

Brigham Manwaring

3400 W 1500 N
Vernal, Utah 84078
435-828-0258

brighammanwaring@yahoo.com

EXPERIENCE

Electrical Apprentice Instructor, UBTech — October 2025 — Present

Deliver classroom and hands-on electrical training to apprentices, preparing students for successful careers in the electrical trade. Develop and teach curriculum aligned with National Electrical Code (NEC) standards, industry best practices, and workforce requirements. Instruct students in residential, commercial, and industrial electrical systems, electrical theory, blueprint reading, safety procedures, conduit installation, motor controls, and troubleshooting techniques. Evaluate student performance, maintain training records, coordinate practical lab activities, and work closely with industry partners to ensure graduates possess job-ready skills and certifications.

Lead Electrician, TJ Electric — December 2024 — October 2025

My position as a lead journeyman electrician is very similar to the description given from my experience with Taylor Electric but with more emphasis on my team management responsibilities. My role with TJ Electric I would describe more as a management position. Although I still play an active role in the construction of commercial buildings, more of my energy is devoted to directing my team in proper practice and procedure, and oversight of quality control. I get to exercise my planning and coordination skills as my team and colleagues strive to deliver quality service to our customers.

Electrician, Taylor Electric — January 2024 — December 2024

As a journeyman electrician I was responsible to oversee as well as perform the construction of electrical components on commercial construction projects. I was also responsible for communicating and coordinating with other contractors to ensure efficiency and effectiveness. This position required me to be able to read and understand electrical schematics, diagrams, and blueprints to be able to have the foresight to conduct operations successfully. I also had to apply constructive teamwork and communication skills to ensure that my team has the knowledge and understands the information needed to complete the task at hand, quickly and effectively.

Electrician / Automation Technician, Spectra — January 2022 — April 2023

In this position I was tasked with installing the electrical components of oil wells and oil tank batteries. We provided SCADA hosting, 120 volt, 240 volt and 480 volt components to the facilities and companies that we subcontracted under. Additionally, I was tasked with building panel racks and enclosures, wiring programmable logic controllers (PLC's) and remote terminal units (RTU's), testing and calibration of digital and analog devices, installing motor control panels, wiring breaker panels, running conduit, and pulling wire. Some of the devices that I've had experience installing, programming, and troubleshooting include: pressure transmitters, high and low level switches, level transmitters, temperature transmitters, flow meters, solenoid valves, and high and low voltage motors.

Network Technician, Strata Networks — June 2019 — January 2022

My duties as a Communications Network Technician included, installation and maintenance of Strata Networks cable network. I was required to upkeep and maintain the fiber optic fed coaxial network as well as work with customers to ensure satisfaction with the wiring, placement, and performance of internet and communications equipment. This position required that I perform quality installation work with fiber optics, copper cable, coaxial cable, and have excellent customer service skills. I was also required to upkeep and maintain the appearance and performance of a company provided vehicle so that I could ensure smooth operation of my responsibilities.

Commercial / Industrial Electrician, Tri-Phase Electric — May 2013 — June 2019

Starting as a laborer, I was responsible for organizing and distributing parts and materials onto shelves throughout the construction site, so that materials were readily available for use. I was also responsible for maintaining a safe working area by cleaning up materials and waste that coworkers and I had used. I worked my way up to be able to apprentice for journeyman and master electricians and have learned many different skills, i.e. calculating electrical loads, planning materials needed for projects, bending conduit, pulling wire for electrical circuits, wiring electrical circuits, installing fire alarm and security systems, installing appliances such as, air handler units, assembly line food processing equipment, electrical motors, kitchen appliances, lighting systems, light switches, electrical outlets, etc. Throughout my experience as an electrician I have also had the opportunity to learn how to operate machinery such as scissor lifts, telescopic boom lifts, forklifts, and telehandlers.

EDUCATION

Uintah High School

I was enrolled for four years of general education at Uintah High where I graduated and earned my high school diploma. Amongst my academic achievements I was Sophomore Class Vice President, and I obtained state certification in Computer Technology and Auto Mechanics.

Electrical Trade School

I earned my Journeyman Electrician license by meeting Utah's requirements of completing four years of electrical trade schooling, working over 8,000 hours of on the job training as an apprentice electrician, and passing the required exams.

REFERENCES

Charlie Davis
435-622-6435
1252 W 2500 S
Vernal, UT 84078

John Shakespear
435-890-0357
6951 Albanese St Apt B
Colorado Springs, CO 80902

Jason Maynard
435-622-6248
649 N 2380 W
Vernal, UT 84078