

BuildUP Trade Certification Resource Guide

■ Table of Contents

1. Carpentry
2. Electrical
3. HVAC
4. Plumbing
5. Welding
6. Roofing
7. Basic Installations (Ceiling Fans, Fixtures)

1. Carpentry

Job Description: Construct, install, and repair wooden frameworks and structures such as door frames, stairways, and furniture.

Starting Pay Rate: ~\$19/hr (\$39,500 annually) – entry level.

Basic Info: Carpenters often work on construction sites, indoors and outdoors. High demand for residential/commercial projects, steady employment through union apprenticeships.

Training Resources

■ Click here for Apprentice Video – Official Apprentice (YouTube):

https://www.youtube.com/@Official_apprentice

■ Click here for Professional Video – TT Dowg Carpentry (YouTube):

<https://www.youtube.com/@ttdowgcarpentry2390>

■ Click here for O*NET – Carpenters: <https://www.onetonline.org/link/summary/47-2031.00>

■ Click here for My Next Move – Carpenters:

<https://www.mynextmove.org/profile/summary/47-2031.00>

Local Training (Birmingham, AL)

■ Click here for Alabama Carpenters Local Union 103: <https://www.secarpenters.org>

■ Click here for Lawson State Community College – Building Construction:

<https://www.lawsonstate.edu>

2. Electrical

Job Description: Install, maintain, and repair electrical wiring, equipment, and fixtures.

Starting Pay Rate: ~\$21/hr (\$43,700 annually) – entry level.

Basic Info: Electricians work indoors and outdoors on residential and commercial projects. Steady demand with strong union and apprenticeship opportunities.

Training Resources

■ Click here for Apprentice Video – Unrare Photos (YouTube):

<https://www.youtube.com/@unrarephotos/videos>

■ Click here for Professional Video – Current Supply Electrical (YouTube Shorts):

<https://www.youtube.com/@currentsupplyelectrical/shorts>

■ Click here for O*NET – Electricians: <https://www.onetonline.org/link/summary/47-2111.00>

■ Click here for My Next Move – Electricians:

<https://www.mynextmove.org/profile/summary/47-2111.00>

Local Training (Birmingham, AL)

■ Click here for IBEW Local 136 JATC Apprenticeship Program: <https://www.ibew136.org>

■ Click here for Lawson State Community College – Electrical Technology:

<https://www.lawsonstate.edu>

3. HVAC

Job Description: Install, maintain, and repair heating, ventilation, air conditioning, and refrigeration systems.

Starting Pay Rate: ~\$20/hr (\$41,600 annually) – entry level.

Basic Info: HVAC technicians often work in homes, schools, hospitals, and office buildings. Demand is high with year-round opportunities.

Training Resources

■ Click here for Apprentice Video – Yung HVAC (YouTube):

<https://www.youtube.com/@YungHVAC>

■ Click here for Professional Video – HVAC Roddy (YouTube):

<https://www.youtube.com/@hvacroddy5261/videos>

■ Click here for Professional/Educator Video – HVAC TechKnowledge (YouTube):

<https://www.youtube.com/@HVACTechKnowledge>

■ Click here for O*NET – HVAC Technicians:

<https://www.onetonline.org/link/summary/49-9021.00>

■ Click here for My Next Move – HVAC Technicians:

<https://www.mynextmove.org/profile/summary/49-9021.00>

Local Training (Birmingham, AL)

■ Click here for Lawson State Community College – HVAC Program:

<https://www.lawsonstate.edu>

■ Click here for Alabama Power HVAC Training Center: <https://www.alabamapower.com/business/save-money-energy/energy-education/hvac-training-center.html>

■ Click here for ABC of Alabama Apprenticeship Programs: <https://abc-alabama.org>

4. Plumbing

Job Description: Assemble, install, and repair pipes, fittings, and fixtures of heating, water, and drainage systems.

Starting Pay Rate: ~\$19/hr (\$39,500 annually) – entry level.

Basic Info: Plumbers work in residential, commercial, and industrial settings. Strong demand with apprenticeship pathways leading to steady employment.

Training Resources

■ Click here for Professional Video – Pro Era Plumbing (YouTube Shorts):

<https://www.youtube.com/@ProEraPlumbing/shorts>

■ Click here for O*NET – Plumbers: <https://www.onetonline.org/link/summary/47-2152.00>

■ Click here for My Next Move – Plumbers:

<https://www.mynextmove.org/profile/summary/47-2152.00>

Local Training (Birmingham, AL)

■ Click here for Plumbers & Steamfitters Local 91 JATC: <https://ualocal91.org>

■ Click here for Lawson State Community College – Plumbing Technology:

<https://www.lawsonstate.edu>

5. Welding

Job Description: Use hand-welding, flame-cutting, hand soldering, or brazing equipment to weld or join metal components.

Starting Pay Rate: ~\$18/hr (\$37,400 annually) – entry level.

Basic Info: Welders work in manufacturing, construction, and repair shops. Strong growth expected with opportunities in multiple industries.

Training Resources

■ Click here for Professional Video – Your Welding Coach (YouTube):

<https://www.youtube.com/@yourweldingcoach>

■ Click here for Professional Video – Black People Who Weld! (Philadelphia Inquirer):

https://www.youtube.com/watch?v=GT5I_pXv_5o

■ Click here for O*NET – Welders: <https://www.onetonline.org/link/summary/51-4121.00>

■ Click here for My Next Move – Welders:

<https://www.mynextmove.org/profile/summary/51-4121.00>

Local Training (Birmingham, AL)

■ Click here for Lawson State Community College – Welding Program:

<https://www.lawsonstate.edu>

■ Click here for Jefferson State Community College – Welding:

<https://www.jeffersonstate.edu>

■ Click here for ABC of Alabama – Welding Apprenticeships: <https://abc-alabama.org>

6. Roofing

Job Description: Cover roofs of structures with shingles, slate, asphalt, aluminum, wood, or related materials.

Starting Pay Rate: ~\$18/hr (\$37,400 annually) – entry level.

Basic Info: Roofers typically work outdoors in a variety of weather conditions. Strong demand in residential and commercial building projects.

Training Resources

■ Click here for Apprentice Video – Bassedi (YouTube Shorts):

<https://www.youtube.com/@bassedi/shorts>

■ Click here for Professional Video – Drew The Roofer (YouTube):

<https://www.youtube.com/@drewtheroofer>

■ Click here for O*NET – Roofers: <https://www.onetonline.org/link/summary/47-2181.00>

■ Click here for My Next Move – Roofers:

<https://www.mynextmove.org/profile/summary/47-2181.00>

Local Training (Birmingham, AL)

■ Click here for ABC of Alabama – Roofing Apprenticeships: <https://abc-alabama.org>

7. Basic Installations (Ceiling Fans, Fixtures)

Job Description: Assist electricians with small installations such as ceiling fans, outlets, and lighting fixtures.

Starting Pay Rate: ~\$16/hr (\$33,200 annually) – entry level.

Basic Info: Helpers work under licensed electricians on residential and commercial job sites. Provides hands-on training toward becoming a licensed electrician.

Training Resources

■ Click here for Professional Video – Residential Electrician Installations:

<https://www.youtube.com/watch?v=zqGmzBeQ0SE>

■ Click here for O*NET – Electrician Helpers:

<https://www.onetonline.org/link/summary/47-3013.00>

■ Click here for My Next Move – Electrician Helpers:

<https://www.mynextmove.org/profile/summary/47-3013.00>

Local Training (Birmingham, AL)

■ Click here for IBEW Local 136 JATC Apprenticeship Program: <https://www.ibew136.org>