

**DATES:**

Monday-Thursday  
January 22-25, 2018

**LOCATION:**

HAMMER Training Facility  
2890 Horn Rapids Road  
Richland, Washington

**TIME:**

7:00 a.m. to 5:00 p.m. daily

**Cost:**

\$1200 ASQ members

\$1400 non-members

NOTE: If not already an ASQ member, you can save a little on the course by also joining ASQ.

Registrations must be received by January 5, 2018.

Register on the ASQ website (<https://asq.org/training/software-quality-engineering-sqe>) or call ASQ Customer Service at 800-248-1946.

CEUs available: 3.6

*About the Instructor: Linda Westfall leads The Westfall Team, which specializes in software engineering, software quality, software project management, and software metrics. She has worked as a software engineer, software process engineer, manager of production software, and manager of quality metrics and analysis. She is a past chair of the ASQ Software Division and has served as the Software Division's program chair and certification chair and as a member of ASQ's Certification Board.*

For more information about Columbia Basin ASQ Section 614 and other upcoming events: [www.asq614.org/](http://www.asq614.org/)

## ASQ Software Quality Engineer Training Course

January 22-25, 2018

Linda Westfall, PE, CSQE, CQA, CMQ/OE

This course is designed to help improve your job performance and the quality of your company's software products. It is a broad course that addresses all of the body of knowledge area of the Certified Software Quality Engineer (CSQE). It provides a thorough introduction for those new to software quality as well as an opportunity to fill in any "blank spots" for experienced personnel. Although not designed as a certification refresher, this course may help seasoned software quality professionals brush up on the key elements of CSQE.

**Who Should Attend?** Software quality specialists, software quality engineers, software process engineers, and quality engineers wishing to obtain a basic understanding of software quality practices and principles. Knowledge of and/or work experience within the software quality assurance field is helpful but not required.

Key objectives of the course are to:

- Understand the basics of software quality engineering, including its benefits, related models and standards and quality team tool
- Plan, implement and audit a Software Quality Management system for your organization
- Assist in defining & tailoring software engineering life cycles and process models
- Understand the basic software project management principles and techniques as they relate to software project planning, monitoring, control and risk management
- Select, define and apply software metrics and analytical techniques to your software products, processes and services
- Participate in peer reviews and assist in planning, implementing and evaluating software test activities
- Understand the fundamentals of the configuration management process including configuration identification, configuration control, status accounting and audits

Course materials are designed to provide reference materials that can be utilized by the attendees long after the completion of the course. These materials include:

- Student notes including copies of all presentation slides and annotated descriptive text
- Reference materials and web sites to aid in directing further study
- Example solutions for all interactive and team exercises
- A detailed index and glossary to make referencing the course material easier

The complete course outline is available on the ASQ website at (<https://asq.org/training/software-quality-engineering-sqe>).