



Fact Sheet

Residential Construction

FACTS ...

- The construction industry continues to be one of the largest employers in Idaho.
- There are unlimited opportunities for advancement nationally and internationally of skilled craftspeople and construction managers.
- Exposure to real world projects, timelines and trades, allows for an effective inquiry-based educational opportunity. Students are encouraged to pursue fields of interest while in school, apply for construction internships, and permanent employment, upon graduation.

Abilities, Skills, and Knowledge that are important to be successful in this field!

ABILITIES

- Work in a team setting without supervision, often outside.
- Read and understand work-related materials.
- Hand-eye coordination with small tools.
- Able to lift heavy objects (75 lbs.).

SKILLS

- Troubleshooting skills are essential.
- Attention to detail.
- Pride in one's work.

KNOWLEDGE

- Basic math skills including adding, subtracting, multiplication and divisions of whole numbers and fractions.
- Understanding and following complex directions.
- Problem solving.

Career Opportunities Include:

- Commercial/Residential construction trades nationwide.
- Independent contractor in construction trades.
- 4 year Union Apprenticeship (Carpenters, Electrical, Plumber/Pipefitters).

Graduates of this program have been employed by:

- Golis Construction, Inc.
- Meridian Plumbing Company, Inc.
- Idaho Trailer Manufacturing
- Finished Concepts, Inc.
- Knight Interiors, Inc.
- City Lights Electric, LLC



Employment Outlook & Salary Source: Department of Labor

Salary Ranges						
<u>OCCUPATION</u>	<u>Years of Education Needed</u>	<u>Openings per year</u>	<u>Entry Salary</u>	<u>ID Avg. Salary</u>	<u>NW Avg. Salary</u>	<u>U.S. Avg. Salary</u>
All Construction	2	1940	\$19,500	\$42,000	\$42,500	\$38,250
Carpenters	2	450	\$18,000	\$40,000	\$40,000	\$38,250
Construction Management	4	180	\$38,500	\$72,500	\$88,000	\$83,000

**Dennis
Center
Course
Offerings**

<u>Construction Trades Overview:</u>		
PROGRAM/YEARS	<u>CREDITS</u> <i>(2hr. block)</i>	<u>WEEKS</u>
Residential Construction 1	4	36
Residential Construction 2	4	36
Residential Construction 3	2	18
Residential Construction Internship	2	18

Program Description:

- Students learn construction safety and hands-on industry skills.
- Program covers introduction to: hand and power tools, blueprints, rigging, building materials, flooring systems, wall, ceiling, window, door, and roof framing
- Construction math
- NCCER Core Curriculum and Carpentry Level 1
- Students design and build personal projects
- Residential Construction 1,2&3 students participate in building a house

Job Shadowing Opportunities:

- Residential Construction 1
- Res. Construction 2 & 3 project site
- Residential Construction 2 & 3
- Project site sub-contractors: electricians, plumbers, dry-wall, roofing, HVAC, etc.

Program Costs:

- Residential Construction 1
Students are required to purchase the following at an estimated cost of: \$25.00
- Coveralls \$20.00
- Safety Glasses \$5.00
-Residential Construction 2 & 3—No required costs

Program Selection Criteria:

Students are selected using the following criteria:

- Attendance
- Highest math level achieved
- Disciplinary actions
- Cumulative GPA
- Other: application, recommendations
- Residential Constr. 2 and higher **must** pass Residential Constr. 1

Post-Secondary Education:

- 2 year degree in Construction at Idaho State University/College of Technology and College of Southern Idaho
- Four-year degree in Construction Management at Boise State University

Transportation:

- Bus transportation is provided to and from the home high school to off-campus sites. Students who are completing an internship must provide their own transportation.

Contact Us:

For more information about the programs offered by the Dennis Center, please contact us at:

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or visit us at: http://www.boiseschools.org/schools/tech_center.html