



2019 Carpentry: Residential-Commercial Fact Sheet

Project Manager

For questions related specifically to the carpentry competition, contact Bill Lastinger, 2019 NCC carpentry project manager, (717) 278-1346 or wlastinger@benchmarkgc.com. For all event questions, contact Lisa Nardone, National Craft Championships Director, (202) 595-1789 or nardone@abc.org.

Specific Competition Eligibility

The carpentry competition has no competition-specific eligibility requirements. Please refer to overall eligibility requirements listed in the guidebook.

Written Exam

Every competitor should have a thorough understanding of the craft in which he/she is registered. All exams/tests are based on the standardized craft training process. In addition to the knowledge and skills required for each competition, all competitors should have completed the NCCER Contren® Learning Series Core Curriculum modules. A basic, non-programmable calculator will be provided for the written exam. Reference materials and other calculators are not permitted in the written exam.

Practical Performance Test Description

Carpentry competitors will perform hands-on tasks specific to the trade. Tasks will consist of both commercial and residential methods of building, studied and performed throughout their apprenticeship and OJT training. Competitors will use a combination of metal and wood components in the construction of wall and roof systems. Knowledge of rafter cutting, stair building, concrete forms, interior trim, material takeoff and a use of a builder's level are essential. The competitor also must be proficient in print reading, understanding general notes and floor layout. A medal-winning performance can come to those who best utilize their time, materials and skills knowledge to safely and accurately complete, to the best of their ability, the practical skills challenge before them. A Construction Master Calculator or equivalent will be permitted. Safety will play a big part of your practical. Review score sheet and safety scope.

Knowledge and Skills Required

The knowledge and skills for this competition are based on all levels of the NCCER Contren® Learning Series Carpentry curriculum. It is strongly recommended that competitors have a working knowledge equivalent to a third-year apprentice.

Tools Required

Each competitor should bring only the tools listed below to the competition. Tools may be examined prior to the Practical Performance Test and additional tools will be stored until the competition has concluded. If a tool, necessary to complete the Practical Performance Test, is not listed, the National Craft Championships Committee will provide it.

- Claw hammer
- Nail bags
- Cat's paw/Nail puller
- 1-inch wood chisel
- Framing square/Rafter square
- 2' level
- Speed square
- Nail set
- Two locking c-clips (6R or equivalent)
- Flat pry bar
- Construction Master Calculator or equivalent
- 25' measuring tape
- Carpenter's pencils (2)
- Chalk line/Chalk
- Handsaw
- Side cutters
- Coping saw
- Tin snips
- Drywall saw
- Stair gauges
- Work Globes (**Fingerless gloves prohibited**)
- Knee pads

TOOLS THAT WILL BE PROVIDED BY THE NCC

Review the safety scope for these tools.

- Utility Knife – Auto Retractable Blade
- Circular Saw – Dewalt Cordless
- Miter Box – Dewalt Cordless
- Impact Driver – Dewalt Cordless
- Drill – Dewalt Cordless

Sample Score Sheet

The following sample score sheet is provided to give competitors an **example** of the criteria that may be included in the Practical Performance Test. **However, this score sheet is only a sample and not intended to act as a study guide in preparation or to imply specific criteria that will be judged during the actual Practical Performance Test.**

NATIONAL CRAFT COMPETITION – CARPENTRY

DESCRIPTION	POINT VALUES	
GENERAL		
Accurate orientation/location per plans		
Efficient use of material		
Proper use of fasteners		

GENERAL - POSSIBLE POINTS		
<u>WOOD FRAMING</u>		
Accurate to print		
Drywall		
Accurate to given dimensions		
Assembly (plumb, level, square - fit - fasteners)		
WOOD WALL - POSSIBLE POINTS		
<u>STEEL FRAMING</u>		
Accurate to print		
Accurate to given dimensions		
Assembly (plumb, level, square - fit - fasteners)		
METAL FRAMING - POSSIBLE POINTS		
<u>RAFTERS</u>		
Correct slope		
Accurate to drawings		
Assembly		
RAFTERS - POSSIBLE POINTS		
<u>STAIRS</u>		
Accurate to drawings		
Accurate cuts (rise/run)		
Assembly		
STAIRS - POSSIBLE POINTS		
<u>TRIM</u>		
Accurate to given dimensions		
Accurate cuts and assembly		
Proper use of fasteners/anchors		
TRIM - POSSIBLE POINTS		
<u>SAFETY</u>		
Proper PPE use of hard hat		
Proper PPE use of hearing protection		
Proper PPE use of eye protection		
Proper PPE use of gloves		
Demonstrated safe work practices		
Maintained a clean, uncluttered work area		
SAFETY - POSSIBLE POINTS	40	
<u>CONCRETE FORM</u>		
Proper Fasteners		

Square		
Anchor bolt position		
CONCRETE FORM - POSSIBLE POINTS		
<u>TAKE OFF PRACTICAL</u>		
TAKE OFF PRACTICAL - POSSIBLE POINTS		
<u>ELEVATION PRACTICAL</u>		
ELEVATION PRACTICAL - POSSIBLE POINTS		
<u>DOOR HARDWARE PRACTICAL</u>		
DOOR HARDWARE PRACTICAL - POSSIBLE POINTS		
TOTAL POSSIBLE POINTS	200	