



## **Home Builders Institute & NAHB's Concrete Home Building Council Announce *Concrete Specialization Courses***

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In response to growing demand for quality construction education with a focus on concrete technologies, Home Builders Institute (HBI) and NAHB's Concrete Home Building Council (CHBC) have partnered to create an education track aimed at giving supervisors the information they need to successfully manage residential construction sites utilizing concrete materials.

The *Concrete Specialization Courses* are modeled after HBI's *Residential Construction Superintendent* (RCS) designation, which is similarly geared toward budding field superintendents and can benefit current site personnel wishing to excel in this position. The *Concrete Specialization Courses* are designed to educate superintendents on the core fundamentals of concrete construction.

For a schedule of courses please visit our website at

<http://www.hbi.org/rcscourses/concrete>

*"More than 380,000,000 cubic yards of concrete are produced each year and concrete remains the only building material that's universally used in every single construction project. Isn't it about time you found out why?"*

-Richard P. Bohan, P.E., Director Education and Technical Services, Portland Cement Association

## **The Curriculum**

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Three *Concrete Specialization Courses* cover the following core competencies:

[Best Practices for Concrete Pavers and Segmental Retaining Walls](#) - Demand for masonry hardscaping products is exploding. The economy, premium appearance, superior durability and flexibility of segmental retaining walls and interlocking concrete pavers have made them preferred methods of paving and leveling building lots, as well as creating visual interest.

This course is designed to give homebuilders and/or superintendents thorough knowledge of the new hardscaping products. Attendees will understand the steps necessary to achieve efficient, trouble-free installation of segmental retaining walls, pavers, and related products. They will also have the information necessary to incorporate the products into their home building businesses.

[Concrete Mix Designs, Construction Guidelines and Troubleshooting](#) - Each year residential construction supervisors oversee the installation of approximately six billion square feet of concrete flatwork and walls in the form of driveways, walkways, patios, floor slabs and basement and above-grade walls. On the typical single family home, builders spend an estimated \$6,000 for these, including labor and materials.

This course is designed to give homebuilders and/or superintendents the information they need for deciding when to use concrete for a paving or floor project, for intelligently sourcing their concrete flatwork; for specifying the work accurately and efficiently; for properly evaluating the work done; and for performing troubleshooting and repair effectively.

[Handling Moisture Behind Brick Veneers to Back-up Walls](#) - Each year, hundreds of thousands of homes are sided wholly or partly with veneers of brick, architectural block or cast stone. Builders paid over six billion dollars for the labor and materials to create these veneers. Properly constructed, masonry veneers effectively prevent water damage, elevated indoor humidity levels and mold and mildew.

This course is designed to give homebuilders and/or superintendents the information they need to understand the essentials of brick veneer construction, select and work with a masonry crew, insure the building is properly prepared to receive brick, coordinate the affected crews, and make corrections or repairs when necessary. The participant will be armed with the knowledge to produce a quality brick veneer at a controlled cost and with efficient use of supervisory time.

## **Course Implementation**

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HBI's *Residential Construction Academy* (RCA) will provide Certificates of Completion to those who successfully finish each four-hour course and a comprehensive certificate will be granted to those who complete the entire three-course curriculum.

HBI/CHBC – approved instructors will be available to teach these courses in your locale.

## **Interested in the Program?**

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HBI and CHBC administer the *Concrete Specialization Courses* in concert with local Home Builder Associations (HBAs) and in some cases their individual member companies. Additionally, an HBA revenue-sharing component has been built into this program. If you are interested in offering the courses to your members, contact:

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