**Robert Carrow**

Training Specialist

Education/Training

**Bachelor of Science, Mechanical Engineering Technology** **1982 - 1984**  
Point Park College, PA

**Associates Degree Equivalent, Architectural Drafting Technology** **1976 - 1978**  
Greensburg Institute of Technology, PA

Instructional Experience

**American Trainco 2005 - present**Instructor for variable frequency drives, basic electricity, and electric motors and control circuits seminars.

**President (Newtonix, Inc)** **1997 - present**  
Manufacturer’s rep for product lines including drives and inverters, controls and system integration, capacitors, batteries, wire and cable. Conducted in-house electrical industrial training for a number of large companies.

Technical Experience

**Regional Drive Specialist (Magnetek Corporation) 1992 - 1997**  
Maintained and developed industrial and commercial accounts in many states. Offered LAN-Based AC Inverters, DC converters, drives, motors, and controls products. Responsible for system engineering of control packages and proposal generation.

**Supervisor-Industrial and Municipal AC drives (Robicon Corporation) 1988 - 1992**  
Supervised applications engineers and acted as engineer to sell AC drive inverter products, controls, and peripheral switchgear to industrial accounts.

**Sales Applications Engineer (AEG/Gould Electronics/Cybernetic Controls) 1986 - 1988**  
Provided technical assistance in the sales of flexible automation and motion control systems. These systems consisted of the Modicon PLC equipment, motion controllers, PWM drives, and brushless servo motors.

**Application Engineer (View Engineering) 1984 - 1986**  
Programmed and operated the on-line and off-line machine vision equipment used for quality control and automated process control.

**Mechanical Designer (Gulf Research and Development Company) 1979 - 1984**Helped maintain sixty buildings at the research center. This involved designing and at times project managing capital and retrofit projects. Work disciplines included electrical, HVAC, machine shop, carpentry, masonry, and laboratory renovation.