

**Utility System Controls and Electrical Engineer or Engineer Specialist - EXTENDED**  
Facilities & Services  
University of Illinois Urbana-Champaign

Dedicated professionals are needed to meet the engineering demands of Facilities and Services (F&S) at the University of Illinois at Urbana-Champaign. F&S employs 1,400 people and provides planning, capital programming, utility production and distribution, design, construction, construction management, environmental compliance, operation and maintenance, and other services for nearly 18,000,000 square feet of buildings and 1,000 acres on the UIUC campus.

**Duties and Responsibilities:** An Engineer (registered PE) or Engineer Specialist at F&S provides engineering expertise for the planning, operation, and maintenance of campus utility production and distribution systems. This includes performing evaluation for programmatic maintenance of campus utility systems and their components, critically reviews new construction and major remodeling plans developed by architects and engineers, manages utility projects, designs complex electrical and mechanical utility systems including control systems, devises operating schemes for utility distribution systems and utility production plants, performs computer modeling and economic analysis, analyzes engineering data and consults with F&S staff and campus customers about utility projects and issues. Also includes working to maintain regulatory compliance with the Illinois Environmental Protection Agency and the Illinois Commerce Commission. This is a full-time, academic professional appointment.

**Minimum Qualifications:** To qualify for this position, applicants must possess a Bachelor's of Science Degree in mechanical or electrical engineering or a related field. Professional Engineer registration is preferred, must have at least 2 years work experience in a utility or industrial plant, and at least 2 years related work experience with industrial Digital Control Systems. Additional consideration will be given to candidates who have experience with institutional facilities, possess one or more advanced degrees.

**Preferred Qualifications:**

The preferred qualifications include Professional Engineer license in the State of Illinois, or E.I.T. status with progression towards a P.E. license, or license from another state with ability to obtain Illinois license within six months. Extensive experience in institution or commercial utility distribution systems that include electric, steam, chilled water, water sanitary sewer, and storm water systems. Experience with large scale utility systems that include, Data Centers, central plants, district heating and cooling systems is essential, as well as the ability to collaborate with all skilled trades involved in project execution and trouble shooting. Experience with Emerson DeltaV.

**Salary:** Salary is commensurate with experience.

**Application Procedures:** In order to receive full consideration, applications must be received no later than February 13, 2012. Please create your candidate profile at <http://go.illinois.edu/fsutilityeng> and upload your cover letter, resume, a copy of your college transcripts, and the names/contact information for three professional references by February 13, 2012. For further information regarding application procedures, contact Nicole McCurry at [nmccurry@illinois.edu](mailto:nmccurry@illinois.edu) or 217-265-6361. Start date will be as soon as possible after close date.

The University of Illinois is an Equal Opportunity/Affirmative Action Employer. The administration, faculty, and staff embrace diversity and are committed to attracting qualified candidates who also embrace and value diversity and inclusivity.