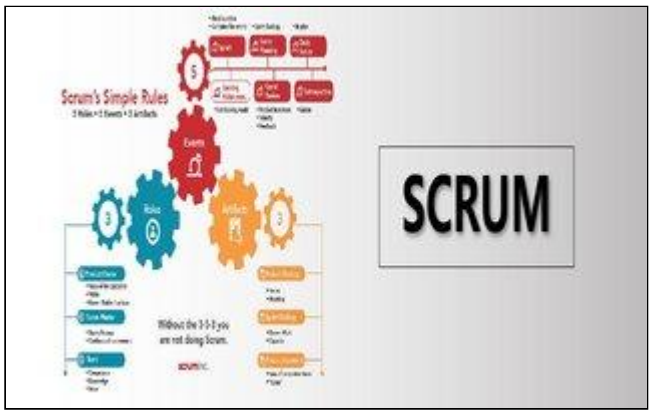
Hands-On

ScrumMaster Certification

Course Description

Our Certified Scrum Master Certification training course provides the specific skills, behaviors and the mindset necessary to become a successful Certified ScrumMaster and servant-leader. Through training, practice sessions and role-playing activities, you learn Scrum to create customer satisfaction with the continuous delivery of high-value Scrum advances in today's applications..



Students Will Learn

- **Become a Certified ScrumMaster**
- **Learn the skills to be a servant-leader to your development team, Product Owner, and organization**
- **Apply effective facilitation for Scrum meetings**
- **Review effective change agent techniques to foster organization buy-in to Scrum**
- **Identify opportunities to remove impediments for team members**
- **And much more**

Target Audience

This course has the highest value for practicing ScrumMasters, but can also be useful to Product Owners, members of Scrum Development teams, managers, Human Resource (HR) specialists and anyone else who needs to appreciate the role and competencies required of a ScrumMaster.

Course Outline

- Introducing Agile Principles
  - Defining Agile values and principles
  - Contrasting Waterfall and Agile product-development philosophies

    - Confronting the challenges of adopting Agile
    - Creating a cross-functional team
- Defining the Scrum Framework

Adopting Scrum

    - Defining the core Scrum Framework
    - Core Scrum team, artifacts and ceremonies
    - Adapting traditional business process to Scrum
    - Applying core Scrum Values
- Scrum Roles, Ceremonies and Artifacts

Introducing the Core Scrum Roles

    - Outlining the three roles: ScrumMaster, Product Owner and Development team
    - ScrumMaster: performing as a servant leader to the team
    - Product Owner: developing the product vision and backlog
    - Development team: delivering the product increment

Defining the Core Scrum Ceremonies

    - Refining the Product Backlog
    - Holding the Sprint Planning meeting
    - Hosting the Daily Scrum
    - Leading Sprint Reviews
    - Facilitating successful Sprint Retrospectives

Detailing the Core Scrum Artifacts

    - Creating the Product Backlog
    - Implementing the Sprint Backlog
    - Defining the Definition of Done
    - Developing potentially shippable product increment
- Refining the Product Backlog

Iterating the Product Backlog

    - Developing the Product Vision
    - Building the Product Backlog
    - Continuously refining the Product Backlog

Refining Product Delivery

    - Comparing iterative and incremental delivery
    - Decomposing Epics into features and stories
    - Releasing products with Minimal Marketable Features
- Estimating and Prioritizing Product Backlog Items

Creating user stories

    - Writing user stories with the Connextra format
    - Evolving product requirements
    - Applying frameworks to focus user stories
    - Developing products with progressive elaboration
    - Defining appropriate acceptance criteria
    - Removing user stories when appropriate

User story estimating

- Sizing user stories
- Estimating effort and business value level through relative measurement
- Comparing and contrasting affinity and planning poker estimation techniques
- Breaking user stories into tasks

Prioritizing the Product Backlog

- Ranking product backlog item priority at the release, product and project level
- Utilizing prioritization techniques and frameworks
- Identifying high-priority items for sprint planning

- ScrumMaster Responsibilities to the Team

Growing the Scrum team

- Enforcing the Scrum process
- Establishing team working agreements
- Removing Impediments
- Becoming an Agile coach for your team

Ensuring long-term success

- Continuously improving the team
- Reporting appropriate metrics
- Managing and reducing external dependencies
- Adopting best practices for software engineering
- Acting as an Agile champion in your organization

Delivery Method

Live Virtual Instructor-Led or On-Site at your location available.

Equipment Requirements

(This apply's to our hands-on courses only)

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

Course Length

2 Days