SAFe DevOps
Detailed Course Table of Contents

PROPOSED TRAINING SYLLABUS • EDITABLE COURSE OUTLINE

Duration	**2 days**
Audience	Developers, testers, operations engineers, release managers, architects, product leaders
Prerequisites	Experience with software delivery, operations or Agile teams is beneficial.
Format	Instructor-led discussion, exercises, simulations and knowledge checks

Course Overview

This course builds practical understanding of SAFe DevOps through structured concepts, examples and facilitated exercises. The outline is designed for training proposals and may be tailored to the participants' context.

Detailed Module-Wise Contents

Module 1: Introducing DevOps in SAFe

- DevOps culture and shared accountability
- CALMR approach: Culture, Automation, Lean flow, Measurement, Recovery
- Continuous Delivery Pipeline overview
- Value-stream bottlenecks and feedback

Suggested activity: Assess a delivery process using CALMR.

Module 2: Mapping the Continuous Delivery Pipeline

- Continuous Exploration
- Continuous Integration
- Continuous Deployment
- Release on Demand
- Pipeline roles and handoffs

Suggested activity: Create a current-state delivery pipeline map.

Module 3: Continuous Exploration

- Customer needs and hypothesis-driven discovery
- Feature definition and backlog refinement
- Design thinking and experimentation
- Architecture and security collaboration

Suggested activity: Draft a hypothesis and minimum viable experiment.

Module 4: Continuous Integration

- Trunk-based development concepts and version control
- Automated builds and testing
- Built-in quality and security
- Integration feedback and defect prevention

Suggested activity: Prioritize a test automation improvement backlog.

Module 5: Continuous Deployment and Release on Demand

- Deployment automation and environments
- Feature toggles and release strategies
- Observability, monitoring and recovery
- Compliance and release governance

Suggested activity: Design a safe deployment and rollback workflow.

Module 6: DevOps Improvement Roadmap

- Pipeline measurement and flow metrics
- Identifying constraints and waste
- Prioritizing improvement opportunities
- Organizational ownership and next steps

Suggested activity: Build a 30/60/90-day DevOps transformation roadmap.

Suggested Day-Wise Delivery Plan

- Day 1: Introducing DevOps in SAFe; Mapping the Continuous Delivery Pipeline; Continuous Exploration.
- Day 2: Continuous Integration; Continuous Deployment and Release on Demand; DevOps Improvement Roadmap.

Expected Learning Outcomes

- Explain the major concepts and roles relevant to the course context.
- Apply selected practices through scenario-based exercises and facilitated discussions.
- Identify dependencies, risks and improvement opportunities in a realistic workplace setting.
- Create a practical action plan to apply learning after the training.

Assessment and Course Notes

Suggested learning checks: short quizzes, reflection questions, group activities and a final action-plan presentation. Assessment design and certification eligibility, where relevant, must be verified against the current course provider requirements.

This is an independently drafted training outline, not an official reproduced Scaled Agile syllabus. Verify current course versions, certification requirements and delivery authorization before publication.