

Construction Skills

Program Locations:	Peterborough
Program Code:	CNS
Co-ordinator:	Scott Fleming
Credential:	Ontario College Certificate
Start Dates:	September 04, 2012 - January 07, 2013
Tuition Fees:	\$1,928.45 per semester. Tuition and fees subject to change.



This compressed 22 -week (1.5 semesters) Construction Skills program offers hands-on training in a variety of construction-related trades.

Program Highlights

You will be trained in hand and power tool usage, carpentry/framing techniques, blueprint reading, electricity basics, plumbing basics, welding, computer drafting and applied construction mathematics. An emphasis will be placed on trade-related health and safety measures. You will also learn the regulations and skills required to work in construction as well as new sustainable construction methods, materials and energy.

The ability to practice professional conduct on-site, and communicate and work effectively in a team environment will be key to your success. You will have the opportunity to practice and demonstrate these skills throughout the program.

The Construction Skills program opens up a number of options to you. You could:

- Graduate and seek employment in the construction sector
- Pursue an apprenticeship in a variety of construction-related trades
- Or use the Construction Skills program to explore which trades most interest you

Add more specialized skills by continuing on to one or more of our short, skilled trade programs such as Welding, Electrical Techniques, or Plumbing Techniques.

Is this You?

To be employed in construction you need to:

- be able to follow instructions carefully and work independently
- maintain safety at the site
- be able to multi-task
- adhere to industry-approved standards and relevant codes
- understand the basic processes and phases of construction projects
- complete projects according to blueprint specifications.

You must also be ready and able to work in a construction environment in all kinds of conditions.

Career Opportunities

Graduates will be prepared for work on residential, industrial and commercial construction sites, performing entry level tasks on projects such as:

- residential construction
- renovations
- maintenance
- finish carpentry
- electrical wiring
- solar energy installation
- welding, metal fabrication
- plumbing installations and repairs
- insulation and drywall installation
- exterior siding installation.

Minimum Admission Requirements

OSSD with the majority of credits at the Workplace (E) level, including English.

When Workplace (E) is the minimum course level for admission, (C) and (U/C) courses are also accepted.

Mature Students

If you are 19 years of age or older before classes start, and you do not possess an OSSD, you can write the Canadian Adult Achievement Test to assess your eligibility for admission.

Related Programs

You may also be interested in the Electrical Techniques , Welding Techniques or Plumbing Techniques program.

Additional Costs

Books approximately \$550; tools up to \$700 (including safety shoes and glasses).

Curriculum for Construction Skills

Semester 1

Code	Course Name	Hours
CRPT 2	Carpentry I	84
CRPT 3	Carpentry II	84
MECH 191	Drafting	21
ELCT 99	Electrical Wiring	42
MATH 119	Geometry & Layout	21
CNST 152	Health and Safety Applied Applications	28
CNST 151	Health and Safety Theory	21
MECH 189	Plumbing Supply Systems	42
CNST 125	Prints	35
MATH 121	Trade Calculations & Estimating	28
GNED 101	Preparing for a Career in the Skilled Trades	45

Semester 2

Code	Course Name	Hours
BUSN 126	Business Concepts	28
COMP 287	Computer Applications	28
CNST 130	Interior Trim and Exteriors	42
CNST 128	Sustainable Construction Materials	21
CNST 129	Sustainable Energy Systems	35
MECH 190	Welding	49

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