Construction Skills

Program Locations:	Peterborough (McRae Campus)
Program Code:	CNS
Co-ordinator:	Scott Fleming
Credential:	Ontario College Certificate
Start Dates:	September 03, 2013 · January 06, 2014
Tuition Fees:	$1,972.50 per semester. Tuition and fees subject to change.

Fleming College

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This Construction Skills program offers hands-on training in a variety of construction-related trades, with a focus on carpentry.

Program Highlights

In the 2-semester Construction Skills program you will be trained in carpentry/framing techniques, hand and power tool usage, blueprint reading, electricity basics, plumbing basics, welding, computer drafting and applied construction mathematics.The focus is on carpentry, as well as an on trade-related health and safety measures. You will also learn the regulations and skills required to work in construction.

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 carpentry
- 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
- welding, metal fabrication
- 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 7	Carpentry Theory I	30
CRPT 8	Carpentry Practices I	60
MATH 130	Trade Calculations I	45
MECH 252	Prints and Drafting	30
CNST 159	Health and Safety Theory Applications	45
COMM 166	College Communications for Skilled Trades	37
COMP 370	Computer Skills in Trades	30
GNED 14	Environmental Issues for Industry	45

Semester 2

Code	Course Name	Hours
CRPT 9	Carpentry Theory II	30
CRPT 10	Carpentry Practices II	75
CNST 160	Plans, Specifications & Codes for Carpentry	30
MECH 253	Preparing for Welding Processes & Practices	15
MECH 254	Welding Processes & Practices	45
CNST 161	Sustainable Building Practices	45
MATH 131	Trade Calculations II	45
MECH 255	Introduction to Mechanical Trades	45
CNST 165	Skilled Trades Portfolio Development	15

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