



Core Curriculum: Introductory Craft Skills

CORE CURRICULUM



INTRODUCTORY CRAFT SKILLS

Curriculum Notes

- Core Curriculum is a prerequisite to most Level 1 completions and must be purchased separately.
- 72.5 Hours; plus 15 Elective/Optional Hours
- Revised: 2009, Fourth Edition
- Trainee Guide and individual trainee modules are full color.
- Instructor's Guide includes access code to download TestGen software, module exams, and performance profiles from www.nccerirc.com.
- Lesson plans available for download and with IG to help instructors comply with the 2011 version of OSHA's 10-hour Construction Industry training guidelines.
- A Spanish translation of the third edition is available. Please see NCCER's online catalog for more information.

HARDCOVER ISBN
Trainee Guide: \$52 **978-0-13-608636-9**

PAPERBACK ISBN
Trainee Guide: \$49 **978-0-13-608637-6**
Instructor's Guide: \$49 **978-0-13-608639-0**

NCCERconnect **NEW!** ISBN
See page 8 for details.
Trainee Guide Hardcover + Access Card Package: \$77 **978-0-13-286945-4**
Trainee Guide Paperback + Access Card Package: \$74 **978-0-13-286944-7**
IG Paperback + Access Card Package: \$49 **978-0-13-287037-5**
Access Card ONLY for Trainee Guide: \$52 (does not include print book) **978-0-13-256093-1**
ELECTRONIC Access Code ONLY for Trainee Guide: \$52 (must be ordered electronically via OASIS; does not include print book) **978-0-13-292115-2**

Product Supplements

PowerPoint® Presentation Slides ISBN 978-0-13-609080-9 \$40

MODULES

All of the modules listed below are included in the Trainee and Instructor Guide(s) listed above. The following ISBN and pricing information is for ordering individual modules only.

Basic Safety (12.5 Hours)

Trainee \$19 ISBN 978-0-13-609875-1
Instructor \$19 ISBN 978-0-13-609921-5
(Module ID 00101-09) Complies with OSHA-10 training requirements. Explains safety obligations to ensure a safe workplace. Discusses causes and results of accidents and their financial impact. Defines safe work procedures, proper use of personal protective equipment, and hazardous chemicals. Discusses hazardous material exposures, welding and cutting hazards, and confined spaces.

Introduction to Construction Math (10 Hours)

Trainee \$19 ISBN 978-0-13-609877-5
Instructor \$19 ISBN 978-0-13-609922-2
(Module ID 00102-09) Reviews basic mathematical functions and explains their applications to the construction trades. Explains how to use and read length measurement tools. Reviews decimal-fraction conversions and basic geometry.

Introduction to Hand Tools (10 Hours)

Trainee \$19 ISBN 978-0-13-609878-2
Instructor \$19 ISBN 978-0-13-609923-9
(Module ID 00103-09) Introduces hand tools that are widely used in the construction industry. Explains specific applications and how to use them properly. Describes hand tool safety and maintenance.

Introduction to Power Tools (10 Hours)

Trainee \$19 ISBN 978-0-13-609914-7
Instructor \$19 ISBN 978-0-13-609924-6
(Module ID 00104-09) Provides descriptions of commonly used power tools, and power tool applications, proper use, safety, and maintenance.

Introduction to Construction Drawings (10 Hours)

Trainee \$19 ISBN 978-0-13-609915-4
Instructor \$19 ISBN 978-0-13-609926-0
(Module ID 00105-09) Covers construction drawings, components, and symbols. Discusses different types of drawings and describes how to interpret and use drawing dimensions. Four oversized drawings are included.

Basic Rigging (15 Elective Hours)

Trainee \$19 ISBN 978-0-13-609916-1
Instructor \$19 ISBN 978-0-13-609927-7
(Module ID 00106-09) Explains how to safely move material and equipment from one location to another on a job site. Describes inspection techniques and load-handling safety practices. Also reviews ASME hand signals.

Basic Communication Skills (7.5 Hours)

Trainee \$19 ISBN 978-0-13-609917-8
Instructor \$19 ISBN 978-0-13-609928-4
(Module ID 00107-09) Provides techniques for communicating effectively. Includes examples that emphasize the importance of both verbal and written communication on the job. Telephone and e-mail communication skills are also covered.

Basic Employability Skills (7.5 Hours)

Trainee \$19 ISBN 978-0-13-609919-2
Instructor \$19 ISBN 978-0-13-609929-1
(Module ID 00108-09) Identifies the roles of individuals and companies in the construction industry. Discusses critical thinking and problem solving skills. Covers basic computer systems and their industry applications. Reviews relationship skills, effective self-presentation, and workplace issues such as sexual harassment, stress, and substance abuse.

Introduction to Materials Handling (5 Hours)

Trainee \$19 ISBN 978-0-13-609920-8
Instructor \$19 ISBN 978-0-13-609930-7
(Module ID 00109-09) Describes hazards associated with materials handling and safe materials handling techniques and procedures. Introduces materials handling equipment for common job-site tasks.

