

Certified SAFe® Product Owner/Product Manager

Course Outline

Module 1: Exploring Product Owner and Product Management Roles and Responsibilities

- Introducing SAFe® for Product Owners and Product Management
 - Product Owner (PO) Areas of Responsibility
 - Product Management Areas of Responsibility
- Lean-Agile Mindset
 - Embrace the Lean-Agile Mindset
 - Agile Manifesto Principles
 - SAFe® Lean-Agile Principles
- Value Streams
 - What is a Value Stream?
 - Operational Value Streams
 - Development Value Streams
 - What is a Solution?
 - Operational Value Streams for TTC
 - What is an Agile Release Train (ART)?
 - What is an Agile Team?
 - Areas of Responsibility of the Agile Team
- Responsibilities of Product Owners and Product Management
 - Product Management, PO, and Agile Team Partner
 - PO Areas of Responsibility
 - Connecting with the Customer
 - Contributing to the Vision and Roadmap
 - Managing and Prioritizing Team Backlog
 - Supporting the Team in Value Delivery
 - Getting and Applying Feedback

Module 2: Preparing for PI Planning

- PI Planning
 - What is a Planning Interval (PI)?
 - What is PI Planning?
 - POs and Product Management are Essential to PI Planning
 - Benefits of PI Planning
- Solution Vision
 - What is a Solution Vision?
 - Influence of Strategic Themes
 - Express the Future State as a Vision
- Solution and PI Roadmaps
 - Market Dynamics Influence Solution and PI Roadmaps
 - Market Rhythms are Cyclical and Predictable
- Customer-Centric Features
 - Summary of SAFe® Requirements
 - Creating Epics to Fulfil the Vision

- Personas Help Understand Customers
 - Relative Estimating
 - Features are Implemented by Stories
- ART Backlog and Kanban
 - Features are Managed Through the ART Backlog
 - Partner with System Architects
 - Capacity Allocation
 - Kanban Summarized
 - Prioritize Features for Optimal ROI
 - Prioritization Anti-Patterns
 - Components of Cost of Delay
 - Calculate WSJF with Relative Estimating

Module 3: Leading PI Planning

- Communicate the Vision
 - What POs and Product Management Do During PI Planning?
 - Communicate the Vision
 - Communicate the PI Roadmap
 - PI Roadmap for the TTC Van Program
 - Support Team Breakouts
- Establish PI Objectives
 - PI Objectives
 - Why Do We Use PI Objectives?
 - Distinguish Features from PI Objectives
 - Tips for Writing Effective Team PI Objectives
 - Create Alignment with PI Objectives
 - Maintain Predictability with Uncommitted Objectives
 - Considerations When Assigning Business Value
- Manage Dependencies
 - Using an ART Planning Board to Visualize Work
 - Strategies for Managing Dependencies
 - PI Planning Can Reveal Opportunities to Release Value Sooner
- Manage Risks
 - Types of Risks
 - Building the Final Plan
 - Addressing ART PI Risks
 - Confidence Vote

Module 4: Executing Iterations

- Stories and Story Maps
 - Features are Split into Stories
 - What are Stories?
 - When is a Story Complete?
 - Use Story Maps to Capture Workflows
 - Integrating User Experience and Interface Design
- Iteration Planning
 - Product Owners Lead Iteration Planning

- Sequencing Stories
- Iteration Planning Agenda
- Establishing Capacity
- Capacity Allocation for a Healthy Balance
- Using Velocity to Establish Capacity
- Estimate Stories with Relative Story Points
- Iteration Goals
- Tips for Effective Iteration Planning
- Team Kanban
 - Team Kanban Promotes Collaboration and Facilitates Flow
 - POs and the Team Sync
 - Backlog Refinement
- Tips for Effective Backlog Refinement
- Iteration Review and Iteration Retrospective
 - Iteration Review
 - Iteration Review guidelines
 - Scalable Definition of Done
 - Relentless Improvement
 - Iteration Retrospective
- DevOps and Release on Demand
 - Building the Continuous Delivery Pipeline with DevOps
 - Continuous Exploration (CE) – Understand Customer Needs
 - Continuous Integration (CI) – A Critical Technical Practice of the ART
 - Continuous Deployment (CD) – Getting to Production Early
 - Decouple Release Elements from the Total Solution

Module 5: Executing the PI

- Product Owner (PO) Sync
 - PO Sync helps ARTs Respond to Change
- System Demo
- Innovation and Planning Iteration
 - SAFe® Core Values
 - Innovation and Planning (IP) Iteration
 - IP Iteration
 - Organize a Hackathon
 - Organize a Supplier Showcase
 - Spikes
- Inspect and Adapt
 - Improve Results
 - PI System Demo
 - Review Relevant Metrics
 - Competency Assessments
 - Flow Metrics
 - Eight Flow Accelerators
 - Program Performance Reporting
 - Measure ART Predictability
 - Team Performance Assessment

- Program Performance Metrics

Module 6: Practicing SAFe®

- SAFe® Toolkits
- Community Video Hub
- Online Learning Resources
- SAFe® Collaborate
- SAFe® Assessments
- SAFe® Forums

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