



Student Certification for Residential Construction

HBI now offers the initial certification test for residential construction in the areas of Basic Principles of Construction, Carpentry, Building Construction Technology, HVAC, House Wiring, and Plumbing. The certification assessments, delivered through NOCTI, are based on national skill standards set by NAHB industry professionals and educators. National cut scores have been established to identify skill levels. Certification is offered for secondary and post-secondary students as well as for individuals in industry. Instructors are given the option of determining the testing level for their students.

Assessment Pricing			
Online Administration		Paper/Pencil Administration	
Secondary	\$22.00/test	Secondary	\$32.00/test
Post-Secondary	\$22.00/test	Post-Secondary	\$32.00/test
Industry	\$35.00/test	Industry	\$39.00/test

Assessment Content Areas

Basic Principles of Construction	Carpentry	Building Construction Technology
<ul style="list-style-type: none"> Construction Industry Safety Construction Math Tools & Fasteners Print Reading 	<ul style="list-style-type: none"> Safety Measurement Tools & Equipment Products and Materials Rough Carpentry & Framing Interior & Exterior Finishing 	<ul style="list-style-type: none"> Safety & Tools Electrical Plumbing Carpentry Painting Mechanical Systems & Maintenance
House Wiring	HVAC	Plumbing
<ul style="list-style-type: none"> Electrical Safety Tools & Equipment Electrical Codes & Blueprints Basic Concepts of Electricity Electrical Service Entrances Electrical Rough-in Electrical Trim Out 	<ul style="list-style-type: none"> HVAC Theory HVAC Safety & Tools HVAC Installation HVAC Electrical HVAC Air Distribution 	<ul style="list-style-type: none"> Safety, Tools & Fittings Fixtures & Equipment Layout Layout & Water CSVS Installation Drainage, Waste & Vent Systems Fixture & Equipment Installation Troubleshooting

STUDENT CERTIFICATION CONTACT INFO

For information about the Student Certification, contact Randi VanHemert at 800.334.6283 x267 or visit the NOCTI website at www.nocti.org/certificateprogram-HBINAHB.cfm



About the Residential Construction Academy (RCA) Series

The RCA Series – Setting the Standard for Home Building Excellence! a partnership with Delmar-Cengage Learning includes textbooks and instructional materials based on skill standards identified by the nation's home builders and leading educators available online at:

www.residentialacademy.com

The skill standards are ideal for use by high schools, post-secondary educational institutions such as career and technical education and workforce development programs, technical colleges, community colleges, four-year colleges and universities, professional associations and trade unions.

RCA Series	
• Basic Principles of Construction	• House Wiring
• Carpentry	• HVAC
• Electrical Principles	• Masonry
• Building Construction Technology	• Plumbing

STANDARDS

All standards are based on industry standards created by construction professionals and educators and follow guidelines from the National Skills Standards Board. The HBI standards:

- Establish national standards for the residential construction industry that reflect industry skill requirements.
- Can be used as a resource for developing program and curriculum and evaluating the outcomes of training programs.
- Are useful to educators for designing curriculum and evaluating a student's training outcomes.
- Create a basis for training of workers.
- Provide employers with objective benchmarks for selecting employees and evaluating training needs.
- These occupational standards meet or exceed the American Psychological Association's Standards for Occupational Credentialing.

TEXTBOOKS

The Basic Principles for Construction text contains a comprehensive set of training materials that help users learn the work skills, functions and soft skills determined by NAHB industry leaders to be helpful to anyone seeking a career in the construction industry.

The Basic Principles for Construction text consists of the following five sections:

- The Construction Industry
- Safety
- Construction Math
- Tools and Fasteners
- Print Reading

Trade-specific textbooks are available for Carpentry, Electrical Principles, Building Construction Technology, House Wiring, HVAC, Masonry, and Plumbing.

CURRICULUM CONTACT INFO

For information about the RCA Series Curriculum, contact Laura Bray at 800.795.7955 or visit the HBI website at: www.hbi.org