

- Develop skills to help become the quality champion for your team
- Explore approaches to proactive planning
- Understand how to influence and drive change in your testing role
- Discuss strategies to help your team identify and mitigate risk
- Learn new tools to enhance your testing

The role of testing is changing as more organizations move to agile and DevOps, team members need to be equipped to keep up with the changes. Gone are the days of bug hunting for hours on end, those in testing roles are being asked to shift left and identify potential pitfalls and defects before system testing. Those committed to championing and influencing a quality mindset are critical to successful agile projects and teams.

In this two-day course, anyone committed to quality on an agile software development team will be equipped with the skills and tools required to become their team's quality coach. Participants will learn skills and techniques critical to quality and quality practices with a special emphasis on testing early in the pipeline and strategic test decision making.

Upon completion of this course, participants will have learned:

- Risk evaluation and mitigation strategies
- Practical techniques and hands-on experience influencing quality
- New tools and test techniques
- Understand the key quality metrics used in agile
- Skills to help drive change in agile teams

Hands-on Exercises

Participants will get hands-on in immersive, collaborative exercises designed to reinforce learnings.

Who Should Attend?

Experienced testers, developers, product owners, and business analysts with an interest in championing quality within their agile teams.

Course Structure

This course includes a mix of lecture and hands-on exercises.

Course Outline

What is a quality coach

Role of testing in Agile
Whole team quality

Risk Strategies

Using a risk matrix and risk scoring
Communicating risk

Agile Quality Strategies

Introduction to TDD, ATDD, BDD
Establishing team norms for quality
Quality management systems

Leveraging Metrics in Agile

Understanding metrics
Unexpected metrics

Using risk as a metric
Running a risk session

Techniques for Influencing Quality

Advocating for quality practices
Partnering with business partners
Static analysis in the requirements phase
Change management

Using metrics to communicate quality

New Test Techniques

Pairing
Mobbing
Choosing the right tests for the job