



NCCER PRE- AND POST-TEST INFORMATION SHEET

These tests are designed to be used as a diagnostic pre- and post-tests to gauge the trainee's knowledge gain during the course of academic instruction and will not result in an NCCER credential.

TEST OVERVIEW

- One-hour time limit
- Closed-book examination
- No extra papers, books, notes or study materials are allowed
- Passing score is 70
- Test scores automatically upon completion. Scores accessible to proctor via Proctor Console and to instructor via TMS login.

AVAILABLE TESTS

- Core
- Carpentry
- Construction Technology
- Electrical
- Heavy Equipment Operations
- HVAC
- Masonry
- Welding

TEST CONTENTS

ACADEMIC CORE CRAFT SKILLS - LEVEL ONE
Basic Safety (Construction Site Safety Orientation)
Introduction to Construction Math
Introduction to Hand Tools
Introduction to Power Tools
Introduction to Construction Drawings
Introduction to Basic Rigging
Basic Communication Skills
Basic Employability Skills
Introduction to Material Handling
Total Number of Questions: 50

ACADEMIC CARPENTRY - LEVEL ONE
Orientation to the Trade
Building Materials, Fasteners, and Anchors
Hand and Power Tools
Introduction to Construction Drawings, Specifications, and Layout
Floor Systems
Wall Systems
Ceiling Joist and Roof Framing
Introduction to Building Envelope Systems
Basic Stair Layout
Total Number of Questions: 50

ACADEMIC CONSTRUCTION TECHNOLOGY - LEVEL ONE
Introduction to Masonry
Masonry Units and Installation Techniques
Floor Systems
Ceiling Joist and Roof Framing
Roofing Applications
Wall Systems
Exterior Finishing
Basic Stair Layout
Electrical Safety
Residential Electric Services
Introduction to HVAC
Introduction to Drain, Waste, and Vent (DWV) Systems
Plastic Pipe and Fittings
Copper Tube and Fittings
Cabinetmaking
Cabinet Installation
Introduction to Construction Equipment
Total Number of Questions: 50

ACADEMIC ELECTRICAL - LEVEL ONE	
Orientation to the Electrical Trade	
Electrical Safety	
Introduction to Electrical Circuits	
Electrical Theory	
Introduction to the National Electric Code®	
Device Boxes	
Hand Bending	
Raceways and Fittings	
Conductors and Cables	
Basic Electrical Construction Drawings	
Residential Electrical Service	
Electrical Test Equipment	
	Total Number of Questions: 50

ACADEMIC HEAVY EQUIPMENT OPERATIONS - LEVEL ONE	
Orientation to the Trade	
Heavy Equipment Safety	
Identification of Heavy Equipment	
Basic Operational Techniques	
Utility Tractors	
Introduction to Earthmoving	
Grades, Part One	
	Total Number of Questions: 50

ACADEMIC HVAC - LEVEL ONE
Introduction to HVAC
Trade Mathematics
Basic Electricity
Introduction to Heating
Introduction to Cooling
Introduction to Air Distribution Systems
Basic Copper and Plastic Piping Practices
Soldering and Brazing
Basic Carbon Steel Piping Practices
Total Number of Questions: 50

ACADEMIC MASONRY - LEVEL ONE
Introduction to Masonry
Masonry Safety
Masonry Tools and Equipment
Measurements, Drawings, and Specifications
Mortar
Masonry Units and Installation Techniques
Total Number of Questions: 50

ACADEMIC WELDING - LEVEL ONE
Welding Safety
Oxyfuel Cutting
Plasma Arc Cutting
Air-Carbon Arc Cutting and Gouging
Base Metal Preparation
Weld Quality
SMAW Equipment and Setup
SMAW Electrodes
SMAW - Beads and Fillet Welds
Joint Fit-up and Alignment
SMAW - Groove Welds with Backing
SMAW - Open Root Groove Welds - Plate
Total Number of Questions: 50

The NCCER curriculum may be ordered from Pearson Publishing (800.922.0579). To view NCCER's Online Catalog, go to www.nccer.org (from the home page, select Online Bookstore > Catalog).