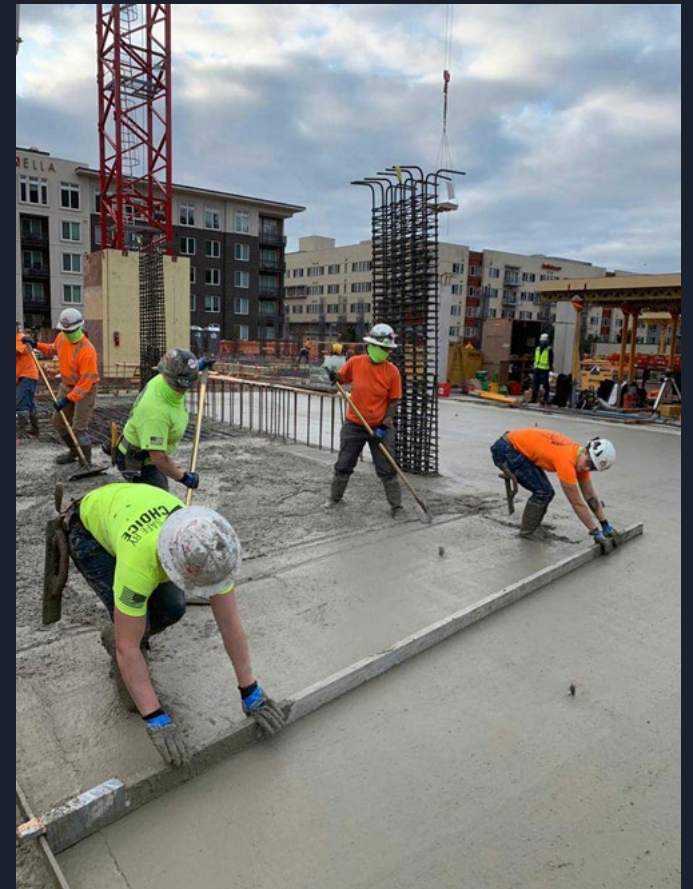


# Apprenticeship in the Building Trades



# What is Apprenticeship?

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- A combination of on-the-job training and classroom instruction
- A unique way to earn a college-level education while earning a living and fringe benefits at the same time
- Often tuition-free

# Terminology

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- Trade/Craft – a line of skilled manual or mechanical work
- Apprentice – someone who is learning a trade by working on the job and completing classroom instruction
- Journeyman – someone who has completed their formal apprenticeship and can now work unsupervised, and will train the next generation of apprentices!

[https://www.youtube.com/watch?v=Q4GLw8BA23Q&ab\\_channel=OregonTradeswomen](https://www.youtube.com/watch?v=Q4GLw8BA23Q&ab_channel=OregonTradeswomen)

# Why learn a trade?

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- Between 2020-2030 we'll see an increase of 1.8 million construction jobs with an annual rate of growth of 2.9 percent, which is the largest increase in employment among all industries
- Rather than facing enormous college debt, the pathway to a career in the building trades is made through apprenticeship
- Take satisfaction in meaningful work, knowing that you are building your community's schools, hospitals, roadways, and more
- Every day you can say "I built that"

# Apprenticeship vs college

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- After completing your training and becoming a journey-level worker, you are already considered a trained professional
- *After completing college, most people find themselves as a new graduate without any work experience, hunting for their first real job*

# Pay VS Make

## University of Oregon (Danny)

- 1<sup>st</sup> Year - \$26,000 **Paid/loan**
- 2<sup>nd</sup> Year - \$26,000 **Paid/loan**
- 3<sup>rd</sup> Year - \$26,000 **Paid/loan**
- 4<sup>th</sup> Year - \$26,000 **Paid/loan**
- Total Paid/loaned** - \$104,000
- Private College - \$200,000

Job?

Salary?

## Electrician Apprentice (Alana)

- 1<sup>st</sup> Year - \$35,422 **Made**
- 2<sup>nd</sup> Year - \$45,190 **Made**
- 3<sup>rd</sup> Year - \$55,260 **Made**
- 4<sup>th</sup> Year - \$65,310 **Made**
- Total Made** - \$201,182

Job – Journey Level Worker

Salary - \$84,000(w/ benefits) and up

# Be competitive when you apply

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## Application Portfolio

- Cover letter
- Trade-related resume (highlight any hands-on experience –paid, volunteer, hobby)
- Letters of recommendation highlighting work ethic
- Photos of things you have built or fixed

## Practice Interview Skills

- Most interviews are panel interviews
- Looking for passion, determination, and knowledge of the industry

## Improve your Qualifications Before You Apply

- Education – trade-classes, math
- Pre-Apprenticeships
- Hands-on Experience – paid; volunteer; hobbies that require the use of tools

# Realities

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- Physically demanding – wear and tear on body
- Work in all weather conditions
- Unemployment



# Carpenter

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- Carpenters
- Interior/Exterior Specialists
- Millwrights
- Pile Drivers
- Scaffold Erectors

Matt S, Scaffold Erector Apprentice at the Carpenters Union -  
<https://vimeo.com/458859996>

<https://www.carpenters.org/video/page/2/>

# Construction Craft Laborer

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Laborers may be skilled or unskilled workers with duties as varied as clearing timber and brush, removing demolished materials from a job site, placing and vibrating concrete, landscaping, installing pipe, handling the materials for other trades workers or using explosives to demolish buildings. Laborers are needed on all types of construction projects such as highways, bridges, tunnels, large buildings, sanitation, and residential and perform work for the duration of the project. A laborer must know how to work with his or her hands and with power tools run by gasoline, electricity and compressed air.

Laborer work is performed both indoors and outdoors and may be done on a surface environment, at extreme heights, underground or above or under water. All laborers must do a considerable amount of lifting, carrying, climbing, kneeling, balancing and even crawling. Jobs require strength, dexterity and alertness.

<https://www.youtube.com/watch?v=T36IoeNRd0M>

# Electrician – 3 programs

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- Inside Electrician
- Limited Energy Technician
- Limited Residential Electrician

[https://www.youtube.com/watch?time\\_continue=5&v=JtGmovWQ8Ps](https://www.youtube.com/watch?time_continue=5&v=JtGmovWQ8Ps)

# Electrician – 3 programs

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- **Inside Electrician (Commercial/Industrial work) - 5 year program:** Perform electrical installations, construction, maintenance, repair and service. They work on electrical construction projects ranging from single-family residences to state-of-the-art industrial plants.
- **Limited Energy Technician (Low Voltage work) - 3 ½ year program:** Technicians install, maintain, replace and repair electrical systems and equipment of under 100 volt-amperes, including protective signaling systems (alarms), communications systems (data telecommunications, intercom and paging) and specialized control systems (HVAC, medical, boiler, clock and instrumentation).
- **Limited Residential Electrician - 2 ½ year program:** Work in all phases of the residential electrical construction and service industry. They do the electrical construction work on projects ranging from single-family residences to apartment complexes.

# Questions?

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Feel free to email me any new questions you might have after hearing all of this new information.

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