

Leading SAFe 5.0 (42200) H8PK1S

HPE course number	H8PK1S
Course length	2 Days
Delivery mode	ILT
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Why HPE Education Services?

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This certification course will show you how to successfully scale Agile principals across your organization by utilizing Lean thinking practices and Product Development Flow techniques. Through Lean Software Development and Product Development Flow, you will learn how to create longer programs, called Agile Release Trains, where groups of Agile teams work together to optimize quality and velocity to deliver even greater value for their stakeholders.

Audience

This SAFe Agilist certification course is beneficial to all members on an Agile team, but it is primarily oriented towards those leading the efforts to adopt and scale Lean and Agile principles and practices via the Scaled Agile Framework™.

This course is ideally suited for:

- Executives
- Managers
- Change Agents
- Program Managers
- Coaches
- Anyone helping lead the SAFe implementation

Course objectives

- How to lead an enterprise Agile transformation
- To apply Lean thinking techniques at the team, program and portfolio levels
- To apply Lean, Agile and Product Development Flow principles to improve productivity, employee engagement, time to market and quality
- How to infuse Agile into your entire organization – not just your IT department
- How to create Agile Release Trains that align the efforts of Agile and non-Agile teams to create greater stakeholder value
- To encourage collaboration across all layers of your organization to enable teams to deliver complex cross-functional features in 10-12 week increments
- To improve the communication and focus of your organization's Agile implementation

Detailed course outline

Module 1: What is SAFe?	<ul style="list-style-type: none"> • An introduction to the Scaled Agile Framework™ • SAFe Implementation Strategy 	<ul style="list-style-type: none"> • History of SAFe • SAFe Core Values
Module 2: Lean Thinking	<ul style="list-style-type: none"> • An overview of Lean Software Development and Product Development Flow • Lean Tools • House of Quality • Product Development Flow • Optimal Batch Size • Controlling Flow Under Uncertainty • Decentralized Control • Value Stream Mapping 	
Module 3: Agile Development	<ul style="list-style-type: none"> • How to apply Agile development principles and practices across the enterprise. An overview of Business benefits that can be realized from such enterprise transformation. • Accelerating Value Delivery • Brief Agile Overview • Business Benefits 	<ul style="list-style-type: none"> • Case Studies
Module 4: SAFe at the Team Level	<ul style="list-style-type: none"> • An experiential walkthrough of SAFe practices for teams including the utilization of Scrum and XP methods. Focus is on the technical, project management and economic prioritization practices that will enable scaling across teams and up to the program and portfolio levels. • Overview of Scrum plus XP in SAFe • Roles in ScrumXP • The Power of “Ba” • Backlog Sizing and Estimating • Estimating and Planning • Code Quality and Continuous Integration 	
Module 5: SAFe at the Program Level	<ul style="list-style-type: none"> • How to identify, implement and execute an Agile Release Train (ART) in your organization. An ART is a long-lived program whereby teams of agile teams optimize quality and velocity delivery for the enterprise's larger value streams. • What is an ART? • What are the Rules of an ART? • What New Roles are Added? • Identifying ART Opportunities • Program Vision and Roadmap 	<ul style="list-style-type: none"> • Optimal ROI and the Economics of the Cost of Delay • ART Duration Estimating • Release Planning and Managing the Train

Module 6: SAFe at the Portfolio Level

- Defining Agile Portfolio Management and the associated Agile transformational patterns. Topics covered include Strategy and Investment Funding, Program Management and Governance.
- What is Portfolio Program Management (PPM)?
- What is PPM's role in Strategy and Investment Funding?
- What is PPM's role in Governance?
- Dealing with Legacy Mindsets
- Eight Transformational Patterns for Agile PPM

Module 7: Agile Architecture

- Architecture in SAFe
- ART and System Architecture
- 7 Principles of Agile Architecture
- SAFe's Architectural Runway

Module 8: Scaling Leadership

- Becoming a Lean/Agile Leader
- Managing your Knowledge Workers
- Creating Purpose and Articulating
- Product Vision
- Analyzing the Value Stream
- Assessing Agile Teams
- Coaching with Powerful Questions

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