



CORE LEVEL TEST SPECIFICATIONS

Focus Statement

An entry-level craftsperson has the basic knowledge and skills to enter the construction or maintenance industry and continue training in a specific craft area. Entry-level craft persons must understand OSHA requirements, including use of personal protective equipment, handling of hazardous chemicals, and recognizing potential unsafe working conditions; interpret construction drawings; apply basic math functions to real-life problems; use and care for hand and power tools; practice proper material handling techniques; and work safely in the vicinity of rigging operations. In addition, entry-level workers are able to communicate effectively with coworkers and supervisors while maintaining workplace professionalism.

Overview

- Updated: January 2022
- Three-hour closed-book examination
- This test is only available online, through NCCER’s Testing System
- May use a basic function, non-printing calculator. The NCCER Testing System has a built-in basic function calculator as part of the test features.
- No extra papers, books, notes or study materials are allowed
- Corresponding hands-on Performance Profiles are available as indicated below.

The minimum passing score is 70

Knowledge Contents:

Module ID	Module Title	Number of Items	Performance Profile?
00101	Basic Safety (Construction Site Safety Orientation)	23	Yes
00102	Introduction to Construction Math	28	Yes
00103	Introduction to Hand Tools	15	Yes
00104	Introduction to Power Tools	19	Yes
00105	Introduction to Construction Drawings	8	Yes
00106	Introduction to Basic Rigging (<i>optional</i>)	7	Yes
00107	Basic Communication Skills	7	Yes
00108	Basic Employability Skills	15	NO
00109	Introduction to Material Handling	8	Yes
Total Number of Items		130	

NCCER Curriculum

All NCCER level/module tests are referenced to NCCER’s curriculum modules as listed on this specification sheet. You may order modules from Pearson (800.922.0579) or from NCCER’s Online Catalog at www.nccer.org.

- Core Curriculum: Introductory Craft Skills, Trainee Guide – Edition 6, Level 1; NCCER; revised in 2021. Order from Pearson using ISBN 978-0-13-748334-1.

Test Development

All questions are developed and approved by subject matter experts under the direction of NCCER.

Credentials

Upon successful completion of the Core level test and all corresponding performance profiles, NCCER will send applicable credentials to the Accredited Training Sponsor .

Score Report and Training Prescription

Each test taker will be provided their score, onscreen, at the conclusion of their test. The instructor/curriculum proctor will be able to access the test taker’s score information and provide a printable score report and training prescription.

NCCER Registry

Successful completions of the Level test are recorded in the Registry System and become a part of the individual’s portable credentials.

NOTE ON PERFORMANCE TESTING

Performance Profile Sheet(s) are included in a format that can be easily photocopied for each trainee. This examination is designed to measure competency in the tasks taught in each module.

Please note the number of tasks to be tested while teaching each module. Each trainee should be tested on all the tasks listed on the Performance Profile Sheet(s). Before performance testing, the instructor should brief the trainees on:

- Test objectives and criteria
- Safety precautions
- Procedures for each task to be tested

The instructor administering the performance testing should also do the following:

- Ensure that all of the needed equipment is available and operating properly.
- Set up the testing stations.
- Organize and administer the test in a way that allows for optimal performance.
- Complete the Performance Profile Sheet(s) for each trainee by assigning a pass/fail score for each listed task. Also, include the testing date, and start and end times for each task in the rating boxes.
- Monitor adherence to all safety regulations and precautions.
- Provide adequate supervision to prevent injuries.
- Take immediate and effective action to remedy any emergency.

Performance Testing

If Performance Testing is done as part of the NCCER Standardized Craft Training Program, the following conditions must be met:

1. The Craft Instructor must hold valid NCCER instructor certification.
2. The training must be delivered through an Accredited Training Sponsor recognized by NCCER.
3. The specific performance testing must be completed successfully.
4. The results of the testing must be recorded on the Registration of Training Modules Form. This form must be provided to the local Accredited Training Sponsor to be forwarded to the NCCER Registry.

Performance Profile Sheet

NCCER Training

Craft: Core: Introduction to Basic Construction Skills, 6th Ed.

Module: 00101-LE

Module Title: Basic Safety (Construction Site Safety Orientation)



TRAINEE NAME: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Be sure to list the date the testing for each task was completed.

Recognition: When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	Properly set up and climb/descend an extension ladder, demonstrating proper three-point contact.				
2	Inspect the following PPE items and determine if they are safe to use:				
2	Eye protection				
2	Hearing protection				
2	Hard hat				
2	Gloves				
2	Fall arrest harnesses				
2	Lanyards				
2	Connecting devices				
2	Approved footwear				
2	Properly don, fit, and remove the following PPE items:				
2	Eye protection				
2	Hearing protection				
2	Hard hat				
2	Gloves				
2	Fall arrest harness				
4	Inspect a typical power cord and GFCI to ensure their serviceability.				

Please make sure that both the Candidate/Trainee and Performance Evaluator sign and date this form in the space provided.

Signatures:

I, the undersigned, acknowledge the successful completion of the above performance task(s) under the supervision of an NCCER certified Performance Evaluator.

Candidate/Trainee: _____ Date: _____

Performance Evaluator: _____ Date: _____

Performance Profile Sheet

NCCER Training

Craft: Core: Introduction to Basic Construction Skills, 6th Ed.

Module: 00102-LE

Module Title: Introduction to Construction Math



TRAINEE NAME: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Be sure to list the date the testing for each task was completed.

Recognition: When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
4	Using a measuring tape, measure lumber pieces in both English and metric units.				
4	Using a measuring tape, measure a room-sized space in both English and metric units.				
4	Using a measuring tape, determine a short inside measurement in both English and metric units.				
4	Add English measurements that include fractions.				

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Candidate/Trainee: _____ Date: _____

Performance Evaluator: _____ Date: _____

Performance Profile Sheet

NCCER Training

Craft: Core: Introduction to Basic Construction Skills, 6th Ed.

Module: 00103-LE



Module Title: Introduction to Hand Tools

TRAINEE NAME: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Be sure to list the date the testing for each task was completed.

Recognition: When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	Inspect and demonstrate the safe and proper use of the following hand tools:				
1	Hammers				
1	Demolition tools				
1	Chisels and punches				
1	Screwdrivers				
1	Adjustable wrenches				
1	Non-adjustable wrenches				
1	Sockets				
1	Pliers				
1	Tape measures				
1	Levels				
1	Squares				
1	Handsaws				
1	Clamps				
1	Files				
<i>Continued...</i>					

1	Utility knives				
1	Shovels				

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Candidate/Trainee: _____ Date: _____

Performance Evaluator: _____ Date: _____

Performance Profile Sheet

NCCER Training

Craft: Core: Introduction to Basic Construction Skills, 6th Ed.

Module: 00104-LE



Module Title: Introduction to Power Tools

TRAINEE NAME: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Be sure to list the date the testing for each task was completed.

Recognition: When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	Safely and properly demonstrate the use of the following tools:				
1	Electric drill (corded or cordless)				
1	Hammer drill				
1	Impact driver				
1	Circular saw				
1	Jigsaw				
1	Reciprocating saw				
1	Portable band saw				
1	Miter or cutoff saw				
1	Table saw				
1	Portable or bench grinder				
1	Oscillating multi-tool				
1	Power nailer				

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Candidate/Trainee: _____ Date: _____

Performance Evaluator: _____ Date: _____

Performance Profile Sheet

NCCER Training

Craft: Core: Introduction to Basic Construction Skills, 6th Ed.

Module: 00105-LE

Module Title: Introduction to Construction Drawings



TRAINEE NAME: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Be sure to list the date the testing for each task was completed.

Recognition: When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	Using the residential floor plan and elevations supplied in Appendix D:				
1	<ul style="list-style-type: none">• Locate the wall common to bedroom #3 and the garage				
1	<ul style="list-style-type: none">• Determine the overall width of the home				
1	<ul style="list-style-type: none">• Calculate the distance from the outside northwest corner of the house to the center of the window in bedroom #2				
1	<ul style="list-style-type: none">• Determine the overhang of the eaves				
1	<ul style="list-style-type: none">• Using an architect's scale, determine the width of the garage				

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Signatures:

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Candidate/Trainee: _____ Date: _____

Performance Evaluator: _____ Date: _____

Performance Profile Sheet

NCCER Training

Craft: Core: Introduction to Basic Construction Skills, 6th Ed.

Module: 00106-LE

Module Title: Introduction to Basic Rigging



TRAINEE NAME: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Be sure to list the date the testing for each task was completed.

Recognition: When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	Demonstrate the proper ASME Emergency Stop hand signal.				
1	Demonstrate the ability to report the load capacity of a sling, and if the sling is too damaged to use.				

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Signatures:

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Candidate/Trainee: _____ Date: _____

Performance Evaluator: _____ Date: _____

Performance Profile Sheet

NCCER Training

Craft: Core: Introduction to Basic Construction Skills, 6th Ed.

Module: 00107-LE

Module Title: Basic Communication Skills



TRAINEE NAME: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Be sure to list the date the testing for each task was completed.

Recognition: When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	Perform a given task after listening to oral instructions.				
1	Fill out a work-related form provided by your instructor.				
1, 2	Read and interpret a set of instructions for properly donning a safety harness and then orally instruct another person on how to don the harness.				

Please make sure that both the Candidate/Trainee and Performance Evaluator sign and date this form in the space provided.

Signatures:

I, the undersigned, acknowledge the successful completion of the above performance task(s) under the supervision of an NCCER certified Performance Evaluator.

Candidate/Trainee: _____ Date: _____

Performance Evaluator: _____ Date: _____

**00108 has no Performance Profile Sheet;
no performance testing is required for this module.**

Performance Profile Sheet

NCCER Training

Craft: Core: Introduction to Basic Construction Skills, 6th Ed.

Module: 00109-LE



Module Title: Introduction to Material Handling

TRAINEE NAME: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Be sure to list the date the testing for each task was completed.

Recognition: When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	Demonstrate safe manual lifting techniques.				
1	Demonstrate how to tie two of the following common knots:				
1	Square				
1	Bowline				
1	Half hitch				
1	Clove hitch				

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Signatures:

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Candidate/Trainee: _____ Date: _____

Performance Evaluator: _____ Date: _____