile machinery mechanics and repairers

- Apply mechanical repair principles and procedures to make sure that machinery runs properly
- Detect defects and excessive wear in machinery and identify slight differences in dimensions and shapes of component parts
- Repair and overhaul electrical and mechanical systems on textile machinery and replace and align moving parts as required
- Set-up and adjust complex machinery for new patterns and products

Campus Based Courses Available in Algoma

- Mechanical Techniques - Industrial Maintenance (Millwright) (Sault College)

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGES	2024-2025 % CHANGES
Sault Ste. Marie	505	511	6	1%
White River	30	30	0	0%
Wawa	19	18	(1)	(5%)
Blind River	18	19	1	6%

ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Structural metal and platework fabricators and fitters NOC 72104

Structural metal and platework fabricators and fitters fabricate, assemble, fit and install steel or other metal components for buildings, bridges, tanks, towers, boilers, pressure vessels and other similar structures and products. They are employed in structural steel, boiler and platework fabrication plants and by heavy machinery manufacturing and shipbuilding companies. Apprentices are also included in this unit group.

 # 47

OCCUPATION IN THE TRADES, TRANSPORT AND EQUIPMENT OPERATORS AND RELATED SECTOR

0% of all the jobs in the sector

Number of jobs 2025

27

(1%)

Change in # of jobs 2024-2025

Median Earning (2023)

$27.61

Aging Workforce

40% Over the age of 45

Gender

100% Male - 0% Female

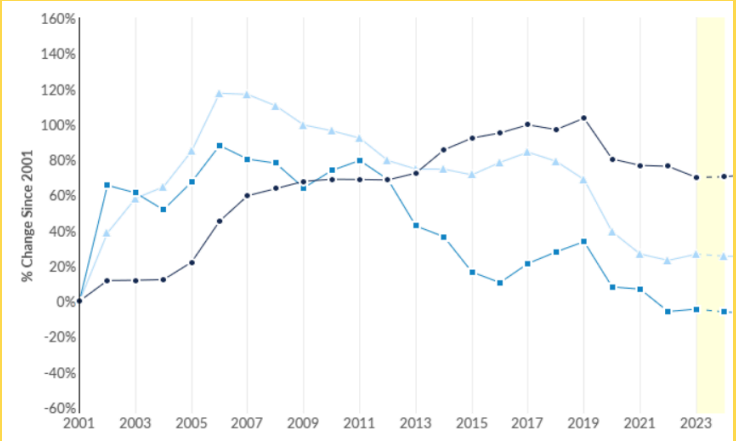
Earnings Range (2023)

$19.23 → $43.88

OCCUPATIONAL PROFILE ALGOMA

ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trends



Algoma (in Ontario) Ontario Canada

Job Title

- Metal fabricator
- Plater
- Platework fitter
- Shipfitter
- Shipfitter apprentice
- Steel fabricator
- Structural steel fitter

Industries of Employment

Iron and steel mills and ferro-alloy manufacturing	82%
Steel product manufacturing from purchased steel	7%
Metal service centres	4%
Other	8%

What Are The Typical Job Duties?

- Study engineering drawings and blueprints, determine the materials required, and plan the sequence of tasks to cut metal most efficiently
- Construct patterns and templates as guides for layouts
- Lay out reference points and patterns on heavy metal according to component specifications
- Rig, hoist and move materials to storage areas or within worksite
- Assemble and fit metal sections and plates to form complete units or subunits using tack welding, bolting, riveting or other methods
- Set up and operate various heavy-duty metal-working machines such as brake presses, shears, cutting torches, grinders and drills, including computer numerical control (CNC) equipment, to bend, cut, form, punch, drill or otherwise form heavy-metal components
- Install fabricated components in final product.

Campus Based Courses Available in Algoma

- Metal Fabrication Technician (Sault College)

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	27	27	0	0%

AWIC ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Audiologists and speech-language pathologists

NOC 31112

Audiologists diagnose, evaluate and treat individuals with peripheral and central hearing loss, tinnitus and balance problems. Speech-language pathologists diagnose, assess and treat human communication disorders including speech, fluency, language, voice and swallowing disorders. Audiologists and speech-language pathologists are employed in hospitals, community and public health centres, extended care facilities, day clinics, rehabilitation centres and educational institutions, or may work in private practice. Audiologists and speech-language pathologists who are supervisors are included in this unit group.

#23

OCCUPATION IN HEALTH SECTOR

1% of all the jobs in the sector

Number of jobs 2025

37

1%

Change in # of jobs 2024-2025

Median Earning (2023)

$41.69

Aging Workforce

0% Over the age of 45

Gender

0% Male - 100% Female

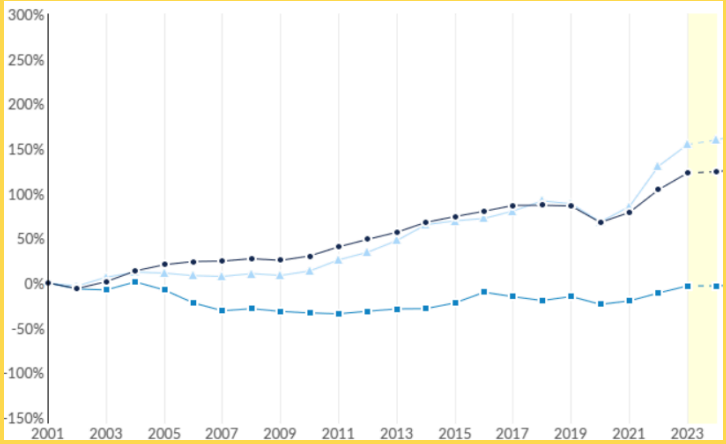
Earnings Range (2023)

$27.79 → $54.61

OCCUPATIONAL PROFILE ALGOMA

ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trades



Algoma (in Ontario) Ontario Canada

Job Title

- audiologist
- certified audiologist
- clinical audiologist
- educational speech-language pathologist
- research audiologist
- speech therapist
- speech-language clinician

Industries of Employment

General medical and surgical hospitals	32%
Offices of other health practitioners	16%
Out-patient care centres	16%
Elementary and secondary schools	14%

What Are The Typical Job Duties?

Audiologists

- Develop and administer audiometric tests and examinations using specialized instruments and electronic equipment to diagnose and evaluate the degree and type of patients' hearing impairment
- Plan and implement habilitation/rehabilitation programs for patients, including selection, fitting and adjustment of amplification devices, such as hearing aids, balance retraining exercises, and teaching speech (lip) reading
- Educate and counsel patients and families regarding the nature, extent, impact and implications of hearing loss and treatment

Speech-language pathologists

- Administer tests and examinations and observe patients to diagnose and evaluate speech, voice, resonance, language, fluency, cognitive-linguistic and swallowing disorders
- Develop, plan and implement remedial programs to correct speech, voice, language, fluency, resonance, cognitive-linguistic and swallowing disorders
- Establish group and personalized care plans working as a member of an interdisciplinary team

Campus Based Courses Available in Algoma

- No courses in local area

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	26	26	0	0%

AWIC ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Receptionists
NOC 14101

Receptionists greet people arriving at offices, hospitals and other establishments, direct visitors to appropriate person or service, answer and forward telephone calls, take messages, schedule appointments and perform other clerical duties. They are employed by hospitals, medical and dental offices and in other offices throughout the public and private sectors. Telephone operators are included in this group.

#5

OCCUPATION IN BUSINESS, FINANCE AND ADMINISTRATION SECTOR

6% of all the jobs in the sector

Number of jobs 2025

512

0%

Change in # of jobs 2024-2025

Median Earning (2023)

$20.55

Aging Workforce

47% Over the age of 45

Gender

3% Male - 97% Female

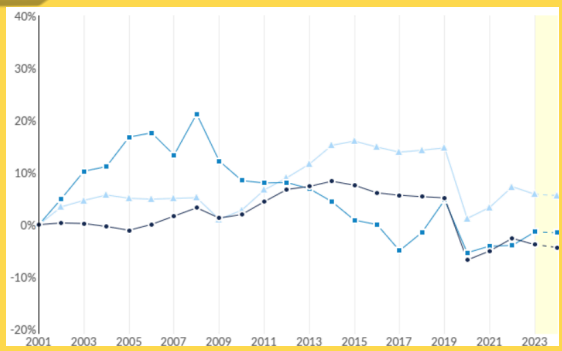
Earnings Range (2023)

$15.92 → $27.74

OCCUPATIONAL PROFILE ALGOMA

ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trades



Algoma (in Ontario) Ontario Canada

Job Title

- answering service operator
- appointment clerk
- business receptionist
- dental receptionist
- hospital admitting clerk
- medical receptionist
- office reception clerk
- receptionist
- switchboard operator
- telephone operator
- telephone service assistant
- telereceptionist
- toll operator

Industries of Employment

Offices of physicians	14%
Offices of dentists	11%
General medical and surgical hospitals	10%
Offices of other health practitioners	7%

What Are The Typical Job Duties?

Receptionist

- Greet people coming into offices and other establishments, direct them to the appropriate contacts or services, provide general information in person and by phone, and may perform clerical duties and maintain front desk security and security access lists
- Schedule appointments, using manual or computerized systems
- Record bookings, handle credit card checks, receive payment, issue receipts.

Hospital admitting clerks

- Interview patients to obtain and process information required to provide hospital and medical services
- Greet patients, schedule appointments, using manual or computerized systems, receive and record payment for services, and direct patients to appropriate areas.

Switchboard and answering service operators

- Operate a telephone system or switchboard to answer, screen and forward telephone calls, take messages and provide information as required, and may perform clerical duties
- Answer telephones and record and relay messages.

Telephone operators

- Operate telephone systems to advance and complete customers' telephone calls such as long distance, pay telephone, mobile radio/telephone and person to person calls, arrange teleconferences, provide relay phone service to persons with disabilities, and may calculate and record billing information.

Campus Based Courses Available in Algoma

- Office Assistant (Sault College)

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	388	387	(1)	0%
Elliot Lake	35	35	0	0%
Blind River	17	17	0	0%
Wawa	14	14	0	0%

ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Registered nurses and registered psychiatric nurses NOC 31301

Registered nurses and registered psychiatric nurses provide direct nursing care to patients, deliver health education programs and provide consultative services regarding issues relevant to the practice of nursing. They are employed in a variety of settings including hospitals, nursing homes, extended care facilities, rehabilitation centres, doctors' offices, clinics, community agencies, companies, private homes and public and private organizations or they may be self-employed.

 # 1

OCCUPATION IN HEALTH SECTOR

29% of all the jobs in the sector

Number of jobs 2025

1,499

3%

Change in # of jobs 2024-2025

Median Earning (2023)

$41.32

Aging Workforce

42% Over the age of 45

Gender

10% Male - 90% Female

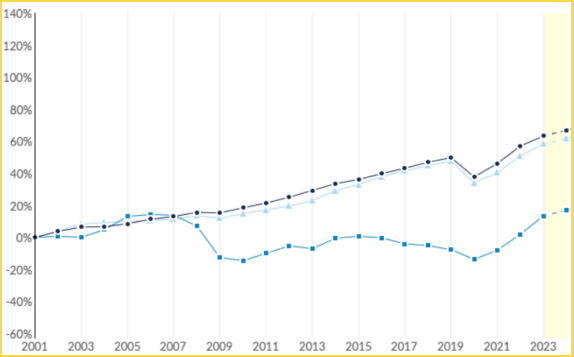
Earnings Range (2023)

$28.92 → $51.65

OCCUPATIONAL PROFILE ALGOMA

ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trades



Algoma (in Ontario) Ontario Canada

Job Title

- Clinical nurse
- Community healt nurse
- Critical care nurse
- Emergency care nurse
- Intensive care nurse
- Nurse researcher
- Nursing consultant
- Public health nurse
- Occupational health nurse
- Private duty nurse
- Public health nurse
- Registered nurse (R.N.)
- Registered psychiatric nurse (R.P.N.)

Industries of Employment

General medical and surgical hospitals	63%
Out-patient care centres	9%
Nursing care facilities	7%
Home health care services	4%

What Are The Typical Job Duties?

General duty registered nurses

- Assess patients to identify appropriate nursing interventions
- Collaborate with members of an interdisciplinary health team to plan, implement, coordinate and evaluate patient care in consultation with patients and their families
- Administer medications and treatments as prescribed by a physician or according to established policies and protocols
- Monitor, assess, address, document and report symptoms and changes in patients' conditions
- Operate or monitor medical apparatus or equipment
- Assist in surgery and other medical procedures
- May supervise licensed practical nurses and other nursing staff
- May develop and implement discharge planning process on admission of patients
- May teach and counsel patients and their families on health-related issues in collaboration with other health care providers.

REGION	2024	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	1,065	1,092	27	3%
Elliot Lake	151	155	4	3%
Blind River	97	100	3	3%
Thessalon	37	40	3	8%
Wawa	37	37	0	0%

Campus Based Courses Available in Algoma

- Pre-Health Sciences Pathway to Advanced Diplomas and Degrees (Sault College)
- Practical Nursing (Ontario College Diploma) (Sault College)
- Bachelor of Science - Nursing (Honours) (Degree) (Sault College)

AWIC ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Kinesiologists and other professional occupations in therapy and assessment NOC 31204

Kinesiologists and other professional occupations in therapy and assessment include specialized therapists who use techniques such as athletic or recreational therapy to aid in the treatment of mental and physical disabilities or injuries. They are employed by establishments such as hospitals, rehabilitation centres, extended health care facilities, clinics, recreational centres, nursing homes, industry, educational institutions and sports organizations, or they may work in private practice.

 # 25

OCCUPATION IN HEALTH SECTOR

1% of all the jobs in the sector

Number of jobs 2025

27

(2%)

Change in # of jobs 2024-2025

Median Earning (2023)

$29.50

Aging Workforce

0% Over the age of 45

Gender

0% Male - 0% Female

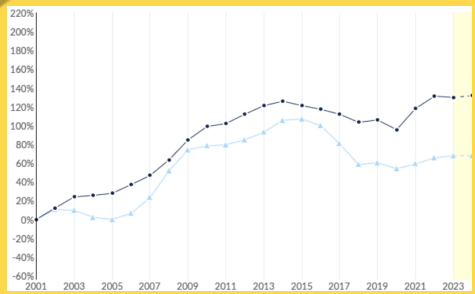
Earnings Range (2023)

$20.37 → $40.21

ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Employment Trends



Algoma (in Ontario) Ontario Canada

Job Title

- athletic therapist
- certified athletic therapist (CAT)
- certified kinesiologist
- exercise physiologist
- human kineticist
- kinesiologist
- recreational therapist

Industries of Employment

General medical and surgical hospitals	20%
Offices of other health practitioners	19%
Nursing care facilities	16%
Residential developmental handicap, mental health and substance abuse facilities	8%

What Are The Typical Job Duties?

- Assess patients and review reports from physicians, physiotherapists, psychiatrists, counsellors, teachers and other professionals to determine patients' current and potential functioning level
- Prepare individualized and group treatment plans either independently or through a multidisciplinary team approach, based on health concerns and on recommendations from physicians or other health professionals
- Design specialized therapy programs to maintain, rehabilitate or enhance movement, musculoskeletal functioning and performance in sports, work and recreation
- Implement treatment plans by carrying out specialized therapy sessions employing approaches and techniques such as recreational, sports or other movement therapy
- Observe, record observations and analyze patients during treatment sessions, write progress reports on patient outcomes and consult with other health professionals to evaluate treatment plans
- May provide education to clients regarding health promotion and injury prevention, management and treatment
- May conduct research in respective field of specialization.

Campus Based Courses Available in Algoma

- No courses in local area

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	22	21	(1)	(5%)

AWIC ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Food counter attendants, kitchen helpers and related support occupations NOC 65201

Food counter attendants and food preparers prepare, heat and finish cooking simple food items and serve customers at food counters. Kitchen helpers, food service helpers and dishwashers clear tables, clean kitchen areas, wash dishes, and perform various other activities to assist workers who prepare or serve food and beverages. They are employed by restaurants, cafés, hotels, fast food outlets, cafeterias, hospitals and other establishments.

#2

OCCUPATION IN THE SALES AND SERVICE SECTOR

9% of all the jobs in the sector

Number of jobs 2025

1,205

1%

Change in # of jobs 2024-2025

Median Earning (2023)

$ 15.80

Aging Workforce

18% Over the age of 45

Gender

31% Male - 69% Female

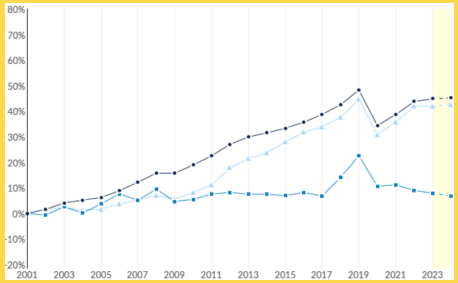
Earnings Range (2023)

$14.54 → $21.06

OCCUPATIONAL PROFILE ALGOMA

AWIC ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trades



Algoma (in Ontario) Ontario Canada

Job Title

- bartender helper
- bus boy/girl
- cafeteria counter attendant
- cook's helper
- dishwasher
- fast-food preparer
- food counter attendant
- food preparer
- food service helper
- ice cream counter attendant
- kitchen helper
- salad bar attendant
- sandwich maker

What Are The Typical Job Duties?

Food counter attendants and food preparers

- Take customers' orders
- Clean, peel, slice and trim foodstuffs using manual and electric appliances
- Use deep fryer, grill, oven, dispensers and other equipment to prepare fast food items such as sandwiches, hamburgers, fries, salads, ice cream dishes, milkshakes and other beverages
- Portion, assemble, and wrap food or place it directly on plates for service to patrons, and package take-out food
- Use equipment to prepare hot beverages such as coffee and tea specialties
- Serve customers at counters or buffet tables
- Stock refrigerators and salad bars and keep records of the quantities of food used
- May receive payment for food items purchased.

Kitchen helpers

- Wash and peel vegetables and fruit
- Wash work tables, cupboards and appliances
- Remove trash and clean kitchen garbage containers
- Unpack and store supplies in refrigerators, cupboards and other storage areas
- Sweep and mop floors, and perform other duties to assist cook and kitchen staff.

Food service helpers

- Clear and clean tables and trays in eating establishments
- Bring clean dishes, flatware and other items to serving areas and set tables
- Replenish condiments and other supplies at tables and in serving areas
- Remove dishes before and after courses
- Perform other duties such as scraping and stacking dishes, carrying linen to and from laundry area and running errands.

Dishwashers

- Wash dishes, glassware, flatware, pots and pans using dishwasher or by hand
- Place dishes in storage area
- Scour pots and pans, and may clean and polish silverware.

Industries of Employment

Full-service restaurants and limited-service eating places	80%
Nursing care facilities	3%
Special food services	2%
General medical and surgical hospitals	2%

Campus Based Courses Available in Algoma

- Food Service Worker (Certificate)
- Cook (Sault College)

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	935	939	4	0%
Elliot Lake	73	72	(1)	(1%)
Thessalon	34	36	2	6%
St. Joseph	29	30	1	3%
White River	26	27	1	4%

ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Machinists and Machining and Tooling Inspectors

NOC 72100

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 with precise dimensions. Machining and tooling inspectors inspect machined parts and tooling in order to maintain quality control standards. They are employed by machinery, equipment, motor vehicle, automotive parts, aircraft and other metal products manufacturing companies and by machine shops. Apprentices are also included in this unit group.

#25

OCCUPATION IN THE TRADES, TRANSPORT AND EQUIPMENT OPERATORS AND RELATED SECTOR

1% of all the jobs in the sector

Number of jobs 2025

107

(1%)

Change in # of jobs 2024-2025

Median Earning (2023)

$ 29.60

Aging Workforce

37% Over the age of 45

Gender

100% Male – 0% Female

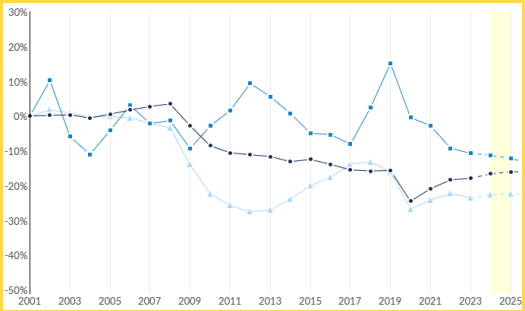
Earnings Range (2023)

$19.82 → $41.22

OCCUPATIONAL PROFILE ALGOMA

AWIC ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trades



Algoma (in Ontario) Ontario Canada

Job Title

- automotive machinist
- aviation machinist
- general machinist
- machine shop inspector
- machined parts inspector
- machining inspector
- machinist
- machinist apprentice
- tooling inspector

Industries of Employment

Iron and steel mills and ferro-alloy manufacturing	36%
Machine shops, turned product, and screw, nut and bolt manufacturing	20%
Steel product manufacturing from purchased steel	6%
Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	4%

What Are The Typical Job Duties?

Machinists

- Read and interpret engineering drawings, blueprints, charts and tables or study sample parts to determine machining operation to be performed, and plan best sequence of operations
- Compute dimensions and tolerances and measure and lay out work pieces
- Set up, operate and maintain a variety of machine tools including computer numerically controlled (CNC) tools to perform precision, non-repetitive machining operations such as sawing, turning, milling, boring, planing, drilling, precision grinding and other operations
- Fit and assemble machined metal parts and subassemblies using hand and power tools
- Verify dimensions of products for accuracy and conformance to specifications using precision measuring instruments
- May set up and program machine tools for use by machining tool operators.

Machining and tooling inspectors

- Verify dimensions of machined parts or tooling using micrometers, verniers, callipers, height gauges, optical comparators, coordinate measuring machines (CMM) or other specialized measuring instruments
- Maintain, repair and calibrate precision measuring instruments such as dial indicators, fixed gauges, height gauges and other measuring devices
- Report deviations from specifications and tolerances to supervisor
- Complete and maintain inspection reports.

Campus Based Courses Available in Algoma

- Mechanical Techniques - Machine Shop (Sault College)

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	95	94	(1)	(1%)

ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Mechanical Engineers NOC 21301

Mechanical engineers research, design and develop machinery and systems for heating, ventilating and air conditioning, power generation, transportation, processing and manufacturing. They also perform duties related to the evaluation, installation, operation and maintenance of mechanical systems. They are employed by consulting firms, by power-generating utilities and in a wide range of manufacturing, processing and transportation industries, or they may be self-employed.

#9

OCCUPATION IN THE TRADES, TRANSPORT AND EQUIPMENT OPERATORS AND RELATED SECTOR

4% of all the jobs in the sector

Number of jobs 2025

107

2%

Change in # of jobs 2024-2025

Median Earning (2023)

$ 49.76

Aging Workforce

38% Over the age of 45

Gender

100% Male - 0% Female

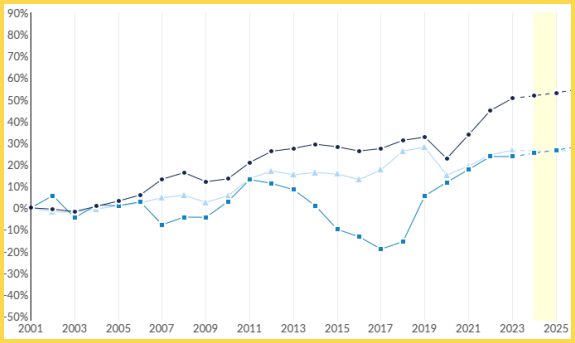
Earnings Range (2023)

$32.35 → $77.77

OCCUPATIONAL PROFILE ALGOMA

AWIC ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trades



Algoma (in Ontario) Ontario Canada

Job Title

- acoustics engineer
- automotive engineer
- design engineer - mechanical
- energy conservation engineer
- fluid mechanics engineer
- heating, ventilation and air conditioning (HVAC) engineer
- mechanical engineer
- mechanical maintenance engineer
- nuclear engineer
- piping engineer
- power generation engineer
- refrigeration engineer
- robotics engineer
- thermal design engineer
- tool engineer

What Are The Typical Job Duties?

- Conduct research into the feasibility, design, operation and performance of mechanisms, components and systems
- Plan and manage projects, and prepare material, cost and timing estimates, reports and design specifications for machinery and systems
- Design power plants, machines, components, tools, fixtures and equipment
- Analyze dynamics and vibrations of mechanical systems and structures
- Supervise and inspect the installation, modification and commissioning of mechanical systems at construction sites or in industrial facilities
- Develop maintenance standards, schedules and programs and provide guidance to industrial maintenance crews
- Investigate mechanical failures or unexpected maintenance problems
- Prepare contract documents and evaluate tenders for industrial construction or maintenance
- Supervise technicians, technologists and other engineers and review and approve designs, calculations and cost estimates.

Industries of Employment

Architectural, engineering and related services	21%
Iron and steel mills and ferro-alloy manufacturing	14%
Electric power generation, transmission and distribution	8%
Building equipment contractors	5%

Campus Based Courses Available in Algoma

- Mechanical Engineering Technician - Manufacturing Sault College
- Mechanical Techniques - Machine Shop Sault College
- Mechanical Techniques - Industrial Maintenance (Millwright) Sault College

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	76	76	0	0%

ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Heavy-Duty Equipment Mechanics NOC 72401

Heavy-duty equipment mechanics repair, troubleshoot, adjust, overhaul and maintain mobile heavy-duty equipment used in construction, transportation, forestry, mining, oil and gas, material handling, landscaping, land clearing, farming and similar activities. They are employed by companies which own and operate heavy equipment, and by heavy equipment dealers, rental and service establishments, railway transport companies and urban transit systems. Apprentices are also included in this unit group.

#6

OCCUPATION IN THE TRADES, TRANSPORT AND EQUIPMENT OPERATORS AND RELATED SECTOR

4% of all the jobs in the sector

Number of jobs 2025

382

3%

Change in # of jobs 2024-2025

Median Earning (2023)

$ 35.13

Aging Workforce

50% Over the age of 45

Gender

100% Male - 0% Female

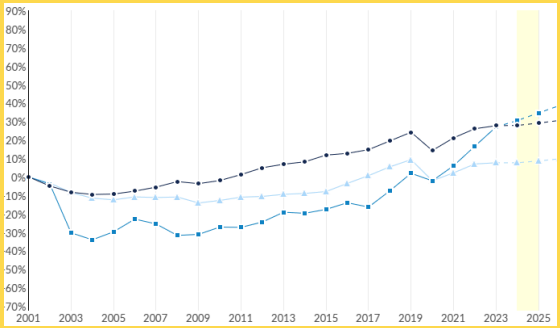
Earnings Range (2023)

$21.96 → $51.60

OCCUPATIONAL PROFILE ALGOMA

AWIC ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trades



Algoma (in Ontario) Ontario Canada

Job Title

- agricultural equipment technician
- construction equipment mechanic
- diesel mechanic - heavy equipment
- farm equipment mechanic
- heavy equipment mechanic
- heavy mobile logging equipment mechanic
- heavy mobile mining equipment mechanic
- heavy-duty equipment mechanic apprentice
- heavy-duty equipment technician
- locomotive mechanic
- tractor mechanic

What Are The Typical Job Duties?

- Check bulldozers, cranes, graders and other heavy construction, agricultural, logging and mining equipment for proper performance and inspect equipment to detect faults and malfunctions
- Diagnose faults or malfunctions using computerized and other testing equipment to determine extent of repair required
- Adjust equipment and repair or replace defective parts, components or systems, using hand and power tools
- Test repaired equipment for proper performance and to ensure that work meets manufacturers' specifications
- Clean, lubricate and perform other routine maintenance work on equipment
- Service attachments and working tools such as harvesting and tillage equipment, blades, ploughs, winches and side booms
- May perform repair work on heavy trucks
- May attach components and adjust new farm equipment.
- Heavy-duty mechanics may specialize in specific types of machinery such as combines or tracked vehicles, or in engine overhaul, power shift transmissions, fuel injection, hydraulics or electronics.

Industries of Employment

Metal ore mining	12%
Construction, forestry, mining, and industrial machinery, equipment and supplies merchant wholesalers	12%
Commercial and industrial machinery and equipment rental and leasing	8%
Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	6%

Campus Based Courses Available in Algoma

- Motive Power Fundamentals (Sault College)
- Heavy Equipment and Truck Repair (Sault College)

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	222	230	8	4%
White River	24	25	1	4%
Wawa	18	18	0	0%
Hornepayne	18	18	0	0%
Elliot Lake	15	15	0	0%

ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Dispatchers
NOC 14404

Dispatchers operate radios and other telecommunication equipment to dispatch emergency vehicles and to coordinate the activities of drivers and other personnel. They are employed by police, fire and health departments, other emergency service agencies, taxi, delivery and courier services, trucking and utilities companies, and other commercial and industrial establishments.

#22

OCCUPATION IN BUSINESS, FINANCE AND ADMINISTRATION OCCUPATIONS

1% of all the jobs in the sector

Number of jobs 2025

118

4%

Change in # of jobs 2024-2025

Median Earning (2023)

$ 27.40

Aging Workforce

47% Over the age of 45

Gender

31% Male - 69% Female

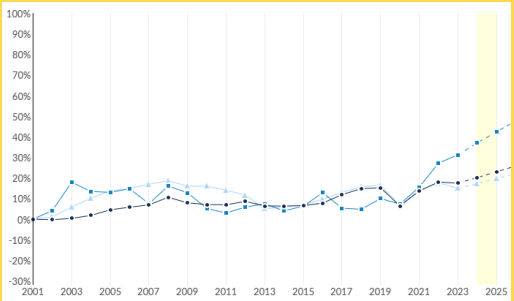
Earnings Range (2023)

$20.30 → $42.62

OCCUPATIONAL PROFILE ALGOMA

ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trades



Algoma (in Ontario) Ontario Canada

Job Title

- 911 dispatcher
- alarm system dispatcher
- ambulance dispatcher
- emergency vehicle dispatcher
- mobile equipment dispatcher
- radio operator
- taxi dispatcher
- tow truck dispatcher
- truck dispatcher
- utilities maintenance crew dispatcher

What Are The Typical Job Duties?

- Receive requests for emergency assistance or service and contact ambulances, police and fire departments, tow-trucks, and utility crews
- Process and transmit information and instructions to coordinate the activities of vehicle operators, crews and equipment using a variety of computer-aided communications and dispatching equipment
- Dispatch personnel according to written schedules and work orders, or as required by emergency situations
- Advise vehicle operators of route and traffic problems such as construction, accidents, congestion, weather conditions, weight and size restrictions and other information
- Operate radio equipment to communicate with ships, aircraft, mining crews, offshore oil rigs, logging camps and other remote operations
- Monitor personnel workloads and locations
- Maintain vehicle operator work records using computerized or manual methods and ensure time sheets and payroll summaries are completed accurately
- Maintain computer and manual records of mileage, fuel use, repairs and other expenses, and generate reports.

Industries of Employment

Local, municipal and regional public administration	24%
Taxi and limousine service	19%
Support activities for road transportation	11%
Investigation and security services	6%

Campus Based Courses Available in Algoma

- Heavy Duty Equipment Technician (Sault College)

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	82	86	4	5%

ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Heavy equipment operators NOC 73400

Heavy equipment operators operate heavy equipment used in the construction and maintenance of roads, bridges, airports, gas and oil pipelines, tunnels, buildings and other structures; in surface mining and quarrying activities; and in material handling work. They are employed by construction companies, heavy equipment contractors, public works departments and pipeline, logging, cargo-handling and other companies. Apprentices are also included in this unit group.

#4

OCCUPATION IN TRADES, TRANSPORT AND EQUIPMENT OPERATORS AND RELATED OCCUPATIONS

4% of all the jobs in the sector

Number of jobs 2025

409

3%

Change in # of jobs 2024-2025

Median Earning (2023)

$ 26.74

Aging Workforce

54% Over the age of 45

Gender

96% Male - 4% Female

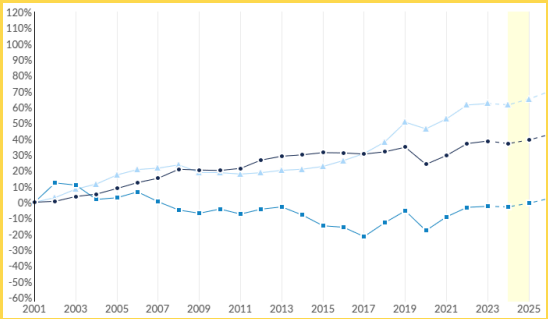
Earnings Range (2023)

$19.61 → $39.39

OCCUPATIONAL PROFILE ALGOMA

AWIC ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trades



Algoma (in Ontario) Ontario Canada

Job Title

- backhoe operator
- bulldozer operator
- excavator operator
- gradall operator
- grader operator
- heavy equipment operator
- heavy equipment operator apprentice
- loader operator - construction
- side boom tractor operator
- surface mining equipment operator

What Are The Typical Job Duties?

- Operate heavy equipment such as backhoes, bulldozers, loaders and graders to excavate, move, load and grade earth, rock, gravel or other materials during construction and related activities
- Operate bulldozers or other heavy equipment to clear brush and stumps prior to logging activities and to build roads at logging and surface mining sites
- Operate heavy equipment with pile driver head to drive piling into earth to provide support for buildings, bridges or other structures
- Operate heavy dredging equipment to deepen waterways or reclaim earth fill
- Operate heavy paving and surfacing equipment to lay, spread or compact concrete, asphalt and other surface materials during highway and road construction
- Operate power shovels to excavate rock, ore or other materials from open-pit mines, strip mines, quarries or construction pits
- Operate heavy equipment to move, load and unload cargo
- Conduct pre-operational checks on equipment and clean, lubricate and refill equipment.

Industries of Employment

Iron and steel mills and ferro-alloy manufacturing	13.9%
Other specialty trade contractors	13.5%
Highway, street and bridge construction	12.3%
Metal ore mining	10.1%

Campus Based Courses Available in Algoma

- Heavy Duty Equipment Technician (Sault College)

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	233	238	5	2%
White River	25	26	1	4%
Wawa	16	16	0	0%
Blind River	20	20	0	0%
Elliot Lake	12	13	1	5%

ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Cooks
NOC 63200

Cooks prepare and cook a wide variety of foods. They are employed in restaurants, hotels, hospitals and other health care institutions, central food commissaries, educational institutions and other establishments. Cooks are also employed aboard ships and at construction and logging campsites. Apprentices are also included in this unit group.

#35

OCCUPATION IN THE SALES AND SERVICE SECTOR

5% of all the jobs in the sector

Number of jobs 2025

622

1%

Change in # of jobs 2024-2025

Median Earning (2023)

$ 16.93

Aging Workforce

13% Over the age of 45

Gender

80% Male - 20% Female

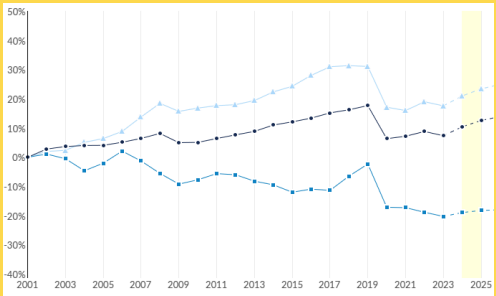
Earnings Range (2023)

$14.94 → $22.90

OCCUPATIONAL PROFILE ALGOMA

ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trades



Algoma (in Ontario) Ontario Canada

Job Title

- apprentice cook
- cook
- dietary cook
- first cook
- grill cook
- hospital cook
- institutional cook
- journeyman/woman cook
- licensed cook
- line cook
- second cook
- short order cook

What Are The Typical Job Duties?

- Prepare and cook complete meals or individual dishes and foods
- Prepare and cook special meals for patients as instructed by dietitian or chef
- Schedule and supervise kitchen helpers
- Oversee kitchen operations
- Maintain inventory and records of food, supplies and equipment
- May set up and oversee buffets
- May clean kitchen and work area
- May plan menus, determine size of food portions, estimate food requirements and costs, and monitor and order supplies
- May hire and train kitchen staff.

Industries of Employment

Full-service restaurants and limited-service eating places	76%
Traveller accommodation	4%
Gambling industries	3%
Special food services	3%

Campus Based Courses Available in Algoma

- Culinary Skills - Chef Training (Sault College)
- Cook (Sault College)

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	482	485	3	1%
Elliot Lake	35	35	0	0%
Thessalon	16	17	1	6%
White River	14	15	1	7%

ALGOMA WORKFORCE INVESTMENT CORPORATION

OCCUPATIONAL PROFILE ALGOMA

Hotel front desk clerks NOC 64314

Hotel front desk clerks make room reservations, provide information and services to guests and receive payment for services. They are employed by hotels, motels and resorts.

#38

OCCUPATION IN THE SALES AND SERVICE SECTOR

0% of all the jobs in the sector

Number of jobs 2025

64

3%

Change in # of jobs 2024-2025

Median Earning (2023)

$ 16.93

Aging Workforce

36% Over the age of 45

Gender

27% Male - 73% Female

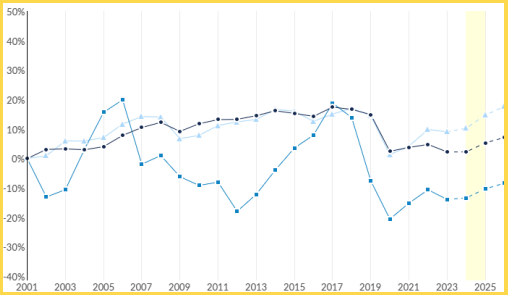
Earnings Range (2023)

$14.11 → $24.92

OCCUPATIONAL PROFILE ALGOMA

ALGOMA WORKFORCE INVESTMENT CORPORATION

Employment Trades



Algoma (in Ontario) Ontario Canada

Job Title

- guest services agent - hotel
- hotel front desk clerk
- night clerk
- reservations clerk - hotel
- room clerk

What Are The Typical Job Duties?

- Maintain an inventory of vacancies, reservations and room assignments
- Register arriving guests and assign rooms
- Answer enquiries regarding hotel services and registration by letter, by telephone and in person, provide information about services available in the community and respond to guests' complaints
- Compile and check daily record sheets, guest accounts, receipts and vouchers using computerized or manual systems
- Present statements of charges to departing guests and receive payment.

Industries of Employment	
Traveller accommodation	100%

Campus Based Courses Available in Algoma

- Office Assistant (Sault College)

REGION	2024 JOBS	2025 JOBS	2024-2025 CHANGE	2024-2025 % CHANGE
Sault Ste. Marie	50	52	2	4%

References

- National Occupation Classification (NOC) 2021Versoin 1.0 Statitstics Canada. https://www23.statcan.gc.ca/imdb/p3VD.pl?Function=getVD&TVD=1322554

- Lightcast https://lightcast.io/

- Sault College - Programs https://www.saultcollege.ca/explore-our-program/a-z