

SWAGELOK[®] ESSENTIAL TRAINING

FLUID SYSTEM FUNDAMENTALS

PROVIDED BY SWAGELOK COLUMBUS|CHARLESTON



YOUR RESOURCE FOR EXPERT KNOWLEDGE AND TRAINING



ESSENTIAL TRAINING IN FLUID SYSTEM FUNDAMENTALS

Swagelok's training and education programs provide our customers with a range of valuable and practical tools for meeting day-to-day challenges and keeping up with the latest fluid system technologies. From an array of in-depth courses taught by expert instructors to training videos and online classes, Swagelok training equips your team to work safer and smarter.

Swagelok Essentials training courses provide critical skills for developing, building, and maintaining dependable fluid systems. Taught by Swagelok-certified trainers at locations and times convenient to you, these courses provide a strong foundation of knowledge and the techniques behind fluid component systems.

TUBE FITTING INSTALLATION ESSENTIALS

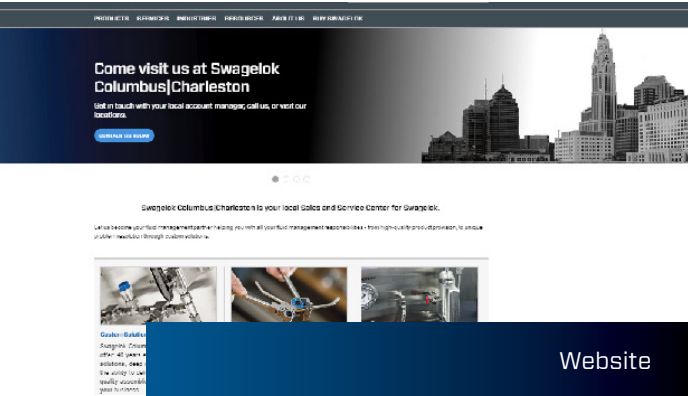
Students will learn foundational tube fitting knowledge that ensures system integrity and minimizes leakage risks. The course covers proper tube selection, cutting, and deburring; assembly of a Swagelok® tube fitting; and gauging a tube fitting assembly. Visit our [fittings products page](#).

VALVE ESSENTIALS

Safety is a key consideration when selecting, maintaining, or replacing valves. Learn to choose the right valves for your applications by identifying proper valve types and functions, understanding key features and construction, and identifying common issues. Visit our [valves product page](#).

HOSE ESSENTIALS

Understanding the fundamentals helps to extend hose production cycles, ensure safety, and lower total cost of ownership. Instructors introduce common terminology, explain variables impacting hose selection, and show how to select hose for different applications. Coursework includes common practices for conducting hose inspections and best practices for preventive maintenance. Visit our [hoses product page](#).



TUBE FITTING INSTALLATION INSPECTION ESSENTIALS

Proper inspection is instrumental in mitigating and minimizing risk of leakage. This course will teach students to identify correct tube system placement, correctly install Swagelok® tube fittings, and troubleshoot other common fluid system mistakes. Visit our [fittings products page](#).

REGULATOR ESSENTIALS

The Regulator Essentials is a (4) hour course that teaches how the correct regulator for your application can increase safety and efficiency in your system. Course participants will learn how to identify and resolve common regulators issues along with best practices for selection and installation. Each attendee will receive hands-on experience dismantling and re-assembling a pressure reducing regulator and the course will also dive into regulator flow data and performance criteria such as choke flow, lock-up, hysteresis, and more. Visit our [regulators product page](#).

TUBE BENDING ESSENTIALS

Bending tube helps to eliminate mechanical connections, which can be a source for leaks in traditional piping systems. In this course, Swagelok instructors cover the basics of tube bending. Visit our [tubing products page](#).



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