

# SAFe® 6.0 Certification Training

## Course Syllabus – NewMe Technology Solution

### Module 1: Introduction to Agile and the Scaled Agile Framework (SAFe)

#### Learning Objective

Understand Agile fundamentals and how the Scaled Agile Framework helps enterprises scale Agile practices across multiple teams

and complex technology programs.

#### Topics Covered

- Agile Principles and Agile Manifesto
- Limitations of traditional project management
- Overview of Agile frameworks such as Scrum, Kanban, and Lean
- Introduction to the Scaled Agile Framework (SAFe)
- SAFe House of Lean and SAFe core values
- Agile teams and Agile Release Trains
- Role of Agile in modern digital product development

### Module 2: Scrum Foundations in SAFe

#### Learning Objective

Learn how Scrum practices operate within the SAFe framework to enable team level Agile delivery.

#### Topics Covered

- Overview of the Scrum framework
- Core Scrum roles: Product Owner, Scrum Master, and Development Team
- Core Scrum artifacts: Product Backlog, Sprint Backlog, and Increment

- Scrum ceremonies and Agile events
- Iteration planning and backlog refinement
- Scrum in a scaled enterprise environment
- Collaboration between Agile teams

## **Module 3: SAFe Roles and Responsibilities**

### **Learning Objective**

Understand the key roles in SAFe and how they collaborate to deliver value across enterprise Agile programs.

### **Topics Covered**

- Role of the SAFe Scrum Master
- Product Owner responsibilities in SAFe
- Role of the Release Train Engineer (RTE)
- System Architect and Product Management
- Agile team responsibilities
- Collaboration between business and technology teams
- Leadership roles in SAFe environments

## **Module 4: Agile Release Trains (ART) and Program Execution**

### **Learning Objective**

Learn how Agile Release Trains coordinate multiple Agile teams to build and deliver enterprise scale digital products.

### **Topics Covered**

- What is an Agile Release Train (ART)
- Structure and purpose of ART
- Team synchronization across multiple Agile teams
- Continuous value delivery

- Managing dependencies across teams
- Aligning development with business objectives

## **Module 5: Program Increment (PI) Planning**

### **Learning Objective**

Understand the importance of Program Increment Planning and how teams align on priorities and goals.

### **Topics Covered**

- Overview of Program Increment Planning
- Preparing for PI Planning
- Team breakout sessions
- Identifying dependencies and risks
- Creating PI objectives
- Business value alignment
- Final plan review and commitment

## **Module 6: Iteration Execution and Agile Team Collaboration**

### **Learning Objective**

Learn how Agile teams execute iterations while maintaining collaboration across the entire Agile Release Train.

### **Topics Covered**

- Iteration planning
- Daily stand ups in SAFe environments
- Managing iteration progress
- Backlog refinement techniques
- Iteration review and demo
- Iteration retrospective

- Improving team productivity and collaboration

## **Module 7: DevOps and Continuous Delivery in SAFe**

### **Learning Objective**

Understand how DevOps practices enable continuous integration, continuous delivery, and faster product releases.

### **Topics Covered**

- DevOps culture in Agile organizations
- Continuous Integration and Continuous Delivery (CI/CD)
- Release on demand
- Automation and pipeline management
- Improving product delivery speed
- DevOps collaboration across teams

## **Module 8: Inspect and Adapt for Continuous Improvement**

### **Learning Objective**

Learn how organizations improve performance through regular inspection and adaptation.

### **Topics Covered**

- Inspect and Adapt event
- Problem solving workshop
- Root cause analysis
- Measuring team performance
- Continuous improvement practices
- Scaling learning across Agile teams

## **Module 9: AI and Modern Agile Tools**

### **Learning Objective**

Understand how AI tools and Agile platforms support Agile teams and Scrum Masters.

## **Topics Covered**

- Introduction to AI in Agile project management
- AI assisted backlog management
- Basics of prompt engineering for Agile workflows
- Risk management using AI tools
- Responsible AI usage in Agile environments
- Agile tools for collaboration and productivity

## **Module 10: Practicing SAFe in Real Enterprise Projects**

### **Learning Objective**

Apply SAFe concepts in real world enterprise scenarios and understand implementation strategies.

### **Topics Covered**

- Implementing SAFe in organizations
- Real world SAFe case studies
- Agile transformation challenges
- Change management in Agile adoption
- Building high performing Agile teams
- SAFe adoption roadmap

## **Certification Preparation**

Participants will also receive guidance for the following:

- SAFe certification exam preparation
- Practice questions and mock tests
- Real world scenario discussions
- Agile case study analysis

