COMPREHENSIVE PLAN

Region of RCWP focus is Statewide

CONSTRUCTION 2014 through 2024

• 19.4% Growth
• 3,203 Jobs projected
• $22.28 Median wage

Source RI DLT
The overall strategy of the Residential Construction Workforce Partnership is to solve its workforce issues, and FILL the Jobs Pipeline projected growth 3,203 Jobs projected, $22.28 Median wage – Source: RI DLT 2024 by:

1. **Fully engaging the industry**, faculty, students and parents with existing CTE and adult training centers
   - Promoting careers in construction
   - Educate industry as to the resources and job candidates avail at our CTE schools and adult training centers
   - Having industry partners work along side students in the work based applied learning projects and to use the opportunity for employers to scout and recruit new potential employees

2. Evaluate and Align curriculum to eliminate the Skills Gap

3. Coordinate recruitment and bring awareness to construction training programs available in CTE schools to keep a steady flow and fill the pipeline

4. Offer work based applied learning opportunities and exploration to students and adults

5. **Assist middle schools** with industry involvement, work based applied learning projects, and help bring back career exploration

6. Train and place the growing Latino population into the pipeline by offering ESL with construction terminology, Lead Safe RRP and OSHA 10 Safety Certification

7. **FREE** Industry specific jobs bank/database to fill 70 immediate job postings, assist students with jobs/internships, assist unemployed/underemployed (current stats: 197 candidates, 52 resumes, 533 employers, 70 jobs) find jobs, training, and resources in residential construction

In the planning process for implementation are:

1. Provide professional education to help firms with growth – years 2017/2018
2. Provide comprehensive construction training programs for adults – years 2017/2018
3. Compliment our current program by implementing a NAHB Student Chapter – years 2017/2018
FILL the Jobs Pipeline  19.4% projected growth 3,203 Jobs projected, $22.28 Median wage – Source: RI DLT 2024
### RI LABOR MARKET PROJECTIONS

#### Employment Projections Major Industry Division

<table>
<thead>
<tr>
<th>NAICS Code</th>
<th>Industry Title</th>
<th>2014 Annual Employment</th>
<th>2024 Estimated Employment</th>
<th>Numeric Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>Construction</td>
<td>16,497</td>
<td>19,700</td>
<td>3,203</td>
<td>19.2%</td>
</tr>
<tr>
<td>31-33</td>
<td>Manufacturing</td>
<td>40,922</td>
<td>49,220</td>
<td>8,298</td>
<td>20.4%</td>
</tr>
<tr>
<td>42</td>
<td>Wholesale Trade</td>
<td>16,842</td>
<td>17,290</td>
<td>448</td>
<td>2.7%</td>
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<tr>
<td>44-45</td>
<td>Retail Trade</td>
<td>47,157</td>
<td>49,320</td>
<td>2,163</td>
<td>4.6%</td>
</tr>
<tr>
<td>48-49</td>
<td>Transportation &amp; Warehousing</td>
<td>9,670</td>
<td>10,631</td>
<td>961</td>
<td>0.7%</td>
</tr>
</tbody>
</table>

#### Statewide Occupations Major Occupational Group

<table>
<thead>
<tr>
<th>SOC Code</th>
<th>Occupational Title</th>
<th>Estimated Employment</th>
<th>Mean Wage</th>
<th>Entry Wage</th>
<th>Median Wage</th>
<th>Experienced Wage</th>
</tr>
</thead>
<tbody>
<tr>
<td>37-0000</td>
<td>Building and Grounds Cleaning and Maintenance Occupations</td>
<td>15,630</td>
<td>$14.33</td>
<td>$10.36</td>
<td>$13.03</td>
<td>$17.11</td>
</tr>
<tr>
<td>39-0000</td>
<td>Personal Care and Service Occupations</td>
<td>12,450</td>
<td>$12.90</td>
<td>$9.51</td>
<td>$11.11</td>
<td>$14.17</td>
</tr>
<tr>
<td>41-0000</td>
<td>Sales and Related Occupations</td>
<td>46,179</td>
<td>$20.50</td>
<td>$9.71</td>
<td>$13.60</td>
<td>$24.09</td>
</tr>
<tr>
<td>43-0000</td>
<td>Office and Administrative Support Occupations</td>
<td>76,125</td>
<td>$18.51</td>
<td>$13.42</td>
<td>$17.65</td>
<td>$22.62</td>
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<tr>
<td>45-0000</td>
<td>Farming, Fishing, and Forestry Occupations</td>
<td>2,944</td>
<td>$12.74</td>
<td>$9.32</td>
<td>$12.64</td>
<td>$19.08</td>
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<tr>
<td>47-0000</td>
<td>Construction and Extraction Occupations</td>
<td>15,780</td>
<td>$23.58</td>
<td>$16.89</td>
<td>$22.28</td>
<td>$28.83</td>
</tr>
<tr>
<td>49-0000</td>
<td>Installation, Maintenance, and Repair Occupations</td>
<td>14,900</td>
<td>$23.12</td>
<td>$16.81</td>
<td>$22.17</td>
<td>$28.24</td>
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<tr>
<td>51-0000</td>
<td>Production Occupations</td>
<td>29,940</td>
<td>$17.65</td>
<td>$12.00</td>
<td>$16.11</td>
<td>$21.80</td>
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<tr>
<td>53-0000</td>
<td>Transportation and Material Moving Occupations</td>
<td>24,270</td>
<td>$16.61</td>
<td>$10.40</td>
<td>$15.12</td>
<td>$19.07</td>
</tr>
</tbody>
</table>

Wages are from May 2015 OES Survey.
A WORD ON INDUSTRY - JOHN MARCANTONIO RIBA, EXECUTIVE DIRECTOR (VIDEO)

Documentary on CTE by Lawrence Kraman 2 minutes 14 seconds
BACKGROUND OF RI INDUSTRY

Region of RCWP focus is Statewide

Rhode Island Residential Contractors are Registered and Governed by the Contractors Licensing and Registration Board under RIGL Title 5 Chapter 65, and work on one to 3 family units.

Contractors build and maintain housing stock. Rhode Island, and the North East is home to the oldest housing stock in the nation, and with a shortage of skilled workers due to aging out, a lack of younger folks entering into the pipeline, suitable housing to attract and retain workers in Rhode Island through 2025 will become challenging. See illustrations below and to the right from HousingWorksRI, Housing Fact Book 2016.

Without an adequate supply of younger workers entering into Construction Programs, and ultimately the construction pipeline, Rhode Island will not be able to keep up with housing demands to suit future workforce needs among ALL INDUSTRY SECTORS.

Housing maintenance and repair contractors will be very difficult for home owners and landlords alike to find to provide suitable housing.
Rhode Island is projected to see increases in the number of older residents and, to a lesser extent, 20 – 44 year olds; other age groups will decline.

The data in Projecting Future Housing Needs indicates that since 2010, Rhode Island’s natural population increase has averaged 1,350 annually, which is roughly half the annual natural increase of the prior decade. The state’s birth rate has dropped since 2010, while annual death rates have increased slightly.

In a Status Quo scenario, where migration patterns and natural increases continue at the average rates, Rhode Island has experienced over the past four years, the population is projected to grow 3.3 percent by 2025; an increase of 34,500.

In a Stronger Growth scenario, where in-migration rates are elevated and out-migration rates drop due to a strengthened economy, Rhode Island’s population is projected to increase 4.5 percent by 2025. This is an increase of 47,379 persons, or 14,263 more than in the Status Quo scenario.

The largest population changes have and will occur among older Rhode Islanders. Between 2000 and 2014, the state’s largest population age group shifted from 25 – 44 year olds to 45 – 64 year olds. The population aged 65 and older is projected to increase by 40 percent over the next ten years; it is predicted to rise from 16 to 21 percent.

As this demographic shift unfolds, Rhode Island will need more housing units and—because older households tend to be smaller households—more variety in its housing stock.

A healthy housing industry’s ripple effect will spur job growth among other industry sectors, including manufacturing. See next slide.
HOUSING SPURS JOB GROWTH AMONG MANY SECTORS OF THE ECONOMY

NAHB - HEALTHY HOUSING INDUSTRY SPURS JOB GROWTH

Healthy Housing Industry Spurs Job Growth

May 07, 2014

The health of housing is key for the overall state of the U.S. economy and housing stands poised to serve as an engine of job growth with the right policies in place, the National Association of Home Builders (NAHB) told Congress today.

Testifying before the Senate Banking Committee’s Subcommittee on Economic Policy during a hearing examining the drivers of job creation, NAHB economist Robert Dietz said that home building and remodeling have generated 274,000 new jobs over the past 2½ years.

“This expansion has direct economic benefits,” said Dietz. “Housing provides the momentum behind an economic recovery because home building and associated businesses employ a wide range of workers.”

Employment from new home construction and remodeling has a wide ripple effect. About half the jobs created by building new homes are in construction. They include framers, electricians, plumbers and carpenters. Other jobs are spread over other sectors of the economy, including manufacturing, retail, wholesale and business services.

NAHB analysis of the broad impact of new construction shows that building 1,000 average single-family homes generates:

- 2,070 full-time jobs
- $162 million in wages
- $118 million in business income
- $111 million in taxes and revenue for state, local and federal governments

Similarly, construction of 1,000 rental apartments, including units developed under the Low Income Housing Tax Credit, generates 1,130 jobs while $100 million in remodeling expenditures creates 890 jobs.

Currently, housing comprises about 15.5 percent of GDP, but Dietz said the industry still has room to grow.

“Typically, housing represents 17 to 18 percent of the GDP,” he said. “With a growing population and an aging housing stock, NAHB forecasts that single-family construction will increase 22 percent in 2014, to 1.6 million units and multifamily production will rise 6 percent to 1.2 million units.”

Noting that 2014 should be the first year since 2007 in which total housing starts exceed 1.2 million homes, Dietz said this expansion will produce jobs. “In April alone, home builders and remodelers added 13,100 jobs,” he said.

NAHB estimates that total housing construction over the next few years should return to just under 1.7 million combined single-family and multifamily starts on an annual basis.

Homeownership also represents the most important investment and source of savings for most middle class households.

The latest economic data show that the primary residence represents 62 percent of the median home owner’s total assets and 42 percent of their wealth. Moreover, almost two-thirds of all U.S. households own a home, while just 50 percent possess a retirement account and only 16 percent own stocks and bonds.

Though homeownership remains a cherished American ideal, access to safe and decent affordable rental housing is needed for those households for whom renting is the best choice. The Low Income Housing Tax Credit, the nation’s only affordable housing production program, serves a critical role in this regard. Since its inception, the tax credit has produced and financed more than 2 million affordable rental apartments.

Industry Faces Several Challenges

While home construction is poised to continue to expand and add jobs, builders continue to face persistent headwinds. These include access to building lots, rising building material prices, access to builder loans and worker shortages in some markets.

Additional challenges are the lack of policy certainty in areas connected to housing. To help the industry play its traditional role as a job creator, Dietz called on Congress to ensure that undue regulatory burdens do not hinder economic and job growth. “Regulations imposed by the government at all levels account for 25 percent of the final price of a new single-family house built for sale,” he said.

On the tax front, Dietz urged lawmakers to protect the mortgage interest deduction and Low Income Housing Tax Credit, which are critical to ensuring the growth of the middle class and access to affordable housing, and to enact a tax extender bill that would retroactively extend expired tax rates such as the minimum 9 percent credit rate for the Low Income Housing Tax Credit and residential energy efficient tax credits for new construction and for retrofitting existing homes.

Passing comprehensive housing finance reform that includes a federal backstop to ensure the availability of the 30-year mortgage, increase private capital in the marketplace and protect the American taxpayer would be a net positive for job creation, he added.
AGE OF RHODE ISLAND HOUSING STOCK SHOWS DEMAND FOR SKILLED WORKERS

Housing Statistics – NAHB

The Age of the Housing Stock by State

In January, Eye on Housing took a look at the age of housing stock. According to the latest data from the Department of Housing and Urban Development American Housing Survey (AHS), the median age of an owner-occupied home in the United States was 35 years old as of the 2011 survey. The median age reported in the 1989 AHS was only 23 years old.

The age of the housing stock is not uniform across the United States and clear regional clustering can be seen. The geographic distribution of the median age of the entire housing stock (owned and rented) is presented using data from the 2012 American Community Survey.

The oldest homes are found in the Northeast. The state with the oldest median age is New York, at 57 years. Massachusetts is next at 54. The median age of the housing stock in the District of Columbia is 61. However, the district consists solely of urban areas and is generally not a good comparison with states.

The youngest homes are present in the southeast and mountain west. The state with the youngest median age is Nevada, at 19 years. Arizona is next at 23.

The geographic distribution of the age of the housing stock reflects the growth and movement of population within the United States. In an earlier post, Eye on Housing examined the uneven aging of the states. There is a strong correlation between state growth from 2000 to 2010 in the population below the age of 45 and the age of the housing stock. States with the largest growth in this population have the youngest housing stock.

The age of the housing stock is an important metric as older homes are less energy-efficient than new construction and will require remodeling or replacement in the years ahead. In addition, areas with higher population growth have greater demand for home building relative to states with lower population growth.
Labor Availability AKA Skills Gap

The monthly NAHB/Wells Fargo Housing Market Index includes a set of "special" questions on a topic of current interest to the housing industry. In December 2016, the special questions asked builders about the problems they faced in 2016 and expect to face in 2017.

Top 10 Significant Problems Faced in 2016 and Expect to Face in 2017

- Cost availability of labor: 64% in 2016, 76% in 2017
- Cost availability of developed lots: 64% in 2016, 67% in 2017
- Impact labor shortage and other fees: 64% in 2016, 62% in 2017
- Federal environmental regulations and policies: 78% in 2016
- State environmental regulations and policies: 38% in 2016, 52% in 2017
- Insufficient labor supply: 64% in 2016
- Building material prices: 64% in 2016
- Development standards (parking, setbacks, etc.): 64% in 2016, 67% in 2017
- Health insurance: 64% in 2016


Share of Single-Family Builders Reporting Labor Cost/Availability Problems

- 2011: 13%
- 2012: 30%
- 2013: 53%
- 2014: 61%
- 2015: 71%
- 2016: 78%

Source: HMI Survey, NAHB EviHp.
Labor Availability AKA Skills Gap - Posted 1/30/2017

Source: http://eyeonhousing.org/2017/01/top-challenge-for-builders-is-labor-costavailability/?utm_source=newsletter&utm_medium=1-0125&utm_campaign=ee2017
Construction Workforce is aging out with a shrinking percentage of younger workers entering the field AND projected to stay in Rhode Island – we must engage our youth and inform of high paying construction jobs!

Construction

LEHD data reflects that the percentage of younger age construction workers in Rhode Island is shrinking, while the percentage of older workers appears to be increasing. Between 2002 and 2014, the two older age groups of 45-54 and 55+, both experienced an increase in the percentage of construction workers within their respective age groups, while the two youngest age groups 14-24 and 25-34, both reported a decrease in the percentage of construction workers within their age groups. The percentage of construction workers in age group 35-44 also reported a decrease. This age group represented 22.4 percent of the construction workforce in 2014, which was down from the 33.6 percent it represented in 2002.
A Pipeline of younger workers is needed to accomplish employment projections and the aging out workforce - we must engage our youth and inform of high paying construction jobs!

Industry need and realities

The Big Picture

Rhode Island employment is expected to increase by more than 36,000 jobs during the 2014-2024 projection period. Employment in 2024 is projected to reach 542,400 an increase of 36,070 (7.1%) jobs from the 2014 employment level. Much of this growth is attributed to the increased demand for the products and services provided by the Health Care & Social Assistance; Accommodation & Food Services; Professional, Scientific & Technical Services, Administrative & Waste Services and Construction sectors. Nationally, employment is projected to increase by 6.5 percent.
FULLY ENGAGING THE INDUSTRY WITH EXISTING CTE AND ADULT TRAINING CENTERS

A Pipeline of younger workers is needed to accomplish employment projections and the aging out workforce – Maintain industry involvement with existing adult training centers to place graduates through employer partners and continue to utilize RCWPJobs.com as a tool for employers to engage with youths in construction programs.

DECEMBER 2016 EMPLOYER MEMBER SURVEY RESULTS

Employers are hiring and Want Students
A Pipeline of younger workers is needed to accomplish employment projections and the aging out workforce - we must engage our youth and inform of high paying construction jobs! Video 2 minutes.

RIBA is NAHB’s Voice in RI

• RIBA Members are NAHB Members

• RIBA Expands on the work of NAHB Student Chapters offering Work Based Applied Learning Programs and Student Chapter Membership to RI Schools. – RCWP Implementation Planned 2017 – 2018

Click on image to play video
The NAHB Student Chapters program is dedicated to enriching the educational experience of students by offering them first-hand exposure to the real world of the building industry through NAHB membership, educational programming, and networking opportunities.

**RCWP to expand on promotions in 2017 and explore incorporation of the Residential Construction Management Competition**

- Promoting careers in residential construction
- Addressing the labor shortage by promoting careers in construction trades through the Secondary School Chapters
- Enhancing education and career development for future generations of leaders in residential construction or related fields
- Build stronger connections between HBAs and Student Chapters
- Residential Construction Management Competition
  - Opportunity to apply skills learned in the classroom to the real world of work.
  - The competition encompasses: a site plan, product design, estimate, schedule, marketing, risk analysis, cash flow, etc.

**Dues:**
- Four-Year and Two-Year Programs: $25.00 per student
- High School and Secondary Programs: $5.00 per student
PARTNERS

- RI Builders Assoc. (900 firms) including the National Association of Home Builders (NAHB)
- RI Lumber & Building Materials Dealers (Approx. 32 firms)
- Providence Revolving Fund
- Building Officials Association
- New England Technical Institute
- Youth Build – Adult Training
- MTTI Tech – Adult Training
- Milenio Latino Institute
- RI Career & Tech schools (9)

ESTABLISHED NETWORKS

- OIC Rhode Island, The Hire Path Program, Adult Placements
- College Unbound, Prison Bridge Program, Adult Placements
- Department of Veterans Affairs, Adult Placements
- RI Association of Realtors
- Exeter Job Corps
- National Grid, OER and EERMC

With over 1,000 employer and strategic partners, RCWP continues adding as many as we can engage, without limitations.

Our non-training workforce solutions include:

- Engaging, consulting and aligning curriculum in CTE and Adult Training facilities to attract and retain students in construction programs to fill the jobs pipeline for 2025 projected growth – Source DLT, pg. 4
- Incorporate NAHB Student Chapter to compliment current programs – pg. 15 & 16
- Offering real world, work based applied learning solutions to engage and educate students and adults pgs. 28 through 44
- Provide a FREE online database RCWPJobs.com – A recent RIBA survey shows that the majority of employment opportunities in residential construction were spread by word of mouth – educating and promoting the jobs bank has lead to more employers and job seekers making connections to fill job openings faster at no cost to either party. The jobs bank website will continue to be a resources for employers, students and job seekers and will expand the resources to include more offerings and information on Free training, opportunities available, and data supporting construction jobs and wages pgs. 24 through 26
- Placement Specialists (2) part time, on staff, connect with employers and job seekers to coach, walk through the jobs bank and registration, aid in offline job placements and internships, pairing of employer with employee and will manage the Jobs Bank’s data that will be coming into the program from all sources –schools, industry partners, etc. The other major duty of this position will be to finalize agreements between employers and students in CTE programs giving kids the opportunity to work on real job-sites in a formalized and agreed to manner with specific training objectives
- Evaluating and aligning curriculum to eliminate the skills gap
- Outreach and recruitment to Latino Parents/Students
- Increase knowledge and awareness of CTE Programs industry wide to recruit and fill the jobs pipeline to meet current and future demand
- Expand RCWP capabilities by fully developing new & existing partnership resources to support training and placement
PARTNERS

• RI Builders Assoc. (900 firms) including the National Association of Home Builders (NAHB)
• RI Lumber & Building Materials Dealers (Approx. 32 firms)
• Providence Revolving Fund
• Building Officials Association
• New England Technical Institute
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• OIC Rhode Island, The Hire Path Program, Adult Placements
• College Unbound, Prison Bridge Program, Adult Placements
• Department of Veterans Affairs, Adult Placements
• RI Association of Realtors
• Exeter Job Corps
• National Grid, OER and EERMC

Our Training workforce solutions include:

Recruit, enroll and train Latino adults, provide the skills and knowledge to prepare, compete and advance towards jobs in residential construction

• 2, 20 Week ESL Courses – In Spanish with construction terminology focus
  • Train up to 40, Place 20
• 6, Lead Safe RRP Classes – In Spanish
  • Train up to 72, Place 36
• 6, OSHA-10 Safety Training Certification Classes – In Spanish
  • Train up to 120, Place 60

In the planning process for future implementation are:

• Provide professional education to help firms with growth – years 2017/2018
• Provide comprehensive construction training programs for adults – years 2017/2018
• Compliment our current program by implementing a NAHB Student Chapter – years 2017/2018
RCWP OVERALL STRATEGY DETAILED

1. **Fully engaging the industry** with existing CTE and adult training centers
   - Educate industry as to the resources and job candidates available at our CTE schools and adult training centers
   - Having industry partners work alongside students in the work-based applied learning projects and to use the opportunity for employers to scout and recruit new potential employees. Bring industry to schools for advising, support, and provide training and/or knowledge
   - Market CTE and construction programs statewide – In-Kind included in Home Show marketing, grassroots, social media, etc.

---

2017 Work Based Applied Learning /Partnership Planning Meeting 12/19/2016 – View the meeting video – length 2 hours

![Video Thumbnail](image-url)
RCWP OVERALL STRATEGY DETAILED

1. **Continued Fully engaging the industry** with existing CTE and adult training centers
   - Educate industry, faculty, students and parents as to the resources and job candidates available at our CTE schools and adult training centers – See survey pg. 14
   - Having industry partners work along side students in work based applied learning projects and use the opportunity for employers to scout and recruit new potential employees.
   - Bring industry to schools for advising, support, and provide training and/or knowledge

**Key Action Items**
- Continue to raise awareness of CTE and adult training programs – See survey educating the industry pg. 14
- Publish Monthly editorials and CTE School program interviews in every Builder Report Issue and re-distribute via RCWPJobs.com, RIBUilders.org, and related Facebook accounts.
- Social distribution of Careers in the Trade Video pg. 15, will be carried out through 2017/2018
- Presence at School Job Fairs, Career Nights, etc.
- Presence at any meetings we can attend with school administrators/boards
- Presence at adult training facilities
- Presence at industry events and trade shows
- Identify opportunities and facilitate industry educational visits to schools
- Industry Partners and employers invited to scout talent from CTE schools at the work based applied learning projects 2017/2018
2. Evaluate and Align curriculum to eliminate the Skills Gap

What has been/is being done

- Created and maintaining relationships with CTE Schools, RI Department of Education and Industry Partners
- Working with policy makers on curriculum, procedures, processes and internships for students under 18 in CTE Programs
- Working with RIDE in conjunction with CTE policy
- Active with CTE Advisory Boards and NCCER Evaluations
- Active on Coalitions, Committees and Boards relating to CTE

What needs to be done

- Continuous involvement and monitoring
- Maintaining and building relationship
- Continue to bring real world learning opportunities to school programs by providing opportunities for work based applied learning projects
3. Coordinate recruitment and bring awareness to construction training programs available in CTE schools and adult training centers
4. Offer work based applied learning opportunities and exploration to students and adults
5. Assist middle schools with industry involvement, work based applied learning projects, and help bring back career exploration

These work based applied learning efforts and marketing promotions will continue into 2017/2018 - See the current plans on pgs. 28 through 44

2016 Work Based Applied Learning – Venue, RI Home Show, Convention Center
Providence, RI – Solar Treehouse and Designers Showcase - Video Time 1 minute

2016 Work Based Applied Learning – Venue, South Side Boys & Girls Club
Providence, RI – Solar Treehouses Rebuild - Video Time 1 minute 30 seconds

Click on images to play video
Continued
3. Coordinate recruitment and bring awareness to construction training programs available in CTE schools and adult training centers
4. Offer work based applied learning opportunities and exploration to students and adults
5. Assist middle schools with industry involvement, work based applied learning projects, and help bring back career exploration

2016 Work Based Applied Learning – Venue, South Side Boys & Girls Club, Providence, RI – Solar Treehouses Donation and Rebuild - Video Time 3 minutes

Click on image to play video
RCWP OVERALL STRATEGY DETAILED

6. Train and place the growing Latino population into the pipeline by offering ESL with construction terminology, Lead Safe RRP and OSHA 10 Safety Certification and assist with resume writing and placement at RCWPJobs.com

7. **FREE** Industry specific jobs bank/database to fill 70 immediate job postings, assist students with jobs/internships, assist unemployed/underemployed (current stats: 197 candidates, 52 resumes, 533 employers, 70 jobs) find jobs, training, and resources in residential construction

Jobs Bank RCWPJobs.com

- Continue to promote industry specific Jobs Bank database
- Add more resources with minor development
- Resource for Resume Writing
- Students upload and build resumes online for Internships and job options
- A tool for employers to engage youths in construction, follow programs and opportunities via blog posts, email notifications and events
- Assist Latino job seekers and employers with Job postings and resumes at RCWPJobs.com
7. Continued FREE Industry specific jobs bank/database to fill 70 immediate job postings, assist students with jobs/internships, assist unemployed/underemployed (current stats: 197 candidates, 52 resumes, 533 employers, 70 jobs) find jobs, training, and resources in residential construction

A tool for industry and employers to engage youths in construction, follow programs and opportunities via blog posts, email notifications and events
7. **Continued FREE** Industry specific jobs bank/database to fill 70 immediate job postings, assist students with jobs/internships, assist unemployed/underemployed (current stats: 197 candidates, 52 resumes, 533 employers, 70 jobs) find jobs, training, and resources in residential construction

Promoted at live events with Industry, school career days and job fairs. Promoted in print, email, social media, DLT Real Jobs, etc.
RCWP OVERALL STRATEGY DETAILED

In the planning process for implementation are:

1. Provide professional education to help firms with growth – years 2017/2018
2. Provide comprehensive construction training programs for adults – years 2017/2018
3. Compliment our current program by implementing a NAHB Student Chapter – years 2017/2018
2017 WORK BASED APPLIED LEARNING AND MARKETING OPPORTUNITIES

Main Street USA
15 Room Designers Showhouse
Energy Expo, Solar Greenhouses & Barn Restoration
Landscapes and Flowers
Showcase/Exhibit Your School

Organized by:

RESIDENTIAL CONSTRUCTION WORKFORCE PARTNERSHIP
RI BUILDERS ASSOCIATION
BUILDING PROFESSIONALS | SINCE 1945
WORK BASED APPLIED LEARNING PROJECTS

PARTICIPATION IN THE 2017 RI HOME SHOW – 3/27 THRU 4/3

<table>
<thead>
<tr>
<th>March/April</th>
<th>2017</th>
</tr>
</thead>
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<td>Sunday</td>
<td>Monday</td>
</tr>
<tr>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td>Show Set-Up 6 am - 11 pm</td>
<td>Show Set-Up 6 am - 11 pm</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Show Open 10 pm - 5 pm</td>
<td>Break Down 6 am –6 pm</td>
</tr>
<tr>
<td>Break Down 5 pm –11 pm</td>
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WORK BASED APPLIED LEARNING PROJECTS

PARTICIPATION IN THE 2017 RI HOME SHOW – 3/27 THRU 4/3
WORK BASED APPLIED LEARNING PROJECTS

PARTICIPATION IN THE 2017 RI HOME SHOW – 3/27 THRU 4/3

HOME SHOW PROMOTES FUTURE WORKFORCE “2016”

HOME SHOW SETS STAGE FOR 300 CONSTRUCTION STUDENTS TO BUILD STATEWIDE CHARITABLE PROJECT
PARTICIPATION IN THE 2017 RI HOME SHOW – 3/27 THRU 4/3

See what’s in store for 2017 on the following slides

The countdown to the RIBA Home Show begins – only about 2 months! Check out how students from around RI made their mark on last year’s show, and the project they re-built for the Boys & Girls Clubs of Providence this fall 😊😊. Can’t wait to see what’s in store for 2017 #handsonlearning #layingfoundations #buildingourfuture

https://youtu.be/6UDhx1CZfIE

Southside Clubhouse Treehouse Build Day 5 - Boys & Girls Clubs of...
WORK BASED APPLIED LEARNING PROJECTS

DESIGNERS SHOW HOUSE 2017 RI HOME SHOW – 3/27 THRU 4/3

• Member companies/industry partners will mentor and provide work based learning for students while planning, designing and creating a 15 Room Designers Show House
WORK BASED APPLIED LEARNING PROJECTS

• SOLAR GREENHOUSES 2017 RI HOME SHOW – 3/27 THRU 4/3

- 2 Solar Green Houses will be purchased, constructed, and filled with plants/flowers
- Students can assemble with RIBA member companies
- Horticulture programs involved
- Will be donated and re-built after show
WORK BASED APPLIED LEARNING PROJECTS

• BARN RESTORATION

• Barn will be disassembled on-site by East Providence School Students supervised by instructors and Lou Cotoia, taken to the School where students will learn the restoration process as they convert the barn into an Interior Design Selling Center

2017 RI HOME SHOW – 3/27 THRU 4/3
WORK BASED APPLIED LEARNING PROJECTS

RINLA

2017 RI HOME SHOW – 3/27 THRU 4/3

• Will mentor and provide work based learning for students with their member companies to create 5 elaborate landscape solution centers
WORK BASED APPLIED LEARNING PROJECTS

UNILOCK HARDSCAPE

2017 RI HOME SHOW – 3/27 THRU 4/3

• Work alongside with UNILOCK and their construction landscape designers
• Lead and coordinated by Marc Petrowicz, UNILOCK
Floral CoLab

2017 RI HOME SHOW – 3/27 THRU 4/3

• Will mentor and provide work based learning for students with their member companies to create seasonal floral designs to enhance the Flower Show debuting at the RI Home Show
WORK BASED APPLIED LEARNING PROJECTS

SUNWATT SOLAR

2017 RI HOME SHOW – 3/27 THRU 4/3

- Students learn on-site with SUNWATT SOLAR

- Electrical students will be trained and have the opportunity to work with this distributor at the show
WORK BASED APPLIED LEARNING PROJECTS

NATIONAL GRID & EERMC

- Major Show Sponsor and Sponsor of the Energy Expo
- National Grid and EERMC are committed to students learning the importance of alternative energy
- National Grid and EERMC Sponsorship dollars allow these opportunities for students to learn while building energy related show features

2017 RI HOME SHOW – 3/27 THRU 4/3
WORK BASED APPLIED LEARNING PROJECTS

MAIN STREET USA – School Built       2017 RI HOME SHOW – 3/27 THRU 4/3

- Bakery
- Flower Shop
- Peddler Carts
- Historic Storefront from your district
- Barber Shop
- Self funded by schools
- Portable structure on casters/wheels
- Use to promote schools and even sell items to promote school programs
The primary focus of RCWP is residential construction, however… we have found that there are opportunities for other CTE and school programs to participate in RCWP’s work based applied learning opportunities and not to be excluded, are included as support to the construction efforts.

**WORK BASED APPLIED LEARNING PROJECTS**

**ADDITIONAL OPPORTUNITIES**

- Culinary
- Graphic Arts
- General Help
- Broadcasting
- Welding
- Social Media Assistance
- Hospitality and Event Planning
- CAD/Drafting – *main st. usa*
- Music & Performing Arts
- Pastry Arts – *main st. usa*
GRAPHIC ARTS SAMPLE FROM 2016

- T-shirt design by Providence Career and Technical Academy Students (PCTA), produced at PCTA and Coventry High and donated to students participating in work based applied learning project and funded by Industry Supporter/Sponsor Don Hamel, Sales Representative for Andersen Windows.

We can’t wait to see what students design for 2017
WORK BASED APPLIED LEARNING PROJECTS

INDUSTRY FINANCIAL SUPPORT

2017 RI HOME SHOW – 3/27 THRU 4/3

• Andersen Windows Circle of Excellence Dealers dedicate $30,000.00 to 2017 Home Show work based applied learning projects

• National Grid and EERMC Sponsorship dollars allow these opportunities for students to learn while building energy related show features