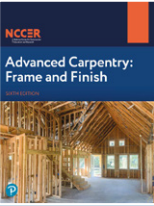


Advanced Carpentry

ADVANCED CARPENTRY FRAME AND FINISH



Curriculum Notes

- 297.5 Hours
- Revised: 2024, Sixth Edition
- Downloadable instructor resources are available.

HARDCOVER

Trainee Guide: \$74.99

ISBN 978-0-13-817243-5

PAPERBACK

Trainee Guide: \$102.99

ISBN 978-0-13-817241-1

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NCCERconnect Access Code: \$102.99

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MODULES

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

The Building Process (5 Hours)

ISBN 978-0-13-832364-6

(Module ID 27213) Provides an overview of the stages in the building process and the roles of people involved, as well as the codes and standards that apply to construction projects.

Site Preparation (7.5 Hours)

ISBN 978-0-13-832365-3

(Module ID 27409) Covers the planning process that precedes the start of work on a construction site, including environmental considerations, personnel issues, access roads, traffic control, permits, site safety, utilities, and crane-related concerns.

Wall Systems and Installation (25 Hours)

ISBN 978-0-13-832369-1

(Module ID 27404) Covers installation of a variety of finishing materials, including concrete masonry units and brick. Also covers installation of curtain walls, structural insulated panels, and fire-rated commercial construction.

Roofing Applications (35 hours)

ISBN 978-0-13-832372-1

(Module ID 27202) Covers residential and commercial roofing materials and structures and describes the procedures for installing commercial roofing such as lap seam, standing seam, and built-up roofs.

Steel Framing Systems (15 Hours)

ISBN 978-0-13-832373-8

(Module ID 27205) Describes the types and grades of steel framing materials, and includes instructions for selecting and installing metal framing for interior and exterior walls, loadbearing and nonbearing walls, partitions, and other applications.

Thermal and Moisture Protection (7.5 Hours)

ISBN 978-0-13-832377-6

(Module ID 27203) Covers the selection and installation of various types of insulating materials in walls, floors, and attics. Also covers the uses and installation practices for sound insulation, vapor barriers, and waterproofing materials.

Drywall Installation (25 Hours)

ISBN 978-0-13-819610-3

(Module ID 45104) Discusses types of gypsum drywall, their uses, and the fastening devices and methods used to install them. Describes installing drywall on walls and ceilings using nails, drywall screws, and adhesives. Also covers fire- and sound-rated walls.

Interior Finish, Trim, and Cabinets (30 Hours)

ISBN 978-0-13-832380-6

(Module ID 27215) Describes the different types of trim used in finish work and focuses on the proper methods for selecting, cutting, and fastening trim to achieve a professional finished appearance. Provides detailed instructions for the selection and installation of base and wall cabinets and countertops.

Doors and Door Hardware (25 Hours)

ISBN 978-0-13-830246-7

(Module ID 27208) Describes the installation of metal doors and related hardware in steel-framed, wood-framed, and masonry walls, along with their related hardware, such as locksets and door closers. Also discusses the installation of wood doors, folding doors, and pocket doors.

Suspended and Acoustical Ceilings (15 Hours)

ISBN 978-0-13-830247-4

(Module ID 27209) Describes the materials, layout, and installation procedures for suspended ceilings used in commercial construction. Also covers ceiling tiles, drywall suspension systems, and pan-type ceilings.

Finished Stairs (25 Hours)

ISBN 978-0-13-832382-0

(Module ID 27405) Provides extensive coverage of the materials and techniques used in finishing wooden staircases. Also covers a variety of stair systems used in commercial construction.

Exterior Finish and Trim (35 Hours)

ISBN 978-0-13-832390-5

(Module ID 27204) Covers the various types of exterior finish materials and their installation procedures, including wood, metal, vinyl, and fiber-cement siding.

Mass Timber Construction (25 Hours)

ISBN 978-0-13-832367-7

(Module ID 27214) Describes the various types of mass timber, including the tools and building techniques needed for mass timber projects. Provides an overview of the mass timber building process.

Introduction to Leadership (22.5 Hours)

ISBN 978-0-13-828931-7

(Module ID 46100) Introduces leadership skills and different leadership styles, as well as communication and problem solving techniques. Jobsite safety and safety leadership are also discussed. Introduces business topics that are important to understand for construction projects.