

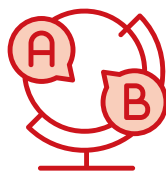


DEP 5833 PLUMBING AND HEATING

Plomberie et chauffage



Program Intake
January | May | September



Language of instruction
French or English



Location of the program
Québec City

The Plumbing and Heating program prepares students to practise the trade of pipe fitter. This trade is part of the building services sector and includes two specialties: plumbing and heating. Generally speaking, pipe fitters install, modify, repair and maintain plumbing and heating systems. More specifically, they work on pipes in water supply and drainage systems. They also work on pipes and other components of hydronic, steam, forced air, oil, radiant, natural gas and propane heating systems. They are interested in new technologies, in particular renewable energy (e.g. geothermic, solar).



PERSPECTIVE JOB TITLE

- Oil and solid fuel heating mechanics
- Plumbers
- Steamfitters, pipefitters and sprinkler system installers

ADMISSION CONDITIONS

- First or second class with minimum 50% in core subjects in 10+2 or 50% in core subjects of the technical diploma course in the relevant field
- SDS-Countries: IELTS 6.0 (nothing less than 5.0 band in any individual 2 modules)
- Non-SDS Countries: IELTS 5.5 (nothing less than 5.0 band in any 2 individual modules) or equivalent language proficiency (TOEFL, CAE, DUOLINGO)
- SDS-Countries: Grade 12 (India) or Grade 12 or Bachelors (other regions)
- Non-SDS Countries: Grade 12 or Bachelors or Equivalent



PROGRAM CONTENT

- Become familiar with the organizations involved in the construction industry
- To protect health, safety and physical integrity on construction sites
- Determine their suitability for the trade and the training process and their ability to communicate in the workplace
- Handle equipment, materials and products
- Assemble mechanical piping systems
- Install electrical components
- Interpret plans and specifications
- Install drainage systems
- Install ventilation systems
- Work on electrical and electronic control systems
- Do welding and brazing work
- Install hot and cold water distribution systems, plumbing fixtures and accessories
- Maintain and repair pipes, plumbing fixtures and accessories
- Present information about energy and heating
- Install, maintain and repair oil-burning appliances
- Install and repair direct and reverse heating systems
- Install and repair perimeter heating systems
- Install natural gas and propane-burning systems
- Install and repair radiant heating systems
- Install and repair low-pressure steam heating systems
- Use job search techniques

*SDS Countries: Philippines, China, India, Pakistan, Morocco, Senegal, Vietnam.

**Non-SDS Countries / Visa application under General Category in a SDS Country: Middle East, North Africa (Morocco incl.), Sub Sahara Africa (Senegal incl.), LatAm / Br, South East Asia (Vietnam and Philippines incl.), CIS.

PROGRAM

Plumbing and Heating

SANCTION

Diploma of Professional Studies (DEP 5833)

DURATION

2 Years / 4 Semesters