LINKS

Registered Apprenticeships Programs

- Crater Lake Electrical Training Center
  - [https://www.clejatc.org/](https://www.clejatc.org/), licorley@clejatc.org
- Plumbers & Steamfitters Union 290
  - [https://www.290tech.edu/](https://www.290tech.edu/), waits@ua290.org
- Sheet Metal Institute
  - [www.sheetmetal institute.org](http://www.sheetmetal institute.org), John@sheetmetal institute.org
- Pacific Northwest Carpenters Institute
  - [https://www.nwcarpenters.org/](https://www.nwcarpenters.org/), MegKilmer@pnci.org
- Pre-engineered Metal Building erection or installers
  - J.B. Steel, russ@jbsteelinc.com

Rogue Valley Trades Training Center

- Shawn Wonnacott, shawn.wonnacott@equusworks.com

Oregon Apprenticeship

- [https://oregonapprenticeship.org/](https://oregonapprenticeship.org/)

Careers In Construction Month - Build Your Future

- [https://www.byf.org/cicm](https://www.byf.org/cicm)

Construction Job Training & Support in the Rogue Valley


Career Path


Industry Profile Report for Construction, Employment and Wages for Construction in the Rogue Valley area (Private Sector Only)

- [https://www.qualityinfo.org/bi-lipro/?at=1&t1=4117000006~230000~true~true~false~true~true~false~false~1~1~true](https://www.qualityinfo.org/bi-lipro/?at=1&t1=4117000006~230000~true~true~false~true~true~false~false~1~1~true)

Qualityinfo.org – Labor Market information for construction trades

- See Addendum #’s 3—6
- [https://www.qualityinfo.org/jc-oprof/?at=1&t1=construction~472061~4117000006~2~true~true~true~true~false~false~true~true~false~true~false~true~false~true~false~true~false~true~false~false~none~0~1~1](https://www.qualityinfo.org/jc-oprof/?at=1&t1=construction~472061~4117000006~2~true~true~true~true~false~false~true~true~false~true~false~true~false~true~false~true~false~true~false~false~none~0~1~1)
**ACTIVITIES**

BYF Website Scavenger Hunt, see if you can score 100%!
- [https://quiz.tryinteract.com/#/5f71e583cc999f0014ca3875](https://quiz.tryinteract.com/#/5f71e583cc999f0014ca3875)

Intro to Construction Careers (See addendum #1)
- [https://youtu.be/eg4P_yGUx7E](https://youtu.be/eg4P_yGUx7E)

Construction Career Paths Word Search
- [https://thewordsearch.com/puzzle/1484517/construction-career-paths/](https://thewordsearch.com/puzzle/1484517/construction-career-paths/)

Ever Wondered Which Construction Craft Matches Your Personality?
- [https://quiz.tryinteract.com/#/5f71e530285cca0014d5eedf](https://quiz.tryinteract.com/#/5f71e530285cca0014d5eedf)

**RESOURCES**

CONSTRUCTION TRADES CAREER PATHWAY – (See Addendum #2)

Building Futures Magazine
- [https://www.buildingfuturesmag.com/](https://www.buildingfuturesmag.com/)

Oregon Careers Magazine

**VIDEOS**

Build Your Future Video Series
- [https://www.byf.org/resources/videos/](https://www.byf.org/resources/videos/)

Build Oregon
- [https://www.youtube.com/channel/UC65iwFcv9E-CgiguuAN-hDw](https://www.youtube.com/channel/UC65iwFcv9E-CgiguuAN-hDw)
ADDENDUM #1

Intro to Construction Careers Video Activity

Before viewing the video, make your best guess to answer the following questions.

1. How high is student debt in the U.S.?

2. How many jobs in the labor market require a four-year college degree or further education?

3. Name as many careers in construction as you can think of below.

During the video, answer the following questions.

1. How high is student debt in the U.S.?

2. Out of every job in the U.S. Labor market, how many jobs require a 4-year degree or higher?

3. How many require just a bachelor’s degree?

4. What are four construction crafts mentioned in the video? Name one of the craft’s average salary.

5. Fill in the blank:
   “I actually wanted to use my social skills, my personality, work with numbers. So, I wanted more of a ___________ side of it as well as the ___________ side of it.”

6. Name two steppingstones to success. For example, bachelor’s degree.

7. Name two reasons why someone may want to pursue a career in construction.

8. Fill in the blank:
   “The opportunities in construction, I believe are ___________.”

   “I thought I got to the max, as high as I could go with welding, and I realized on the ___________ side starts a whole new ladder. And after the inspection side, the ___________ side becomes a whole new ladder.”

Reflection:

9. What’s your path to success? Start brainstorming some possible ways to reach your dream career below!
CONSTRUCTION TRADES CAREER PATHWAY

Oregon construction is rapidly expanding, reached a record high in number of jobs in recent months. The opportunity for a well-paying job in the trades is at a high.

Right now, contractors are looking for skilled trades-people in all aspects of the industry – carpenter, electrician, plumber, heating and cooling, iron work, etc. There is also a need for unskilled labor to refill the pipeline. To illustrate this need, consider this...

During the 2008 recession, 6 out of 10 trades people left the area industry for relocation, retraining, or retirement. Of the 4 out of 10 left, 70% (or 2.8) are aging out and nearing retirement. That means 1.2 out of 10 new people/replacements coming into the industry. This demonstrates a significant growth potential and opportunity.

But, becoming a carpenter, a plumber, or electrician is not the end of the road, the trades offer a career path. You can start off as an unskilled laborer, entry level in the Rogue Valley is $11.79 - $11.87 per hour, move up to skilled laborer (carpenter’s helpers - $16.63 per hour), and then into crafts – Carpenter - $13.88 - $29.47 per hour, Plumbers - $15.02 - $42.92, Electricians - $18.34 - $38.81, Heavy equipment Operators - $17.28 - $30.24. From there, there are other pathways you can explore – Supervisors - $17.69 - $44.69, Managers - $24.55 - $58.92, building inspectors - $19.16 - $46.12, Estimators - $18.76 - $50.58, Safety Specialists - $22.93 - $46.66, and Civil Engineers make $26.96 - $51.54. This does not even include support services such as accounting, sales, mechanics, bookkeeping, security, IT, procurement, etc.

Your career path starts by either a direct hire on a job site, or through an approved apprenticeship program. By utilizing a Pre-Apprenticeship Program, you give yourself a step up from the competition. Your learning and experience can be the difference between just being a “shovel” on the job or learning more advanced skills quicker to propel your career forward.

In the next few years, Grants Pass and Ashland will be starting construction on new water plants. Word is, Medford is also exploring either updating or new construction as well. These municipal projects are Prevailing Wage jobs (prevailing wages are established by regulatory agencies for each trade and occupation employed in the performance of public work, as well as by State Departments of Labor). By getting into the trades now, you will gain valuable skills and experience so when the projects come online, instead of an unskilled laborer at around $12 per hour, you could be a skilled laborer at a prevailing wage (for laborers) in the mid-$20’s per hour. I would call getting started now an investment into your future.

In addition to these large-scale projects, residential and commercial building supply cannot keep up with demand. This means even more job opportunities and a stable demand for the foreseeable future in an industry with great wages and no schooling costs, outside of any apprenticeship program costs.

I am the recruiter for WSRV in the construction trade. If you are interested in a career in construction, please send me a resume and let me know what particular trade you are most interested in and I will add you to my database, and work with you on placement.
Addendums #3 — 6, Labor Market Info

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**Occupation Profiles**

The Occupation Profiles tool is located on QualityInfo.org, a website of the Oregon Employment Department

**Construction Laborers (472061)**

Rogue Valley (Jackson, Josephine)

**Description**

Perform tasks involving physical labor at construction sites. May operate hand and power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instruments. May clean and prepare sites, dig trenches, set braces to support the sides of excavations, erect scaffolding, and clean up rubble, debris and other waste materials. May assist other craft workers. Construction laborers who primarily assist a particular craft worker are classified under "Helpers, Construction Trades" (47-3010). Excludes "Hazardous Materials Removal Workers" (47-4041).

**State of Oregon Licenses and Certifications**

for Construction Laborers

No statewide license is required for this occupation.

**Wage Range**

for Construction Laborers

<table>
<thead>
<tr>
<th>Area</th>
<th>10th Percentile</th>
<th>25th Percentile</th>
<th>50th Percentile (Median)</th>
<th>75th Percentile</th>
<th>90th Percentile</th>
<th>Average Hourly</th>
<th>Average Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon</td>
<td>$13.89</td>
<td>$16.54</td>
<td>$19.79</td>
<td>$25.82</td>
<td>$31.25</td>
<td>$21.58</td>
<td>$44,885</td>
</tr>
<tr>
<td>Rogue Valley</td>
<td>12.53</td>
<td>14.81</td>
<td>18.07</td>
<td>21.93</td>
<td>26.84</td>
<td>18.76</td>
<td>39,059</td>
</tr>
</tbody>
</table>

**Employment Outlook**

for Construction Laborers

Statewide Employment Analysis

Employment in this occupation in 2019 was much larger than most occupations across the state. The total number of job openings is projected to be much larger than most occupations in Oregon through 2029. This occupation is expected to grow at about the statewide average growth rate for all occupations through 2029.

Reasonable employment opportunities exist.

Area Employment Analysis

Employment in this occupation in 2019 was much larger than most occupations in the region. The total number of job openings is projected to be much larger than most occupations in the region through 2029. This occupation is expected to grow at a somewhat faster rate than the regional average growth rate for all occupations through 2029.

**Area Employment Projections**

for Construction Laborers

Replacement openings are caused by existing workers permanently leaving their occupation. Many additional job openings occur due to job changes within occupations.

<table>
<thead>
<tr>
<th>Area</th>
<th>2019 Employment</th>
<th>2029 Employment</th>
<th>Percent Change</th>
<th>Annual Change Openings</th>
<th>Annual Replacement Openings</th>
<th>Total Annual Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon</td>
<td>18,276</td>
<td>20,268</td>
<td>10.9%</td>
<td>199</td>
<td>2,144</td>
<td>2,343</td>
</tr>
<tr>
<td>Rogue Valley</td>
<td>1,065</td>
<td>1,207</td>
<td>13.3%</td>
<td>14</td>
<td>126</td>
<td>140</td>
</tr>
</tbody>
</table>

**Educational Requirements**

for Construction Laborers

The typical entry level education for this occupation is a less than high school. Those with a high school diploma or equivalent have a competitive advantage in the labor market.
Occupation Profiles

The Occupation Profiles tool is located on QualityInfo.org, a website of the Oregon Employment Department

Helpers, Construction Trades, All Other (473019)
Rogue Valley (Jackson, Josephine)

Description
All construction trades helpers not listed separately.

State of Oregon Licenses and Certifications
for Helpers, Construction Trades, All Other
No statewide license is required for this occupation.

Wage Range
for Helpers, Construction Trades, All Other

<table>
<thead>
<tr>
<th>Area</th>
<th>10th Percentile</th>
<th>25th Percentile</th>
<th>50th Percentile (Median)</th>
<th>75th Percentile</th>
<th>90th Percentile</th>
<th>Average Hourly</th>
<th>Average Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon</td>
<td>$13.21</td>
<td>$14.93</td>
<td>$17.38</td>
<td>$10.85</td>
<td>$24.70</td>
<td>$18.13</td>
<td>$37,703</td>
</tr>
<tr>
<td>Rogue Valley</td>
<td>12.53</td>
<td>13.37</td>
<td>15.41</td>
<td>18.91</td>
<td>34.71</td>
<td>17.98</td>
<td>37,396</td>
</tr>
</tbody>
</table>

Employment Outlook
for Helpers, Construction Trades, All Other

Statewide Employment Analysis
Employment in this occupation in 2019 was similar to most occupations across the state. The total number of job openings is projected to be similar to job openings for most occupations in Oregon through 2029. This occupation is expected to grow at about the statewide average growth rate for all occupations through 2029.

Reasonable employment opportunities exist.

Area Employment Analysis
Employment in this occupation in 2019 was similar to most occupations in the region. The total number of job openings is projected to be similar to job openings for most occupations in the region through 2029. This occupation is expected to grow at about the regional average growth rate for all occupations through 2029.

Area Employment Projections
for Helpers, Construction Trades, All Other
Replacement openings are caused by existing workers permanently leaving their occupation. Many additional job openings occur due to job changes within occupations.

<table>
<thead>
<tr>
<th>Area</th>
<th>2019 Employment</th>
<th>2029 Employment</th>
<th>Percent Change</th>
<th>Annual Change Openings</th>
<th>Annual Replacement Openings</th>
<th>Total Annual Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon</td>
<td>316</td>
<td>343</td>
<td>8.5%</td>
<td>3</td>
<td>44</td>
<td>47</td>
</tr>
<tr>
<td>Rogue Valley</td>
<td>19</td>
<td>21</td>
<td>10.5%</td>
<td>0</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Educational Requirements
for Helpers, Construction Trades, All Other
The typical entry level education for this occupation is a less than high school. Those with a high school diploma or equivalent have a competitive advantage in the labor market.

Knowledge
for Helpers, Construction Trades, All Other
Examples of the knowledge needed for success in this occupation is listed below, in order of importance. This information comes from the Occupational Information Network (O*NET).
No skill sets are available for this occupation.
Construction and Related Workers, All Other (474099)
Rogue Valley (Jackson, Josephine)

Description
All construction and related workers not listed separately.

State of Oregon Licenses and Certifications
for Construction and Related Workers, All Other
No statewide license is required for this occupation.

Wage Range
for Miscellaneous Construction and Related Workers **

<table>
<thead>
<tr>
<th>Area</th>
<th>10th Percentile</th>
<th>25th Percentile</th>
<th>50th Percentile (Median)</th>
<th>75th Percentile</th>
<th>90th Percentile</th>
<th>Average Hourly</th>
<th>Average Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon</td>
<td>$13.80</td>
<td>$16.41</td>
<td>$19.91</td>
<td>$25.88</td>
<td>$29.81</td>
<td>$21.00</td>
<td>$43,666</td>
</tr>
<tr>
<td>Rogue Valley</td>
<td>13.95</td>
<td>16.37</td>
<td>18.63</td>
<td>26.64</td>
<td>30.60</td>
<td>20.46</td>
<td>42,563</td>
</tr>
</tbody>
</table>

** Wage data is not available for Construction and Related Workers, All Other, but is available for the related occupation of Miscellaneous Construction and Related Workers (474090).

Employment Outlook
for Construction and Related Workers, All Other

Statewide Employment Analysis
State employment analysis currently not available.

Area Employment Analysis
Area employment analysis currently not available.

Area Employment Projections
for Miscellaneous Construction and Related Workers **
Replacement openings are caused by existing workers permanently leaving their occupation. Many additional job openings occur due to job changes within occupations.

<table>
<thead>
<tr>
<th>Area</th>
<th>2019 Employment</th>
<th>2029 Employment</th>
<th>Percent Change</th>
<th>Annual Change Openings</th>
<th>Annual Replacement Openings</th>
<th>Total Annual Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon</td>
<td>266</td>
<td>285</td>
<td>7.1%</td>
<td>2</td>
<td>34</td>
<td>36</td>
</tr>
<tr>
<td>Rogue Valley</td>
<td>14</td>
<td>14</td>
<td>0.0%</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

** Projections data is not available for Construction and Related Workers, All Other, but is available for the related occupation of Miscellaneous Construction and Related Workers (474090).

Educational Requirements
for Construction and Related Workers, All Other
No educational requirements are available for this occupation.

Knowledge
for Construction and Related Workers, All Other
Examples of the knowledge needed for success in this occupation is listed below, in order of importance. This information comes from the Occupational Information Network (O*NET).
No skill sets are available for this occupation.
Helpers--Carpenters (473012)
Rogue Valley (Jackson, Josephine)

Description
Help carpenters by performing duties requiring less skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment. Construction laborers who do not primarily assist carpenters are classified under "Construction Laborers" (47-2061). Apprentice workers are classified with the appropriate skilled construction trade occupation (47-2011 through 47-2231).

State of Oregon Licenses and Certifications
for Helpers--Carpenters
No statewide license is required for this occupation.

Wage Range
for Helpers--Carpenters

<table>
<thead>
<tr>
<th>Area</th>
<th>10th Percentile</th>
<th>25th Percentile</th>
<th>50th Percentile</th>
<th>75th Percentile</th>
<th>90th Percentile</th>
<th>Average Hourly</th>
<th>Average Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon</td>
<td>$14.07</td>
<td>$16.29</td>
<td>$18.75</td>
<td>$22.35</td>
<td>$26.26</td>
<td>$19.74</td>
<td>$41,063</td>
</tr>
<tr>
<td>Rogue Valley</td>
<td>14.85</td>
<td>18.17</td>
<td>22.85</td>
<td>27.28</td>
<td>30.07</td>
<td>22.43</td>
<td>46,643</td>
</tr>
</tbody>
</table>

Employment Outlook
for Helpers--Carpenters

Statewide Employment Analysis
Employment in this occupation in 2019 was similar to most occupations across the state. The total number of job openings is projected to be similar to job openings for most occupations in Oregon through 2029. This occupation is expected to grow at about the statewide average growth rate for all occupations through 2029.

Reasonable employment opportunities exist.

Area Employment Analysis
Employment in this occupation in 2019 was similar to most occupations in the region. The total number of job openings is projected to be similar to job openings for most occupations in the region through 2029. This occupation is expected to grow at a somewhat faster rate than the regional average growth rate for all occupations through 2029.

Area Employment Projections
for Helpers--Carpenters
Replacement openings are caused by existing workers permanently leaving their occupation. Many additional job openings occur due to job changes within occupations.

<table>
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<tr>
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<th>2019 Employment</th>
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<th>Percent Change</th>
<th>Annual Change Openings</th>
<th>Annual Replacement Openings</th>
<th>Total Annual Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon</td>
<td>556</td>
<td>626</td>
<td>10.8%</td>
<td>6</td>
<td>80</td>
<td>88</td>
</tr>
<tr>
<td>Rogue Valley</td>
<td>46</td>
<td>53</td>
<td>15.2%</td>
<td>1</td>
<td>7</td>
<td>8</td>
</tr>
</tbody>
</table>

Educational Requirements
for Helpers--Carpenters
The typical entry level education for this occupation is a less than high school. Those with a high school diploma or equivalent have a competitive advantage in the labor market.