



Learn.

Real World Style

- Engineering Experience with a Leader in the Utility Industry
- Hands-on Engineering Training from Licensed P.E.'s
- Experience using State-of-the-Art computer Systems and Software
- Surveying Experience using GPS & Total Station Equipment
- Experience with Layout & Design of Utility Systems
- Excellent Job Reference Following Graduation
- Counts as One Year Engineering Experience Toward P.E. Exam
- Competitive Salary While Training

Work.

100% of the students who completed the program were able to find jobs within one year of graduating...

Where will you be after graduation?

Qualify.

Any student considering a Jackson Energy Authority Co-Op engineering position should:

- Be currently enrolled in an accredited engineering program
- Have a minimum GPA of 2.5
- Be Sophomore level status or higher
- Be majoring in civil, mechanical, or electrical engineering
- Commit to 1-year co-op



Jackson Energy Authority
One thing you can count on.

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Email: JEAHRWebsite@jaxenergy.com
www.jaxenergy.com

JEA is an equal opportunity employer

Experience from a Leader

Work Training Opportunities for Engineering Students



Accomplish.

JEA involves civil, electrical and mechanical engineering co-ops in all aspects of layout, design and implementation of utility systems. Co-ops complete assignments such as:

- Engineering Layout and Design
- Field Surveying
- Engineering Calculations
- Commercial and Residential Projects
- Detailed Cost Estimates
- Contract Assemblies
- Updating Geographical Information System
- Construction Blueprint Interpretation
- Data Acquisition

JEA provides the engineering experience necessary for students to be capable of performing engineering duties after graduation.



"One of the most rewarding things about my co-op experience at JEA was the involvement in real-life projects. Completing the AUTOCAD drawings and then seeing my projects come to fruition was very rewarding. It's cool to be able to say that there are subdivisions in Jackson, TN in which I had a hand in the process of the electrical design/development. I would definitely recommend JEA to anyone considering co-op opportunities!"

--Josh Williams, University of Tennessee at Martin

A strong, highly skilled workforce is important in maintaining quality service to our customers and our community. To help build that workforce, Jackson Energy Authority believes education with practical, high-tech training experience produces promising engineering students for the future. We incorporate leading-edge technology, which has made us a leader in the utility industry.

Co-op students use state-of-the-art PC's, running programs such as AutoCAD, Excel and Word as well as network modeling programs for electric, gas, water and wastewater systems. JEA also utilizes an ESRI Geographical Information System (GIS) and a third generation Supervisory Control and Data Acquisition (SCADA) system. The SCADA system monitors and controls two water

treatment plants (one 14.4-million-gallon-per-day and one 10-million-gallon-per-day), two wastewater treatment plants (one 20-million-gallon-per-day and one 10-million-gallon-per-day) and 28 electric substations from a single dispatch location. The Master Stations utilize the HSO Technologies Miser system. Data from the SCADA system aids in the planning and design of facilities. Co-op students also use GPS (Global Positioning Systems) and surveying total station equipment for field surveys and inventories. In addition to program and systems training, co-op students get the opportunity to work in the field with various crews to learn more about system construction, operation and maintenance.

