



# Greetings from . . . Home Builders Institute





# Who We Are...



Affiliate



- **Home Builders Institute (HBI)**
  - Workforce development arm of the National Association of Home Builders (NAHB)
  - Dedicated to the advancement of education and training programs serving the needs of the residential construction industry
- **National Association of Home Builders (NAHB)**
  - D.C. based trade association whose mission is to enhance the climate for housing and the building industry
  - More than 800 state and local associations members



**Cluster Leader: Architecture &**

**Construction**

Information provided by the National Association of State Directors of Career Technical Education Consortium

Thursday, February 11, 2010

# Facts About Career Technical Education

## Vocational Education V.

- For a few students
- Focused on a few jobs
- 6 to 7 “Program Areas
- In--lieu of academics
- High school focused

## Career Technical Education

- For all students
- Focused on careers
- 16 Clusters - 81 Pathways
- Aligns/supports academics
- High school & college partnerships

Information provided by the National Association of State Directors of Career Technical Education Consortium



## **Aligning with the ASCA Model**

### **American School Counselor Association**

#### **ASCA National Standards for Student Academic, Career and Personal/Social Development . . .**

##### **Career Development**

- A. Students will acquire the skills to investigate the world of work in relation to knowledge of self and to make informed career decisions.
- B. Students will employ strategies to achieve future career goals with success and satisfaction.
- C. Students will understand the relationship between personal qualities, education, training and the world of work.



# RECRUITING

Old  
HELP WANTED



New



**Industry Professionals  
Needed**



# Recession Projections for 2020

In the next 10 years:

- ❑ Replace 7 million jobs lost in the downturn
- ❑ Reemploy a portion of the 2.3 million marginally attached “discouraged workers” (want to work, not currently looking)
- ❑ Move majority of 9 million relegated to part-time back to full-time
- ❑ Employ 9 million expected new entrants to the work force

Source: Another Jobless Recovery by Dr. Martin Regalia



# The Baby Boomer Factor

Now: 2010, nearly one in three workers in the United States will be over the age of 50.

More than 25% of the working population will reach retirement age (65) this year 2010, resulting in a potential shortage of 8 million to 10 million workers nationwide.

Starting in 2012, nearly 10,000 Americans will turn 65 every day. 25% of the population (71 million people) will be 65 or older.



# Teen & Young Adult Current Stats

## High School Dropouts

United States	1,122,000	6%
New York	62,000	5%

## Teens (16 – 19) not attending school & not working

United States	1,410,000	8%
New York	85,000	7%

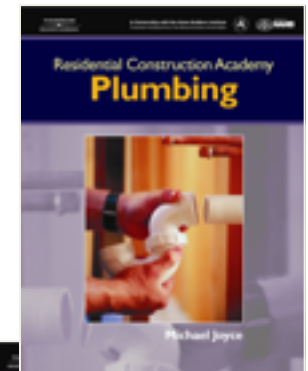
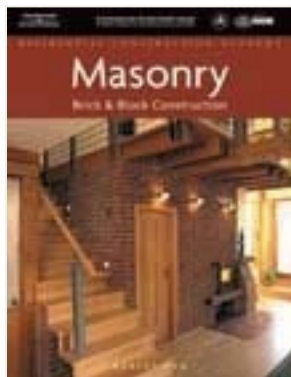
## Young Adults (18 – 24) not attending school, not working and no degree beyond high school

United States	4,325,000	14%
New York	262,000	13%

## Children living in families where no parent has full-time, year-round employment.

United States	24,281,000	33%
New York	1,463,000	33%

Source: Annie E. Casey, Kids Count



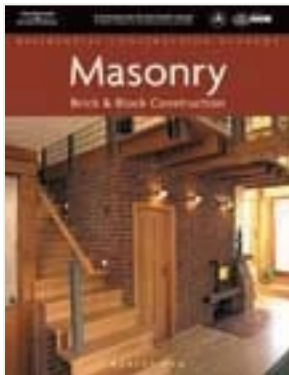
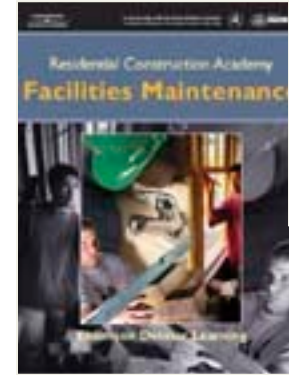
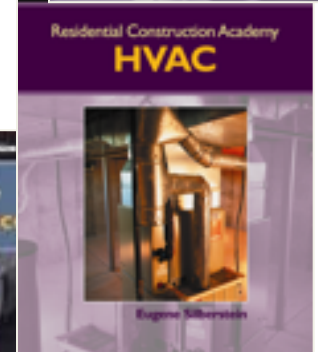
# Certification Counts . . .



## HBI's Residential Construction Academy (RCA) Series

### Certification

- ✓ For Instructors and Students
- ✓ Based on Industry Standards
- ✓ Aligned with RCA Curriculum





# Certification for Residential Constructor

## Components

- Instructor Certification
- Student Certification
- Program Credentialing



## Our Partners

- The Ohio State University (OSU)
- National Occupational Competency Testing Institute (NOCTI)



# Instructor Certification

**Offered to ensure consistency in instructor teaching/training methodologies and knowledge competency**

**Online Course administered by OSU**

**Content: 16 modules**

**Cost: \$400**

**Online Test-Out Option administered by OSU**

**Content: 100/150 test questions**

**Cost: \$100**

**Renewal: 5 years**

**User friendly online application process**



# Student Certification

**Currently available in areas of carpentry, HVAC, House Wiring.**

**Scheduled for Spring are Facilities Maintenance & Basic Principles for Construction**

**Scheduled for 2010/11 school year are Plumbing and Masonry**

**Online Course delivered by NOCTI**

**Three education levels: secondary, post-secondary & industry**

**Three proficiency levels: entry, semi-skilled & skilled  
National cut scores have been established for skill levels**

**Cost**



# **HBI/NAHB Industry Certification**

**Student assessments based on industry standards  
contained in the RCA Series**

**Instructors receive. . .**

**Certificates from HBI & OSU**

**2 CEU from OSU (not available with test-out option)**

**Students receive. . .**

**Certificate from HBI indicating trade & level**

**Instructor Certification + Student Certification  
= Credentialed Program**



# What's the big deal about **GREEN**?

## **Buzz Words**

- Sustainability
- Weatherization
- Energy Star
- LEED
- NAHB Standard
- Retrofitting

## **What's showing up in job descriptions . . .**

Understanding of Green Building  
Passion for sustainable green building products  
Experience in solar PV installation  
Knowledge of energy efficiency building  
Green Building Verifier  
Knowledge of green build standards



# COMMUNITY AND ECONOMIC DEVELOPMENT ASSOCIATION

Job Title: Assessor/ Final Inspector

Skill Level: Entry Level

Category: Weatherization

Qualifications: High school graduate or equivalent (GED)

**carpentry skills**

General background in **basic**

Must become state certified within

one year

of employment

Compensation: \$30K additional \$5K upon successful



# BUSINESS VENTURE STARTED IN 2003

Job Title: Solar Installation Associate

Skill Level: Entry Level

Category: Solar Energy Systems

Qualifications: College degree or working  
towards one

**Construction experience**  
**Electrical experience** a plus

Compensation: Salary packages evaluated based on  
background and experience (average  
salary  
40K) Part time wages \$15/\$18 per  
hour



# Think Career – Think Construction

**Training programs** following high school are necessary for career advancement.

- Apprenticeship
- 2-year Technical/Community College
- 4-year College/University



**Professional designations** offer excellent opportunities to improve your skills, advance your career, and be recognized for your commitment to professional growth.

**CONSTRUCTION CAREERS – THE PATHWAY TO ...  
SUCCESS**





**Help your students NAIL the perfect career  
Introduce the whole industry . . .**

**Every entry point leads to a career path.**

# Contact Information

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