



Upper Occoquan Service Authority

Human Resources Department

14631 Compton Road • Centreville, VA 20121

Tel. | (703) 277-2200 • Fax | (703) 266-0682 • Email | good.jobs@uosa.org

READY TO ADVANCE THE FUTURE OF WATER!

Systems Engineer III	Grade 13	\$97,373 - \$155,797*
Systems Engineer II	Grade 14	\$104,189 - \$166,703*
Systems Engineer I	Grade 15	\$111,482 - \$178,372*

Open: June 24, 2026 ✦ Closed: Open Until Filled

** Starting salary will be between minimum and midpoint in the range.*

ABOUT US

Are you passionate about making a difference and being a trusted steward of our most precious resource? UOSA is seeking a highly motivated and enthusiastic individual to join our team!

The **Upper Occoquan Service Authority (UOSA)** is a cutting-edge water recycling facility transforming the way the world thinks about sustainable water solutions. Established in 1978, UOSA serves Fairfax County, Prince William County, and the cities of Manassas and Manassas Park and is the first and longest-operated indirect potable reuse project in the United States. UOSA has been treating and reclaiming water for use as drinking water for nearly 50 years.

From being recognized as a **Utility of the Future** to pioneering advanced research and technology in the industry, our facility now recycles up to 54 million gallons of water per day. UOSA's efforts ensure a reliable supply of high-quality recycled water, contributing to the overall drinking water strategy for the Northern Virginia area.

If you are ready to be challenged and join a hardworking team, then take the next step in your career and apply today to be part of our dedicated team!

WHAT YOU'LL BE DOING

The **Systems Engineer III** plans, organizes and implements specifically assigned projects; consults with more senior ITS staff to implement new systems or enhancements to current systems. Details logical statements of users' computing problems and recommends procedures for implementing solutions. Performs programming tasks, performs hardware and software installation, prepares documentation and performs user training as required.

The **Systems Engineer II** plans, organizes and implements specifically assigned projects; consults with more senior ITS staff to implement new systems or enhancements to current systems. Details logical statements of users' computing problems and recommends procedures for implementing solutions. Performs programming tasks, performs hardware and software installation, prepares documentation and performs user training as required. Works with minimal supervision.

The **Systems Engineer I** is knowledge and skill in a variety of UOSA operations, modifications, and enhancement programs. The Systems Engineer I plans, organizes, and implements specifically assigned projects; implements new systems or enhancements to current systems. Project management, task definition, and program implementation skills are a priority as this class may serve as the day-to-day Lead Systems Engineer/UOSA Representative for IT and OT projects. Assignments are broad in scope and require the use of seasoned judgment in making professional decisions that have significant cost and production impacts.



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REQUIREMENTS

- **Systems Engineer III**
 - Graduation from an accredited four-year college or university; skill in computer programming plus five years or more of experience with computer programming/administration. Any equivalent combination of education, experience, and training will be considered.
 - Skill in researching information system problems and in troubleshooting same.
 - TCP/IP networking and system administration experience in a MS-Windows environment is required.
 - Experience with network cabling and switches is required.
 - Familiarity with MS Office is required.
 - Knowledge of SQL and database software would be beneficial.
- **Systems Engineer II**
 - Graduation from an accredited four-year college or university; skill in computer programming plus five years or more of experience with computer programming/administration. Any equivalent combination of education, experience, and training will be considered.
 - TCP/IP networking and system administration experience in a MS-Windows environment is required.
 - Experience with network cabling and switches is required.
 - Familiarity with MS Office is required.
 - Knowledge of SQL and database software would be beneficial.
 - Knowledge of cybersecurity elements, protocols, and tools is highly desired.
- **Systems Engineer I**
 - Graduation from an accredited four-year college or university; skill in computer programming plus five years or more of experience with computer programming/administration. Any equivalent combination of education, experience, and training will be considered.
 - TCP/IP networking and system administration experience in a MS-Windows environment is required.
 - Experience with network cabling and switches is required.
 - Familiarity with MS Office is required.
 - Knowledge of SQL and database software would be beneficial.
 - Knowledge of cybersecurity elements, protocols, and tools is required.
 - Computer programming skills are required.
 - Certifications in networking or cybersecurity is required.
 - Knowledge of OT systems (e.g., DCS, PLC, SCADA) is highly desirable.
- Possession of a vehicle operator's license valid in the Commonwealth of Virginia is required.
- Must be able to handle the physical requirements of the position to include extensive walking, bending, stooping, climbing stairs and ladders, and lifting/carrying up to 30 pounds.

APPLICATION PROCESS

The vacancy notice does not imply that these are the only duties, including essential duties, to be performed in the position. Please request a full job description from the HR Department via email at good.jobs@uosa.org.

All employment offers are contingent upon the successful completion of pre-employment drug and alcohol screening, physical exam, and background check paid for by UOSA.

*To be fully considered for the position, all applicants must submit a complete online application along with an updated resume via the UOSA website: Uosa.org/Careers > **Candidate Profile**.*

*Once logged into your profile, click on **Find Jobs** in the upper left-hand corner of the screen, followed by **Search for Jobs**. Review the vacancy and apply for the position.*