

# Apprenticeship The Other 4 Year Degree



Get into  
Construction

# Connecticut Department of Transportation & Highway Construction Industry




**WHERE IS THE NEXT GENERATION OF WORKER  
GOING TO COME FROM?**

**HOW DO WE ATTRACT THE NEXT GENERATION TO  
THE HIGHWAY CONSTRUCTION AND MAINTENANCE  
INDUSTRY?**

# Scouting for New Talent





**OPPORTUNITY IS  
OFTEN DRESSED UP IN  
WORK CLOTHES**

CROFT M PENTZ



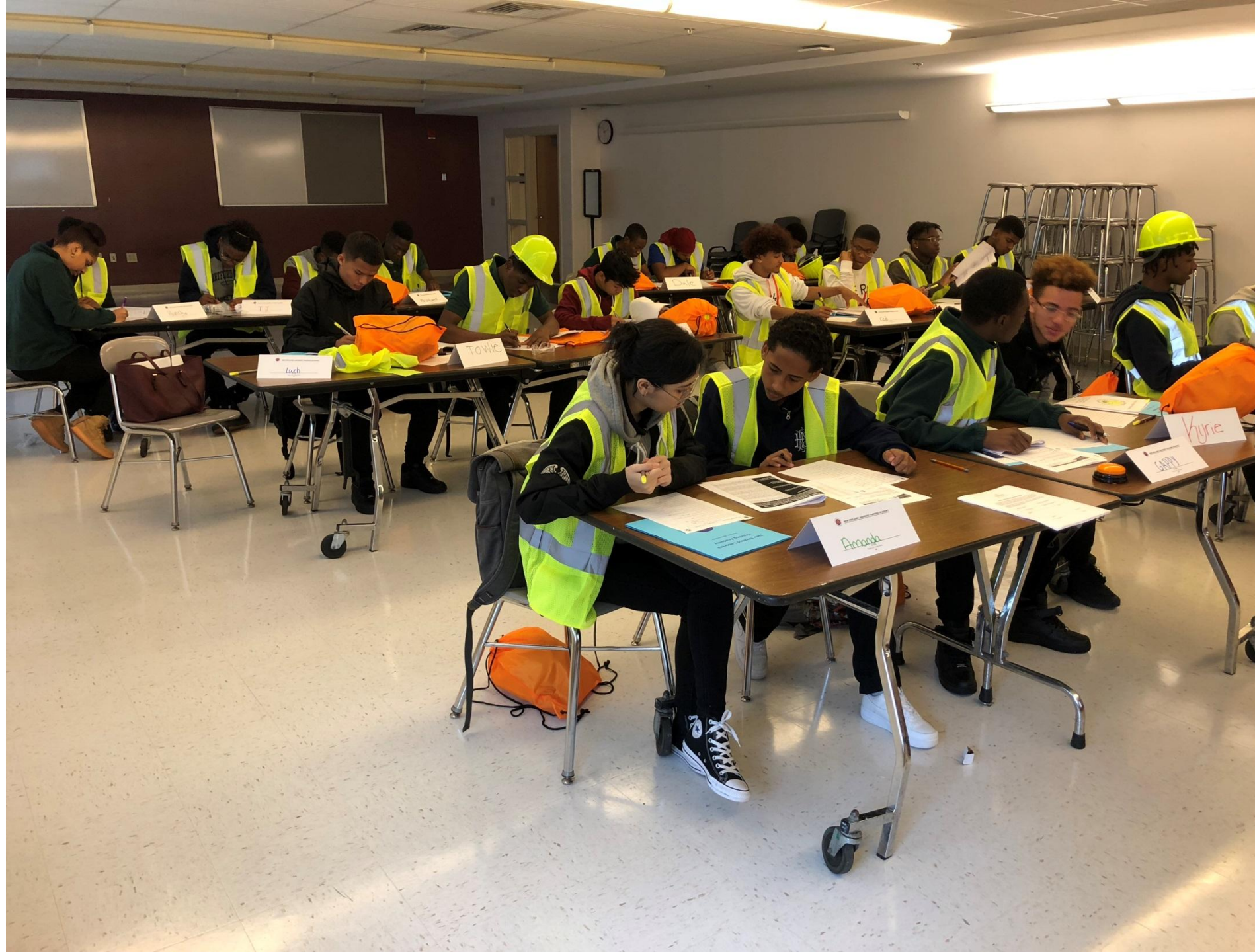
# Highway Construction



# What Careers with Apprentices are available in the Highway Construction Trades?



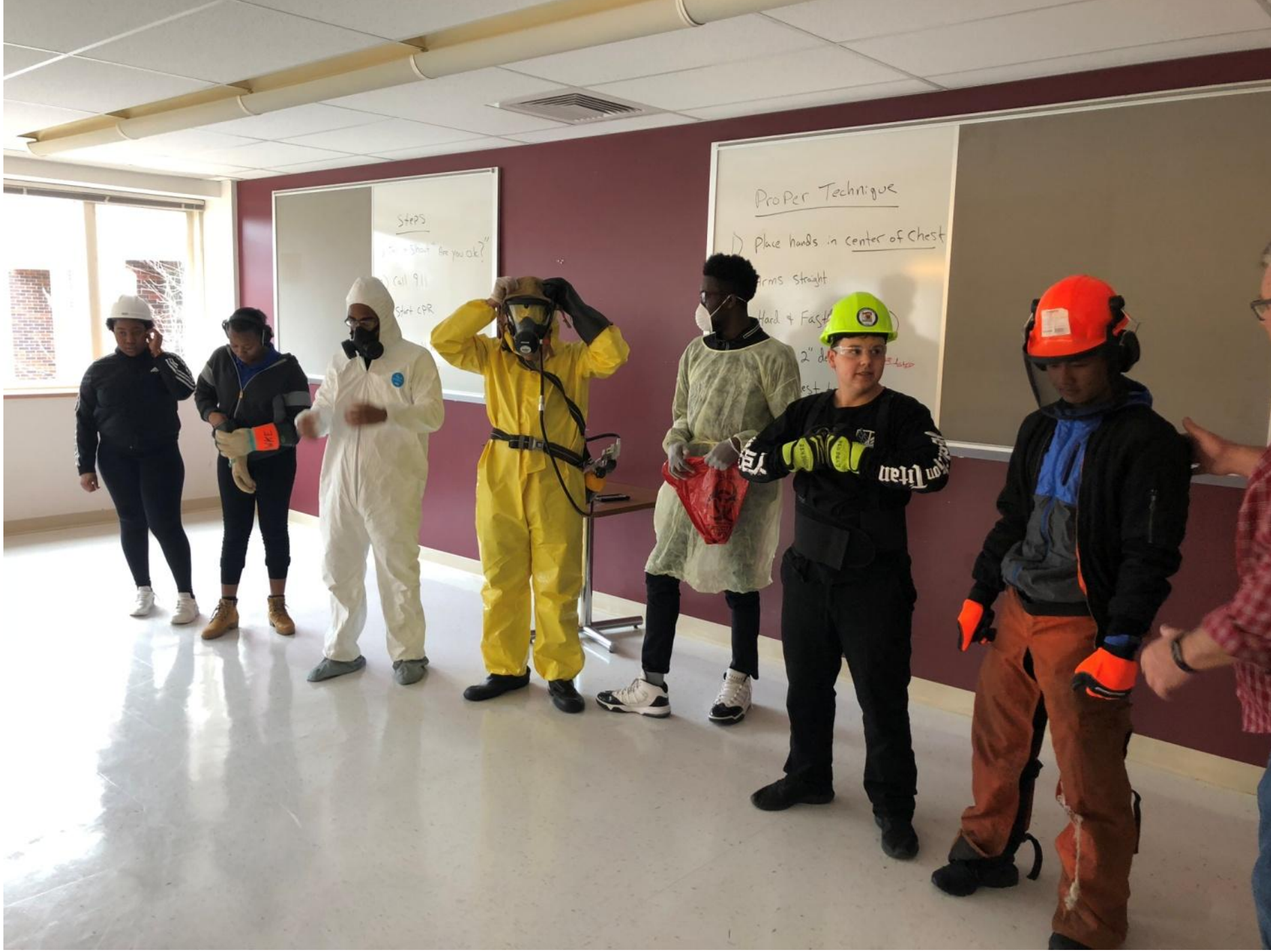
- Laborers
- Operators
- Carpenters
- Iron Workers
- Electricians











Steps

- 1. "Shout" fire you ok?
- 2. Call 911
- 3. Start CPR

Proper Technique

- 1. Place hands in center of chest
- 2. Arms straight
- 3. Hard & Fast
- 4. 2" depth
- 5. Rest

































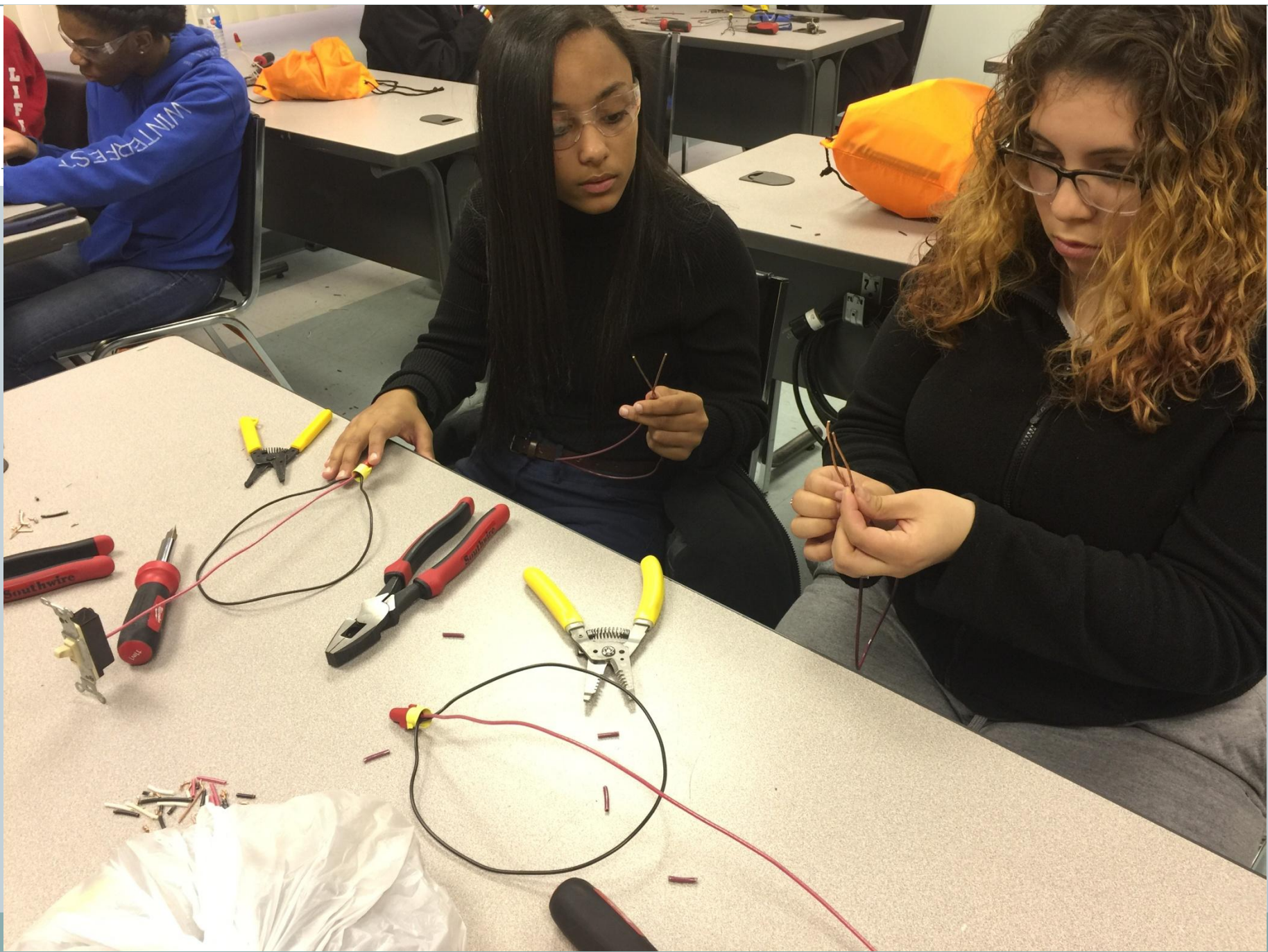












# QUALITY UNION TRAINING



**CONNECTICUT BUILDING  
CONSTRUCTION TRADES  
APPRENTICESHIP PROGRAMS**

[www.jatdcc.org](http://www.jatdcc.org)



- **QUALITY UNION TRAINING - CT**  
**Department of Labor**
- [ctdol.state.ct.us](https://www.ctdol.state.ct.us)<https://www.ctdol.state.ct.us> >  
[progsupt](#) > [appren](#)



## Heavy Rates

County	Town	Classification	Hourly Rate	Hourly Benefit
Hartford	East Windsor	2) Carpenters, Piledrivermen	\$36.07	26.15
Hartford	East Windsor	2a) Diver Tenders	\$36.07	26.15
Hartford	East Windsor	3) Divers	\$44.53	26.15
Hartford	East Windsor	03a) Millwrights	\$36.32	26.81
Hartford	East Windsor	4) Painters: (Bridge Construction) Brush, Roller, Blasting (Sand, Water, etc.), Spray	\$55.00	23.75
Hartford	East Windsor	4a) Painters: Brush and Roller	\$37.22	23.40
Hartford	East Windsor	4b) Painters: Spray Only	\$40.22	23.40
Hartford	East Windsor	4c) Painters: Steel Only	\$39.22	23.40
Hartford	East Windsor	4d) Painters: Blast and Spray	\$40.22	23.40
Hartford	East Windsor	4e) Painters: Tanks, Tower and Swing	\$39.22	23.40
Hartford	East Windsor	4f) Elevated Tanks (60 feet and above)	\$46.22	23.40
Hartford	East Windsor	5) Electrician (Trade License required: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	\$41.75	31.47+3% of gross wage
Hartford	East Windsor	6) Ironworkers: Ornamental, Reinforcing, Structural, and Precast Concrete Erection	\$39.70	38.77 + a
Hartford	East Windsor	7) Plumbers (Trade License required: (P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2) and Pipefitters (Including HVAC Work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4 G-1, G-2, G-8, G-9)	\$47.03	34.05
Hartford	East Windsor	---LABORERS--- -		
Hartford	East Windsor	8) Group 1: Laborer (Unskilled), Common or General, acetylene burner, concrete specialist	\$32.00	24.40
Hartford	East Windsor	9) Group 2: Chain saw operators, fence and guard rail erectors, pneumatic tool operators, powdermen	\$32.25	24.40
Hartford	East Windsor	10) Group 3: Pipelayers	\$32.50	24.40
Hartford	East Windsor	11) Group 4: Jackhammer/Pavement breaker (handheld); mason tenders (cement/concrete), catch basin builders, asphalt rakers, air track operators, block paver, curb setter and forklift operators	\$32.50	24.40

<https://www.ctdol.state.ct.us/wgwkstnd/prevailwage.htm>

## You Must Apply, Be Accepted and then go to Training



- Laborers – 2 1/2 - 3 years, 4000 hrs OJT, 320 classroom
- Operators - 4 years – 6000 OJT, Saturday classroom
- Carpenters – 8000 hrs + 144 related hrs per year
- Iron Workers - 4 years, 8000 hrs OJT + night school
- Electricians – 5 years, 8000 hrs OJT, 1000 hrs classroom

# Laborers



# Laborers Union



What do I need to apply:

- At least 18 years old
- High school graduate or GED
- High school transcript
- Physically able to perform the work
- Oral interview
- Reliable transportation
- Drug free

# Laborers Union

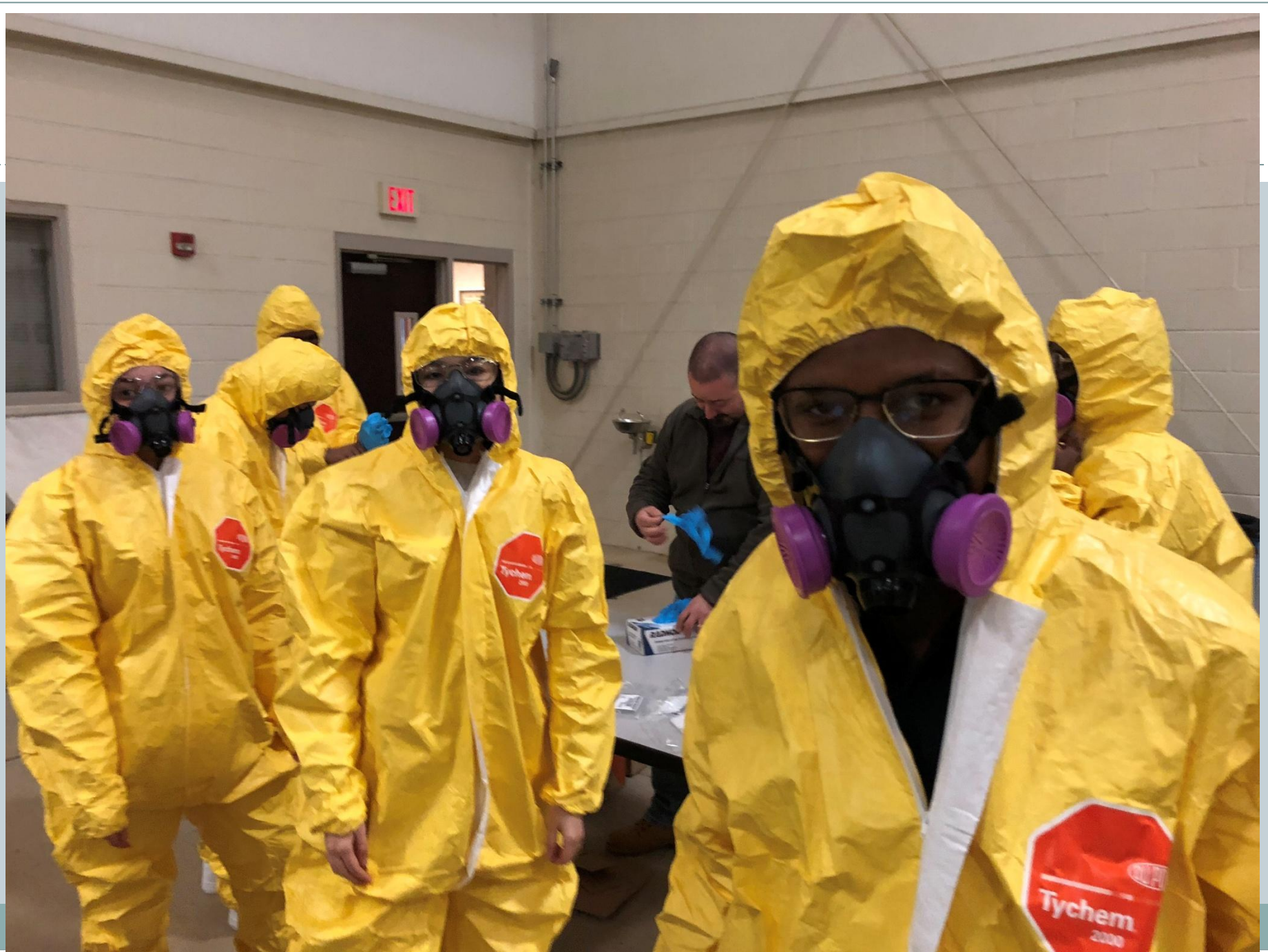


Starting rate of pay:

- 60% of journeyman rate plus benefits
- Journeyman rate - \$ 34.23 per hour plus \$ 24.40 in benefits = \$ 58.63
-

# Laborers' Training Center – Pomfret, CT









# Operators



# Operating Engineers



What do I need to apply:

- At least 18 years old
- High school graduate or GED
- Current drivers license
- Oral interview
- Aptitude test
- Drug free

# Operating Engineer



Starting rate of pay:

- 60% of journeyman rate plus benefits
- Journeyman rate - \$ 45.71 per hour plus \$ 26.80 in benefits = \$ 72.51



# Operators Training Center



# Carpenters



# Carpenters



What do I need to apply:

- At least 18 years old
- High school graduate or GED
- Physically able to perform the work
- Drug free



# Carpenters



Starting rate of pay:

- 50% of journeyman rate plus benefits
- Journeyman rate - \$ 36.07 per hour plus \$ 26.15 in benefits = \$ 62.22

# Bridge Building



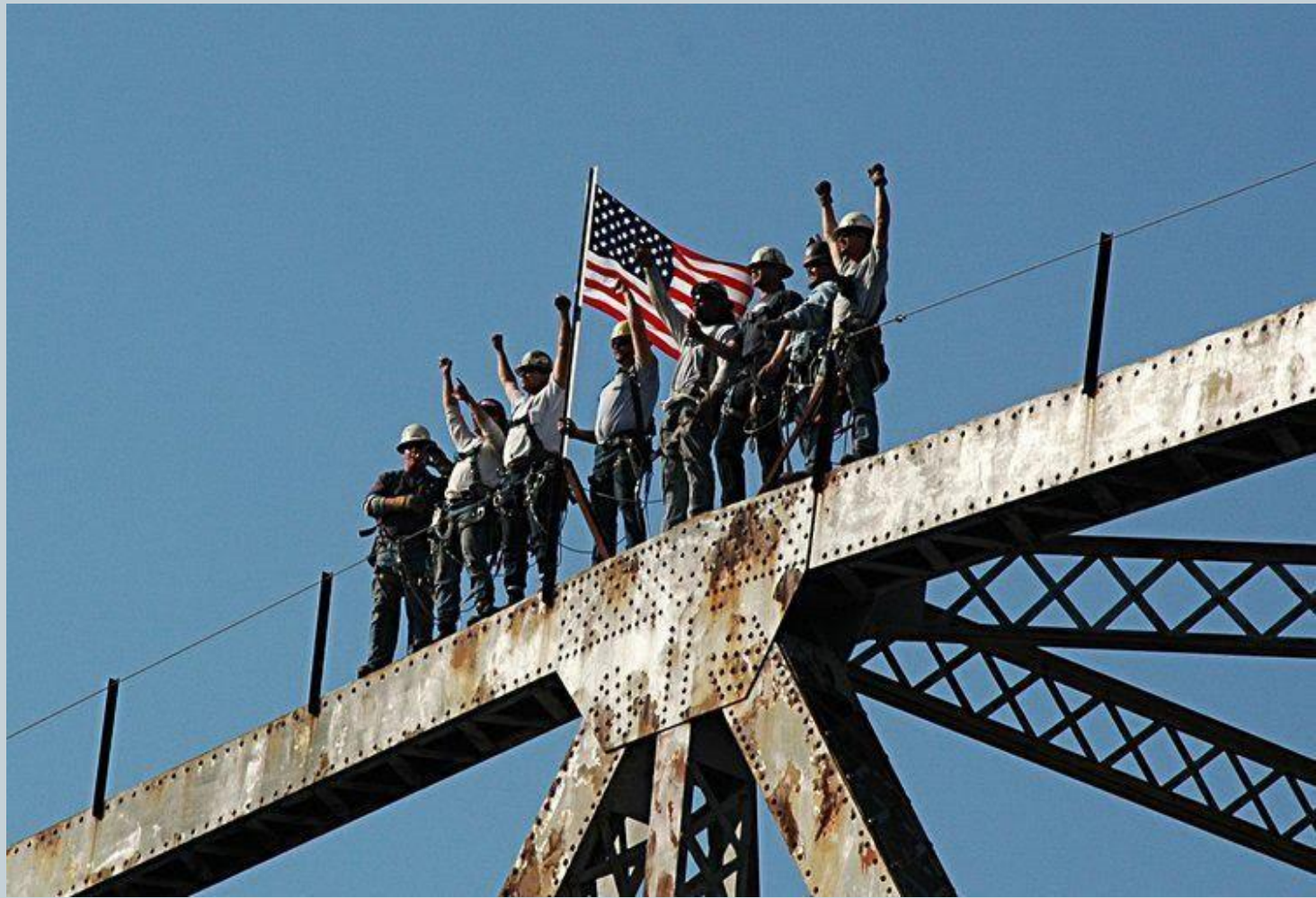
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# Carpenters Training Center



# Iron Workers



# Iron Workers



What do I need to apply:

- At least 18 years old
- High school graduate or GED
- High school transcript
- Oral interview
- Drug free

# Iron Workers



Starting rate of pay:

- 60% of journeyman rate plus benefits
- Journeyman rate - \$ 39.70 per hour plus \$ 38.77 in benefits = \$ 78.47

INSIDE









# Iron Workers Training Center



# Electricians



# Electricians



What do I need to apply:

- At least 18 years old
- High school graduate or GED
- Pass one year of algebra
- High school transcript
- Aptitude test
- Oral interview
- Drug free

# Electricians



Starting rate of pay:

- 40% - 50% of journeyman rate plus benefits
- Journeyman rate - \$ 41.75 per hour plus \$ 31.47 in benefits = \$ 73.22



# Repair Traffic Control Devices



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# Electricians Training Center





# Questions



# Laborers Video



**C**ONNECTICUT  
Pre-Apprenticeship  
High School Training Program



LABORERS

<https://youtu.be/mathzYLLJKQ?list=TLGGW-X5QVR7PUUwNDA1MjAyMw>



**CONNECTICUT**  
Pre-Apprenticeship  
High School Training Program

## THERE'S SCIENCE IN CONSTRUCTION



Are you a senior interested in a well paying and rewarding career after graduation?

Do you enjoy science?

The asphalt pavement construction industry in Connecticut is looking to develop a workforce training program to support the need for Asphalt Quality Control Lab Technicians.



The Quality Control Lab Technician performs inspections, checks, and tests for quality of the material to be utilized in the manufacturing of asphalt, ensuring product quality and compliance with applicable specifications.



Please visit  
[www.ctpahstp.com](http://www.ctpahstp.com)  
for more details and to  
complete the self assessment.



This program is funded by the Connecticut Department of Transportation. Instruction will be by Connecticut Transportation Institute, School of Engineering, University of Connecticut and the New England Laborers' Union.



[www.ctpahstp.com/asphalt-program.html](http://www.ctpahstp.com/asphalt-program.html)

# Hands On Activities



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# Hands On Activities



# Contact Information



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