Instructor

LW Brittian

Fields of Expertise

* Instructional material development and delivery
* Engineering and design

Certificates/Licenses

* Journeyman Electrician License (TX)
* Refrigeration Service Engineers Society EPA 608 Refrigerant Exam Proctor
* Class A HVAC&R contractor (TX)
* Class A Refrigeration and Piping contractor

Education/Training

**Continuing Education Classes:**
National Electrical Code; Standard for Electrical Safety in the Workplace NFPA-70E; Uniform Mechanical Code; Electrical Power Distribution Systems O&M; Management for Technical People; Managing Multiple Projects; Applied and Large Pkg AC Equipment; Cooling Tower Design and Maintenance.

**Bachelor of Arts, Business Administration and Accounting and Economics**
University of St. Thomas

**Air Conditioning: 1800 hours**
Houston Technical Institute

Technical Experience

**HVAC & R Services Department Manager (Baylor University)** **1993—1995**
Responsible for the operation and maintenance of the HVAC & R and Electrical Power and steam generation equipment for the university facilities. Developed specifications for maintenance/repair contracts, energy management systems for the university’s central energy plant, and central plant operations-management information system for reporting plant operations.

**Electrical Foreman (Amos Electric Supply Company) 1992—1993**
Responsible for electrical systems installation for frozen food distribution facility expansion phases 1 and 2.

**President (Britt-Co. Mechanical-Electrical) 1981—1991**
Responsible for the complete operation of the business serving the Petro-Chemical industry. Developed client base, implemented sales plan, negotiated maintenance contracts, and supervised field crews.

**Vice President/Sales Engineer (Gordon Refrigeration Company, Inc) 1977—1981**
Directed installation and service personnel, developed sales marketing plan, negotiated maintenance and construction contracts, developed installation and maintenance contracts for banks, schools, and chemical plants.

**Assistant Vice President (JR Hobbs Mechanical Company, Inc) 1974—1977**
Assisted in bid preparation and sales. Performed design, labor, and materials take off. Performed load calculations, equipment sizing, and selection. Developed air, water, steam, and controls systems drawings.

**Service Marketing Manager (The Trane Company) 1973—1974**Designed advertising programs, established service and sales policies, selected service personnel, leased trucks, and supervised personnel.

Instructional Experience

**American Trainco 2006—present**Instructor for air conditioning, pumps and pump systems, generators and emergency power, HVAC controls and air distribution, and pump repair and maintenance classes.

**Industrial Trainer 1995—present**
Developed and delivered instructional material for many organizations including Chevron Texaco, Dallas Water Utilities, ExxonMobil, Texas State Technical College, Texas Department of Transportation, US Silica, and Texas A&M University TEEX-Electric Power division (developed state of Texas Master Electrician Examination course). Subjects covered include air conditioning, air and water balancing, EPA refrigerant certification, National Electrical Code, NFPA 70, 70E, 70B, 101, OSHA, lockout/tagout, process instrumentation and controls, electrical motor controls, and programmable logic controllers.

**TEEX OSHA**
Construction Industry Safety Program Instructor for OSHA 500-501

**Houston Independent School District**
Instructor for adult education, Air Conditioning.

**Wharton Community College**
Instructor for continuing education courses.