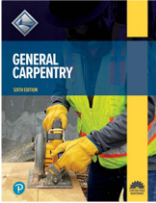


# General Carpentry

## GENERAL CARPENTRY



### Curriculum Notes

- 247.5 Hours (includes Core)
- Revised: 2022, Sixth Edition
- Downloadable instructor resources are available.

|                                                                          |                          |
|--------------------------------------------------------------------------|--------------------------|
| <b>HARDCOVER</b>                                                         | <b>ISBN</b>              |
| Trainee Guide: \$74.99                                                   | <b>978-0-13-769996-4</b> |
| <b>PAPERBACK</b>                                                         | <b>ISBN</b>              |
| Trainee Guide: \$74.99                                                   | <b>978-0-13-769997-1</b> |
| <b>DIGITAL</b>                                                           | <b>ISBN</b>              |
| NCCERconnect Access Code: \$74.99                                        | <b>978-0-13-787624-2</b> |
| NCCERconnect+<br>Hardcover Trainee Guide Access Code \$104.99            | <b>978-0-13-793355-6</b> |
| NCCERconnect+<br>Paperback Trainee Guide<br>with Pearson e-text \$104.99 | <b>978-0-13-793351-8</b> |
| Core + General Carpentry: \$137.98                                       | <b>978-0-13-821263-6</b> |

## MODULES

The modules listed here are included in the Trainee Guide. The following ISBNs are for ordering individual modules only.

### Orientation to Carpentry (2.5 Hours)

**ISBN 978-0-13-787637-2**

(Module ID 27101) Reviews the carpentry profession, describes the apprentice program, identifies career opportunities for carpenters, and lists the skills, responsibilities, and characteristics a carpenter should possess. Emphasizes the importance of site-specific safety and occupational safety relevant to the craft.

### Building Materials and Fasteners (20 Hours)

**ISBN 978-0-13-787638-9**

(Module ID 27102) Introduces building materials used in construction, including lumber, engineered wood products, concrete materials, steel framing, and a variety of fasteners and anchors. Also describes material handling and storage techniques, and basic calculations used to determine needed framing and concrete quantities.

### Construction Plans & Documents (20 Hours)

**ISBN 978-0-13-787633-4**

(Module ID 27113) Describes construction plans and documents used by carpenters, including drawings found in commercial and residential plans. Focuses on information included in civil, architectural, and structural drawings. Also covers the importance of specifications, and reviews building codes used by carpenters.

### Principles of Site and Building Layout (20 hours)

**ISBN 978-0-13-787635-8**

(Module ID 27114) Explains how carpenters use specific construction drawings, as well as measuring tools and leveling instruments to perform basic site and building layout activities. Along with providing step-by-step instructions, this module describes the use of construction drawings and math to guarantee the accuracy of the building site.

### Floor Systems (25 Hours)

**ISBN 978-0-13-787628-0**

(Module ID 27105) Introduces carpenters to drawings used to construct flooring systems. Defines framing basics and the procedures for laying out and constructing a wood floor using common lumber, as well as engineered building materials. Covers the installation of floor components including sill plates, beams, girders, joists, and subfloors.

### Wall Systems (10 Hours)

**ISBN 978-0-13-787629-7**

(Module ID 27111) Describes basic wall systems and provides step-by-step instructions for laying out and framing both wood and steel components. Explains the process for laying out and framing walls. Includes instructions for assembling, erecting, and verifying plumb for wall systems.

### Roof Framing (47.5 Hours)

**ISBN 978-0-13-787625-9**

(Module ID 27112) Describes the most common roof types and introduces basic roof framing components. Includes instructions for laying out rafters for gable roofs, hip roofs, and valley intersections. Covers stick-built and truss-built roofs, and includes the basics of roof sheathing installation.

### Basic Stair Layout (12.5 Hours)

**ISBN 978-0-13-787626-6**

(Module ID 27110) Introduces stair types, basic stair system components, and common codes associated with stairway construction. Explains essential stairway construction techniques, including how to construct stringers, measure and calculate rise and run, and build concrete stairway forms.

### Building Envelope Systems (12.5 Hours)

**ISBN 978-0-13-787639-6**

(Module ID 27109) Introduces the concepts of moisture and insulation control from the ground up. Describes types of building wrap, windows, skylights and doors, while providing instructions for installation.