

RYAN D ARNE
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Ryan has been the Director of the Apprenticeship Program since the program began in 2012. Creating and building the foundation for a new apprentice electrical training program in the Midwest is a personal life goal he has reached.

The vision he had was to develop an apprentice program for students who want to become an entry-level apprentice electrician with more than just a diploma or associates degree. He wanted a training program that would be solely taught on electrical courses combined with hands on experience. The next few months that followed, Ryan developed the training program with a dedicated lab to make it affordable without general educational classes. The program began with two students and now graduate between 24 -28 students a year. When Ryan was casting his vision, he could find no one else in the Midwest states who offered the type of program he wanted.

The Apprenticeship program has been approved by the South Dakota and Wyoming State Electrical Boards. In Wyoming, the program fulfills their requirement for the apprenticeship related training requirements. South Dakota approves the students 640 hours toward their required 8000 hours of apprentice job experience.

Ryan provides a great educational experience for apprentices. He has trained students with no or little experience to four years of electrical experience and gives them a rewarding experience. Whether it's in the classroom, or jobsite with his students, communication-intent-conduct is foremost. Ryan delivers an excellent and organized presentation in his classes and follows the same through in the lab. Expectations are high for students to be the best they can be. The focus of the apprenticeship class is to serve the electrical industry of contractors with graduates who know and understand their role as an apprentice.

Ryan has been a self-employed electrical contractor in Riverside, California since 2007. He holds licenses in California and South Dakota. Ryan has an Associates Degree in Industrial Electronics and is a member of the SD Electrical Council.

Ryan joined the company at AETech with his father, Steve Arne who has been in the electrical industry for 35 years. Steve is the President/Owner of AETech and the Director of the Continuing Educational classes.

EMPLOYMENT

2012 – Director and Instructor of the Apprentice Electrician Program at AETech Electrical Training Center, Rapid City, South Dakota

2007 – 2012 President of Infinite Power Electrical Contracting, 3008 Floral Ave, Riverside, CA
California C-10 Electrical Contractor's License: 909649

- Custom home wiring, Troubleshooting, service work, Solar power, Industrial and Commercial.

September 2005 – 2007; Electrical Journeyman

University of California, Riverside

900 University Ave., Riverside, CA 92521

- Electrical Maintenance and troubleshooting, motor control, tenant improvement, renovation work and new construction projects.

2002 – 2005 Electrical Journeyman and Foreman

Dalke and Sons Construction: Riverside, CA

Public Works Projects for California State Universities

- Installing commercial wiring systems for electrical power, lighting, voice/data and Fire Alarm systems.

2001 – 2002 Electrical Journeyman

Lon's Electrical Service – San Bernardino, CA

- Installing commercial wiring systems for electrical power, lighting, motor control, troubleshooting for commercial and industrial applications.

1994 – 2001 Electrical Journeyman

- Installing commercial and residential wiring systems for power, lighting, fire alarm and communication systems. Service work was also included in my duties.

SUMMARY:

My entire working career has been in the electrical industry. I love teaching at AETech and pursuing the dream of training individuals who want to become an electrician. Developing a 4 month apprenticeship program that works has been rewarding.

As an electrician, I've always worked efficiently and safely. As a foreman, I consider a safe worksite as a main priority, to stay on schedule and keep a high quality of product. In management, communication is foremost. I've always felt successful in my pursuit of work and education. I value my relationships with students, contractors and employees of AETech.

LICENSES:

- State of South Dakota Electrical Contractor IEC 2964
- State of South Dakota Electrical Journeyman JM 6189
- State of California Electrical Contractors C-10 #909649
- State of California General Journeyman Electrician #113951
- State of South Dakota Apprentice License obtained in 1991 (received at age 14)

EDUCATION: 1996 - 1998 Western Dakota Tech, Rapid City, SD

- Associate Degree in Industrial Electronics
 - AC/DC Electrical Theory
 - Motor Control Theory and Lab
 - Electrical Code Study
 - Programmable Controllers and Lab
 - Wiring Lab
 - Motor Fundamentals and Lab
 - Power Distribution
 - Blueprint Reading
 - Solid State Electronics
 - Electronics Math
- High School Diploma – Stevens High School, Rapid City, SD

