

INSTRUCTOR QUALIFICATIONS

Instructor's Name: Steve Arne Phone # (605) 342-9088

Instructor's Address: PO Box 2272, Rapid City, SD 57709

- SD Inspector License EI 172 – SD Electrical Contractor # EC 1131 – Rapid City Master Electrician License; SD Credentialed Technical Education; Authorized OSHA Construction Outreach Trainer.
- BS Technical Ed, MS Admin Studies, taught apprenticeship 12 years, taught at Western Dakota Technical Institute – Industrial Electrician Program for 19 years. Technical Editorial Director for Mike Holt Enterprises – NEC Code text books/training programs.
- Steve has worked in various positions in the electrical industry since 1974, including electrician, electrical contractor, and full-time instructor and department chair in technical post-secondary education. Steve is licensed in SD as an Electrical Contractor, Master Electrician, and Electrical Inspector.
- Steve now provides electrical continuing education Code Classes and Exam Prep Classes, and has recently added a full-time day-time entry level training program for Apprentice Electricians. He has served as State Board Member of the SD Electrical Commission as well as the SD Electrical Council.

STEVEN J. ARNE
PO Box 2272
Rapid City, South Dakota, USA 57709-2272
(605) 342-9088
Website: AETech.com
Email: Arne@AETech.com

Steve Arne has been involved in the electrical industry in South Dakota for 35 years, working as an electrician, electrical contractor, part time electrical inspector, and then full time as an electrical instructor at Western Dakota Technical Institute (WDT) for 19 years. During his tenure, Steve taught classes at every level in the Industrial Electronics Associate Degree program and served as Department Chair of the Electrical/Electronics Department. He has provided electrical code continuing education classes for many years as well, and continues to teach electrician exam prep classes and code classes since retiring from WDT. Steve's website at www.AETech.com provides more information on classes he provides. The focus of each class taught by Steve is to provide accurate technical information in an easy-to-understand language.

Safety in regard to the electrical construction field has been an integral part of Steve's career. For twelve years, Steve taught the IBEW Apprenticeship evening courses which included formal electrical safety training. Steve developed and taught safety courses including safety protocol for lab and job site classes over his nineteen year full time career teaching electricians at Western Dakota Tech. During this time, he also served as the Chair of the WDT Safety Committee and also served on the Rapid City School District's Safety Committee. As a licensed Electrical Contractor, Steve performed all the functions of Safety Coordinator for his small electrical contracting company for twenty-five years and his home inspection company for five years. In 2009, Steve became an authorized OSHA outreach trainer.

Since 2002, Steve has become more involved each year in assisting nationally recognized NEC Code Expert Mike Holt from Leesburg, Florida and is currently the Technical Editorial Director for Mike Holt Enterprises on a consulting basis while working from his office at Arne Electro Tech, in Rapid City, SD. This relationship allows Steve a unique opportunity to obtain insight and understanding of the National Electrical Code. Assisting Mike with electrical instructor train-the-trainer classes, participating in the filming of a library of training videos, and editing Mike's groundbreaking NEC training books helps Steve to continually hone his instructional skills.

Steve has a Bachelor's Degree in Education, Master's Degree in Administrative Studies, and licenses as an Electrical Contractor, Master Electrician, and Electrical Inspector and is a member of the International Association of Electrical Inspectors (IAEI). Steve is active in his community and currently serves as Chapter President of the Black Hills Chapter of the South Dakota Electrical Council. In 2011, Steve was appointed to serve as a member of the SD Electrical Commission.

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EDUCATIONAL ACHIEVEMENTS

- **Master of Science Degree in Administrative Studies:**
Human Resources Emphasis
University of South Dakota, EAFB Branch: May 1995
Cross- Disciplinary Business Administration & Public Administration
- **Bachelor of Science Degree in Education:**
Vocational-Technical Teacher Education
Dakota State University: 1992
- **Electrical Apprenticeship Training Program**
Dakota's Area Joint Electrician Apprenticeship Program: 1978
- **Industry Workshops**
Inspection Technology Institute: Residential Building Consultant class
Bob Pike's Creative Training Techniques Workshop
Web Page Development Online Courses
Allen Bradley Programmable Logic Controllers: PLC 2, PLC 5, MicroLogix
Rockwell Logix 500 Software - Auto Cad 3D - Welding - Auto Body
NFPA 70E Electrical Safety Low Voltage class by E-Hazard
NFPA Electrical Safety in the Workplace Seminar
OSHA 510 Construction Safety
OSHA 500 Construction Safety Outreach Trainer
EPA Lead Renovator Initial Training

WORK EXPERIENCES

- **Electrical Training Seminars: Self Employed**
August 1984- present
Arne Electro-Tech Seminars <http://AETech.com>
320 E Blvd N, Suite 100
Rapid City, SD 57701

Provide continuing education classes to the electrical industry, both apprentice training and journeyman continuing education, specializing in exam preparation seminars. Develop curriculum, secure state board continuing education credit approvals. Design and execute advertising campaigns, coordinate meeting room accommodations for seminars, register participants, deliver training courses.

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- **Technical Editorial Director, Mike Holt Enterprises**

April 2004 - present, part time

Mike Holt Enterprises, Inc. <http://MikeHolt.com>

3604 Parkway Boulevard, Suite #3

Leesburg, Florida 34748

Technical editorial work and assist National Electrical Code textbook author Mike Holt in development and revision of training books and videos and answering technical questions from customers

- **Home Inspector: Self Employed**

January 2003 – 2008, part time

BrickKicker Home Inspection

PO Box 2272

Rapid City, SD 57709-2272

Licensed home inspector providing inspections for real estate transactions.

- **Electrical Department Chair/ Instructor: Post-Secondary Technical Education**

August 1984- May 2003

Western Dakota Technical Institute

800 Mickelson Drive, Rapid City, SD 57703

Department Chair for electronics department for the last 5 years and oversee Industrial Electronics, Electronics Technology, and Computer Networking Specialist programs with nine full time instructors and 2 full time lab assistants. Manage departmental budgeting and planning. Develop and coordinate schedules for Electronics Department. Research and write grant proposals.

Program Coordinator and Instructor for Electrician/ Industrial Electronics Department for 17 years. Develop curriculum, work with advisory committee and industry. Design and construct training labs and equipment. Coordinate program curriculum development and delivery and instructional material selection for Industrial Electronics Department. Instruct classes including electrical code, electrical theory, motor control and programmable controllers including personal computer to programmable controller interfacing. Have served on various committees, including curriculum, safety, faculty credentialing committee, and NCA accreditation study steering committee. Arbitrate disputes between faculty and staff members as well as between students as Designated Contact Person for Discrimination/ Harassment issues. Appointed as mentor teacher.

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- **Business Instructor, Curriculum Development: University Business Department**
Fall 1999- Spring 2000 Adjunct Faculty
National American University
321 Kansas City Street
Rapid City, SD 57701

Provide Instruction of University Business Courses: Management Principles, Labor Relations, Management and Marketing Concepts

- **Curriculum Development Specialist: Organizational Leadership Program**
Summer 1999
National American University
321 Kansas City Street
Rapid City, SD 57701

Developed packaged curriculum for Bachelors Degree Program in Organizational Leadership. Developed syllabi, learning objectives, course outlines, daily lesson plans, lecture notes, and exams for seven courses:

1. Small Business Entrepreneurship
2. Critical Thinking
3. Management and Marketing Concepts
4. Principles of Organizational Leadership
5. Organizational Culture and Leadership
6. Managerial Decision Making
7. Global Marketing Strategies

- **Electrical Inspector: Seasonal**
June 1996-August 1996
SD Electrical Commission
118 W. Capitol
Pierre, SD 57501
Performed electrical inspections on a seasonal basis for the State of South Dakota on residential and commercial electrical installations.
- **Apprenticeship Instructor Electrical Industry Evening Classes**
1984- 1996 taught evening classes in related instruction for the IBEW Electrical Construction Joint Apprenticeship Program

- **Adjunct Faculty Business Classes**
Fall 1995
Oglala Lakota Community College
Rapid City, SD

Served as adjunct faculty teaching Business and Society course.

- **Electrical Contractor: Self Employed**
1981 Full Time; Currently Part Time
Arne Electro-Tech Electrical Contracting
PO Box 2272
Rapid City, SD 57709-2272

Design and install commercial and residential electrical wiring systems. Manage business aspects of a small contracting business including project management, quotations, purchasing, scheduling, billing, collections, and accounting. Hire and supervise employees on electrical construction projects. In 1995 and again in 2002 I supervised the volunteer crews who wired the electrical connections for the temporary campground of the Wally Byam Caravan Club, which drew over 1500 camping trailers to Rapid City in 1995 and approximately 1000 in 2002.

- **Electrical Purchasing Agent & Indoor Sales: Electrical Wholesale Distributor**
February 1982- August 1984
Plainsco (Dakota Supply Group)
108 E. Main
Rapid City, SD 57701

Made electrical inventory purchases based on computerized inventory records and Evaluation of customer needs. Customer relations and inside sales support. Electrical project design and project quotations.

- **Journeyman Electrician**
Journeyman 1978-1981, Apprentice 1974-1978
Worked as a construction electrician on various projects requiring knowledge of construction and design of commercial building projects. Increasing levels of project responsibility included foreman position supervising an electrical construction crew.

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- **Member of SD Electrical Commission**
- **SD Electrical Inspector License**
- **SD and Rapid City Electrical Contractor Licenses/ Rapid City Master's License**
- **SD Technical Teaching Credential for Post Secondary Education**
- **International Association of Electrical Inspectors (IAEI) member**
- **South Dakota Electrical Council Member**
- **Board Member/President of Black Hills Chapter SD Electrical Council**

- **Western Dakota Technical Institute (WDTI) / Rapid City Area Schools (RCAS) Committees**
 - Previous WDTI Electronics Department Chair
 - Previous WDTI Industrial Electronics Program coordinator
 - Previous member of WDTI steering committee for NCA Accreditation
 - Previous chair of WDTI NCA subcommittee on Faculty Human Resources
 - Previous member of WDTI Teacher's Credential Committee
 - Previous WDTI Sexual harassment & discrimination designated contact person
 - Previous member of WDTI Mentor corps for new instructors
 - Served on the screening & interview committees during the selection of the WDTI Director, in 2000
 - Previous member of WDTI Curriculum Committee
 - Previous member and Chairman of WDTI Safety Committee
 - Previous member of RCAS District Safety Committee
 - Previous President of WDTI Teacher's Association
 - Previous Secretary of WDTI Teacher's Association
 - Previous Member of WDTI Teacher's Negotiation Committee

- **State committees related to Technical Education**
 - State Committee meeting to develop guidelines for the Mentoring program of the SD Technical Institutes
 - State committee meetings to develop guidelines for the issuing of Credentials to SD Technical Teachers
 - 1999 State Committee meeting on the Perkins Act

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- **Selected Presentations before 2010**

- April 2009 South Dakota Electrical Council state convention Master of Ceremonies for opening session and Conference Committee Chairman
- January 2009 classes for individual Chapters of SD Electrical Council
- April 2008 South Dakota Electrical Council state convention presented Continuing Education Electrical Code Class
- 2007-2009 coordinated video team selection/travel/accommodations for all 2008 Mike Holt video productions
- February 2010 Panel member in filming Mike Holt's Electrical Estimating video training class
- March 2009 Panel member in filming Mike Holt's Understanding Motor Control video training class
- 2008 Panel member in filming of Mike Holt's 2008 Electrical Exam Preparation video training classes
- 2007 Panel member in filming of Mike Holt's 2008 Understanding the National Electrical Code video training class
- 2007 Panel member in filming of Mike Holt's 2008 NEC Grounding and Bonding video training class
- 2007 Panel member in filming of Mike Holt's 2008 National Electrical Code Changes video training class
- April 2007 South Dakota Electrical Council state convention presenter
- 2005 Panel member in filming of Mike Holt's 2005 Electrical Exam Preparation video training class
- 2005 Panel member in filming of Mike Holt's 2005 Understanding the National Electrical Code video training class
- 2004 Panel member in filming of Mike Holt's 2005 NEC Grounding and Bonding video training class
- 2004 Panel member in filming of Mike Holt's 2005 National Electrical Code Changes video training class
- 2004 Presentation to the American Society of Home Inspectors national conference
- 2004 Presentation to the BrickKicker Home Inspections Franchise National conference
- 2003 Panel member in filming of Mike Holt's Understanding the National Electrical Code, Volume 2 video training class
- 2002 Panel member in filming of Mike Holt's Electrical Code Calculations video training class
- 2001 SD Tech Prep Conference presenter of Teachers Online Web Development class
- 2001 TIE conference presentation of Teachers Online Web Development class
- 2000 SD Tech Prep Conference presenter of Teachers Online Web Development class
- 2000 Fall WDTI In-service presentation of Teachers Online Web Development class

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2000 Spring National American University In-service presentation of Teachers
Online Web Development class
2002 Electro-Technology Expo presentation for Electricians Continuing
Education
2001 Electro-Technology Expo presentation for Electricians Continuing
Education
Nov. 2001 Sioux Chapter of SDEC presented Continuing Education Electrical
Code Class
April 2002 South Dakota Electrical Council state convention presented
Continuing Education Electrical Code Class
March 2002 Black Hills Chapter of SDEC presented Continuing Education
Electrical Code Class
March 2001 Black Hills Chapter of SDEC presented Continuing Education
Electrical Code Class
February 2000 Black Hills Chapter of SDEC presented Continuing Education
Electrical Code Class

- **Public training seminars for electrician continuing education**
 - Electrician's Exam Preparation course presented almost monthly through Arne
Electro-Tech seminars
 - Electrician CEU classes on the National Electrical Code presented through Arne
Electro-Tech seminars

- **Interests**
 - I enjoy developing web sites and learning about computer applications including
Distance Learning and On-Line Learning
 - I greatly enjoy reading and writing

- **References will be provided upon request**