Carpenter, Apprenticeship

Carpenters construct, erect and repair buildings and other structures made of wood, wood substitutes, steel, concrete and other materials. Some carpenters specialize in a particular type of work such as forming, framing or finishing work. Experienced Carpenters may become Site Foreman, Job Superintendents, Project Managers or Contractors. They are involved in every step of construction and this overall knowledge is an advantage when applying for supervisory positions.

The Alberta Apprenticeship and Industry Training website http://tradesecrets.alberta.ca/ provides information on the process in becoming an apprentice, entrance requirements, training facilities and course dates provided in Alberta institutes.

What you can be with your Carpenter Apprenticeship training:

<table>
<thead>
<tr>
<th>Scaffold Erector #7271</th>
<th>Craftsperson #5244</th>
<th>Project Management Professional #0711</th>
<th>Site Superintendent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Manager</td>
<td>Residential Construction Site Manager #0711</td>
<td>Construction Estimator #2234</td>
<td>Industrial Construction Crew Supervisor #7212</td>
</tr>
<tr>
<td>College of Vocational Instructor #4131</td>
<td>General Contractor</td>
<td>Purchasing Agent #1225</td>
<td>Sales Representative #6411</td>
</tr>
<tr>
<td>Technical Sales Representative #6221</td>
<td>New Home Builder #0711</td>
<td>Renovation Contractor</td>
<td>Fire &amp; Flood Restoration Specialist</td>
</tr>
<tr>
<td>Cribbing, Framing, Finishing, Siding, Stair &amp; Railing Specialists</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

With additional training I could be:

<table>
<thead>
<tr>
<th>Cabinetmaker #7272</th>
<th>Roofer #7291.1</th>
<th>Concrete Finisher #0711</th>
<th>Interior Systems Mechanic #7284.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Codes Officer (Building Inspector) #2264</td>
<td>Career and Technology Studies Teacher #4141</td>
<td>Occupational Health and Safety Advisor #2263</td>
<td>Home Inspector #2264</td>
</tr>
<tr>
<td>Residential Designer</td>
<td>Stage &amp; Set Design and Construction</td>
<td>Heavy Equipment Operator #7421</td>
<td>Shipbuilding &amp; Repair</td>
</tr>
</tbody>
</table>

This career/job listing is only a sample of the possible career options; these are certainly not the only career/job options accessible with this degree/diploma. Some of the careers listed require further education.

For career information, enter the four digit number listed below in the Alberta Learning Information Services Website (www.alis.alberta.ca) or the National Occupational Classification Website (http://www5.hrsdc.gc.ca/NOC/).
RDC Career Services can help you explore your interests, identify your goals, discuss your career options and job search strategies and discover how to make the most of your education. Email or give us a call to connect with a career counsellor.

**RDC Department Information: Carpenter Apprenticeship** [www.rdc.ab.ca/programs/trades](http://www.rdc.ab.ca/programs/trades)

**Major skills obtained from Carpentry Apprenticeship training:**

- **Reading** – Ability to read blueprints, specifications and building codes
- **Document Use** – Interpret safety documentation and record keeping
- **Numeracy** – Calculate material quantities, analyze survey data and perform calculations required for the construction of stairs and roofs
- **Writing** – Write and record safety reports, write purchase orders for material and required change orders
- **Oral Communication** – Negotiate with trades and suppliers, interact with other carpenters and tradespeople to coordinate job scheduling and address safety concerns
- **Working with Others** – Work frequently in pairs, work with other trades and suppliers, work as a team to promote safety
- **Thinking** – refer to blueprints to obtain project information and analyze for errors, make decisions to use material and labour efficiently, make decisions for proper building techniques
- **Computer Use** – Use computers to electronically access blueprints and all construction documentation using laptops, tablets and smart phones.
- **Continuous Learning** – Keep up-to-date with codes, regulations, standards, materials, technology advancements and emerging skills.

**Professional Associations and Sites of Interest:**

- Alberta Apprenticeship and Industry training- [tradescrets.alberta.ca](http://tradescrets.alberta.ca)
- Canadian Home Builders’ Association-Alberta [www.chbaalberta.ca](http://www.chbaalberta.ca)
- Alberta Construction Association [albertaconstruction.net](http://albertaconstruction.net)
- BuildForce Canada [www.buildforce.ca](http://www.buildforce.ca)
- Canadian Home Builders’ Association – Central Alberta - [www.chbaca.ca](http://www.chbaca.ca)
- Red Deer Construction Association - [www.reddeerconstructionassociation.com](http://www.reddeerconstructionassociation.com)
- Red Deer College – [www.rdc.ab.ca/employment](http://www.rdc.ab.ca/employment)
- City of Red Deer – [www.reddeer.ca](http://www.reddeer.ca)
- Provincial Government of Alberta – [www.jobs.alberta.ca](http://www.jobs.alberta.ca)

Information adapted from [www.alis.gov.ab.ca](http://www.alis.gov.ab.ca), and [www.tradescrets.alberta.ca](http://www.tradescrets.alberta.ca)