

# David A. Edward, P.E., MBA

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## Education

AAS, Building Construction Management, Ivy Tech Community College

BS Petroleum Engineering, West Virginia University

MBA , University of Louisville

Ph D (ABD), Urban & Public Affairs – Environmental Infrastructure,  
University of Louisville

## Experience

2004-Present                      Ivy Tech Community College                      Sellersburg,IN

### **Professor Emeritus - Former Department Chair, Engineering Technology/Design Technology**

Engineering Technology/Design Technology Department Chair at Ivy Tech. Responsible for Department accreditation, course scheduling and staffing, adjunct faculty recruiting and retention, course instruction, and student advising. Courses taught included Architectural Design, Residential Design, Structural Design & Detailing, Technical Graphics, Mechanical Graphics, Statics, Strength of Materials, Descriptive Geometry, Geometric Dimensioning and Tolerancing, Design Process & Application, Materials and Processes. As an Adjunct Instructor at Northwood University and University of Phoenix since 2003, provided instruction in both MBA and Bachelors level programs. Courses included Management, Micro & Macro Economics, Managerial Economics, Managerial Finance, Quantitative Analysis & Research, Project Management, Organizational Behavior, Operations Management, International Management, Environmental Science, Climate Change, Accounting, Statistics, Algebra, ,and Mathematics.

1999–Present                      David A. Edward, PE                      Prospect, KY

### **Sole Proprietor**

Provide professional engineering consulting services (environmental, structural, and energy) to a variety of commercial and industrial clients. **Environmental** services include Environmental Site Audits, Risk Management Plans, Natural Channel Stream Restoration, OSHA 40 Hour Training & 8 Hour Refresher Courses, Stormwater Management Plans, SPCC Plans, Groundwater Protection Plans, RCRA investigations & closures, Phase I ESAs, Phase II Site Investigations, Phase III Remediation, Clandestine Drug Lab Cleanup, UST Investigation and Remediation. **Energy** services include HVAC System Evaluation, Building Envelope Analysis, Interior Lighting System Evaluation, Section 179D Engineering Studies. **Property** services include Property Condition Reports and Assessments as well as Association Reserve Studies.

1998-1999                      Advanced Technologies Intl                      Lexington, KY

**Senior Project Manager**

Served as Senior Project Manager/Senior Environmental Engineer. Provided supervision and guidance to a technical staff of over 15 geologists, biologists, engineers, and technicians.

1997–1998                      Evergreen Environmental                      Crestwood, KY

**Senior Project Manager**

As Senior Project Manager for a small environmental company, marketed services to local school boards, private industries, and state/federal government agencies. Conducted Asbestos/Lead Assessments & Abatement, UST Site Investigations, HVAC Assessments. Prepared SPCC Plans, Phase I ESAs. Managed nuclear waste disposal from a Federal Prison facility. Provided emergency response as well as remedial & disposal management for various hazardous waste & special waste spills.

1992-1997                      CTI Environmental                      Lexington, KY

**Project Manager**

As an Environmental Engineer/Project Manager for a mid-sized engineering firm, worked on various environmental projects for major oil and transportation companies. Areas included Phase I ESAs, UST Site Investigations, MGP Investigations, Water Utility Rate Assessments, Section 404 Permitting.

1990-1992                      EST, Inc.                      Louisville, KY

**Staff Remediation Engineer/Operations Manager**

Designed/ Installed groundwater and soil remediation systems in KY, IN, IL, WV, MN. Responsible for the daily operations of the Remediation Dept.

1987 – 1990                      U.S. Army                      Ft. Knox, KY

**Lieutenant/Captain**

While serving as an Armor Officer, held various supervisory leadership roles including Platoon Leader, NBC Officer, Personnel Officer, and Company Training Officer. As Motor Pool Officer, responsible for hazardous materials and hazardous waste management issues.

**Associations**

Kentucky Society of Professional Engineers  
Society of American Military Engineers  
International Code Council  
Association of Energy Engineers  
U.S. Green Building Council – Kentucky Chapter  
American Institute of Steel Construction (AISC)

Precast/Prestressed Concrete Institute (PCI)  
ASHRAE

**Certifications**

Professional Engineer – Alabama, Arizona, California, Colorado, Connecticut, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Montana, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Virginia, West Virginia, Wyoming

Rosgen Natural Channel Design (Level I – IV)

Certified Well Driller (Environmental & Water) – Kentucky 0381-0468-00

Industrial Wastewater Operator Class C – Indiana WW020633

**Software**

Autodesk: Autocad, REVIT, Inventor  
Green Building Studio  
DOE EnergyPlus Energy Simulation Software  
eQUEST