

SAFe Scrum Master Training

COURSE CURRICULUM & LEARNING GUIDE

Review the complete module outline below, including topics and learning outcomes. Practical exercises are The AgileNow learning activities; certification requirements remain governed by the relevant awarding body.

Module 1: Scrum and Lean-Agile Context

Build a strong foundation in Scrum, Agile methodologies, and the SAFe framework to understand how high-performing Agile teams deliver value.

Topics Covered

- Introduction to Agile, Scrum, and Lean-Agile principles
- Understanding the Agile Manifesto and its 12 principles
- Scrum framework: roles, events, artifacts, and commitments
- Differences between Scrum, Kanban, and traditional project management
- Introduction to the Scaled Agile Framework (SAFe)
- Understanding SAFe Core Values and Lean-Agile Mindset
- Agile Release Trains (ARTs) and value streams
- Applying Lean thinking to eliminate waste and improve flow
- Understanding business agility and customer-centric delivery
- Scrum Master's role within a SAFe enterprise

Learning Outcome: Understand how Scrum and Lean-Agile practices support team collaboration, organizational agility, and continuous value delivery.

Module 2: Scrum Master Responsibilities and Team Facilitation

Explore the Scrum Master's responsibilities as a servant leader, facilitator, coach, and enabler of high-performing Agile teams.

Topics Covered

- Scrum Master roles and responsibilities in SAFe
- Servant leadership and effective Agile coaching techniques
- Facilitating team collaboration and communication
- Supporting self-managing and cross-functional Agile teams
- Facilitating Sprint Planning, Daily Scrum, Sprint Review, and Sprint Retrospective
- Identifying and removing impediments to team progress
- Coaching teams in Scrum principles and Agile best practices
- Conflict resolution and stakeholder communication
- Building trust, psychological safety, and team accountability
- Supporting Product Owners in backlog refinement and prioritization
- Using Agile metrics to monitor progress and team effectiveness
- Encouraging continuous learning and team maturity

Learning Outcome: Gain practical facilitation and coaching skills to help Agile teams improve collaboration, overcome challenges, and deliver consistent business value.

Module 3: PI Planning and Iteration Execution

Learn how Scrum Masters support Planning Intervals (PIs), facilitate team planning, and enable predictable delivery across Agile Release Trains.

Topics Covered

- Introduction to Planning Intervals and PI Planning
- Understanding PI Planning objectives, inputs, and outputs
- Scrum Master's responsibilities before, during, and after PI Planning
- Preparing team backlogs and planning readiness
- Facilitating team breakout sessions during PI Planning
- Supporting capacity planning and workload estimation
- Identifying risks, dependencies, and delivery constraints
- Creating and communicating team PI Objectives
- Understanding the ART Planning Board and dependency visualization
- Facilitating iteration planning and execution
- Monitoring iteration progress using team boards and flow metrics
- Supporting System Demos and Inspect & Adapt events
- Managing changes and improving delivery predictability
- Coordinating with Release Train Engineers and Product Management

Learning Outcome: Develop the ability to support effective PI Planning, coordinate iteration execution, and help Agile teams deliver against shared objectives.

Module 4: Cross-Team Dependencies and Continuous Improvement

Understand how Scrum Masters collaborate across multiple Agile teams, manage dependencies, and promote continuous improvement at both team and ART levels.

Topics Covered

- Understanding cross-team collaboration in SAFe
- Identifying and managing inter-team dependencies
- Coordinating with other Scrum Masters and ART stakeholders
- Participating in ART Sync and Coach Sync activities
- Managing blockers, risks, and delivery impediments
- Applying ROAM techniques to program-level risks
- Using visual management tools to track dependencies
- Understanding flow metrics, cycle time, throughput, and work in progress
- Identifying bottlenecks and improving workflow efficiency
- Facilitating effective iteration retrospectives
- Supporting Inspect & Adapt workshops
- Applying root cause analysis and problem-solving techniques
- Encouraging Kaizen and continuous improvement practices
- Measuring improvements through actionable team metrics
- Building a culture of transparency, accountability, and shared ownership

Learning Outcome: Learn to coordinate effectively across Agile teams, reduce delivery risks, resolve dependencies, and drive measurable improvements in team and ART performance.

Module 5: Responsible AI for Agile Team Facilitation

Explore how Artificial Intelligence can support Scrum Masters in improving meeting effectiveness, Agile planning, team collaboration, and data-driven decision-making.

Topics Covered

- Introduction to AI and Generative AI in Agile environments
- Understanding AI opportunities for Scrum Masters
- Using AI assistants to prepare meeting agendas and facilitation materials
- AI-assisted Sprint Planning and backlog refinement
- Generating retrospective insights and improvement suggestions
- Summarizing Agile ceremonies and documenting action items
- Using AI to identify potential delivery risks and dependencies
- AI-assisted analysis of Agile metrics and team performance
- Improving stakeholder communication through AI-generated summaries
- Prompt engineering fundamentals for Scrum Masters
- Responsible AI principles: fairness, transparency, accountability, and privacy
- Protecting confidential team, customer, and organizational data
- Identifying AI hallucinations, bias, and unreliable recommendations
- Maintaining human oversight in Agile decisions
- Integrating AI tools into existing Agile workflows

Learning Outcome: Understand how to apply AI responsibly to reduce administrative effort, improve facilitation efficiency, and support informed Agile decisions while maintaining human accountability.

Plan Your Learning

Discuss your experience and goals with our team. Confirm prerequisites, training format, materials, dates, fees and examination inclusion before booking. Course attendance is distinct from earning a certification. This guide is The AgileNow curriculum; it is not an official awarding-body syllabus.

Official reference: <https://scaledagile.com/certification/scrum-master/>

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