

Carpenter

Carpentry is a program which covers the use, care and operation of basic tools and machinery, building layout, form construction and framing, interior and exterior finish with emphasis on the National Building Code standards and energy efficient concepts. Some of the duties include: read and interpret blueprints, drawings and sketches to determine specifications and calculate requirements, prepare layouts on conformance to building codes, using measuring tools, measure, cut, shape, assemble and join materials made of wood or wood substitutes, build foundations, install floor beams, lay subflooring and erect walls and roof systems, fit and install trim items, such as doors, stairs, molding and hardware. To enjoy this work, you should have the ability to stand, crouch and kneel for long periods of time, good manual dexterity, balance for working on scaffolding, be able to solve math problems quickly and accurately and have the ability to get along with others and work as a team. You will probably work a five day, forty hour week however; overtime may be required to meet construction schedules.

OUTCOMES

1. Demonstrate safe work practices and personal protection.
2. Use and maintain tools and equipment.
3. Interpret drawings and specifications.
4. Construct and install footing forms.
5. Prepare and install conventional floor framing.
6. Use various types of scaffolding.

ENTRANCE REQUIREMENTS

Eligibility for admission requires the applicant to meet one of the following academic criteria:

1. High School

High School Graduation

2. Comprehensive Arts and Science (CAS) Transition

Comprehensive Arts and Science (Transition) Certificate

3. Adult Basic Education

Adult Basic Education (Level III) Graduation with General College Profile (or Business Related College Profile or Degree and Technical Profile). It is strongly recommended that courses include the following:

- i. Mathematics MA3107A, MA3107B, MA3107C
- ii. Science 3101, 3102, 3103

4. Mature Student Status

Applicants who do not meet the educational prerequisites, are 19 years of age or older and have been out of school for at least one year, may be considered on an individual basis under the Mature Student Clause.

EMPLOYMENT OPPORTUNITIES

You may be employed by general contractors, contractors specializing in specific aspects of the construction trade, custom woodworking shops, building suppliers and as general carpenters working in a self-employed capacity.

CERTIFICATE

- Red Seal Certification
- One year
- Start date varies
- Carbonear, Clarenville, and St. Anthony Campuses

COURSES

CODE	TITLE	Hrs
Block 1 Entry Level		
AJ1111	Carpentry Fundamentals	74
AJ1160	Blueprint Reading	45
AJ1170	Residential Estimating	30
AJ1201	Layout & Footings	80
AJ1211	Wall Forms	80
AJ1221	Floor and Wall Framing	90
AJ1231	Exterior Finish	60
AJ1310	Roof Fundamentals	80
AJ1410	Interior Fundamentals	60
AJ1501	Interior Trim	60
AJ1601	Stair Fundamentals	60
AJ1760	Chain Saw Safety	4
AJ2430	Scaffolding	45
TS1510	Occupational Health and Safety	6
HE1620	Powerline Hazards	4
TS1520	WHMIS	6
TS1530	Standard First Aid	14
LA1100	Confined Space Awareness	6
LA1110	Fall Protection Awareness	6
CM2150	Workplace Communications	45
MC1050	Introduction to Computers	30
MR1220	Customer Service	30
SD1700	Workplace Skills	30
SD1710	Job Search Techniques	15
SD1720	Entrepreneurial Awareness	15
SP2330	Quality Assurance/Quality Control	30
MA1060	Basic Math	60
AP1100	Introduction to Apprenticeship	15
Block 2 Advanced Level		
AJ1121	Rigging for Carpentry	30
AJ2340	Advanced Roof Framing	120
AJ2420	Post and Beam	30
Block 3 Advanced Level		
AJ2220	Structural Formwork	90
AJ2230	Concrete Stair Forms	30
AJ2100	Advanced Blueprint Reading	60
Block 4 Advanced Level		
AJ2501	Cabinets and Shelving	60
AJ2800	Renovations	120
AJ2600	Interior Finish Stairs	60

