BOARD INFINITY

COURSE 2 OF 3 · AGILE DEVELOPMENT EXCELLENCE SPECIALIZATION

Crafting Effective User Stories in Agile - Agile Excellence

Full course syllabus - every module, video lesson, reading and assignment, from scaling Scrum to continuous delivery and improvement.

Board Infinity
Instructor · Offered on Coursera

3	27	12	1 week
Modules	Video lessons	Assignments	At 10 hours a week

INSIDE THE COURSE

01	Scaling Scrum in the Enterprise	4 hours to complete
02	Lean and DevOps for Continuous Delivery	4 hours to complete
03	Metrics, KPIs, and Improvement Techniques	4 hours to complete

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https://www.coursera.org/learn/crafting-effective-user-stories-in-agile-excellence

01 ABOUT THE COURSE

Agile that scales beyond one team.

Crafting Effective User Stories in Agile - Agile Excellence is designed for Agile practitioners and project managers who want to master advanced scaling frameworks like SAFe, Large-Scale Scrum (LeSS) and Nexus, and optimize Agile and Scrum practices across multiple teams.

Across three modules you scale Scrum, add Lean and DevOps for continuous delivery, and use metrics for continuous improvement - 27 videos, 9 readings and 12 assignments in all, with a real-world case study in every module.

WHO IT'S FOR

Agile practitioners & Scrum Masters
Deepening their knowledge of scaling frameworks in large organizations.

Project & program managers
Coordinating multiple Agile teams and cross-functional workflows.

Product owners & business analysts
Using Agile metrics, Lean principles and continuous improvement.

IT managers & DevOps professionals
Integrating DevOps with Agile to support continuous delivery.

WHAT YOU'LL LEARN

01 **Choose the right scaling framework** Module 1
Understand the principles of Agile scaling frameworks, including SAFe and LeSS, and when to apply them effectively

02 **Coordinate many teams** Module 1
Run a Scrum of Scrums, synchronize teams, report progress and manage dependencies at scale

03 **Deliver continuously with Lean & DevOps** Module 2
Apply Lean and DevOps practices to streamline continuous delivery and enhance collaboration among teams

04 **Drive improvement with metrics** Module 3
Analyze key performance metrics and use data-driven insights to implement continuous improvement strategies

02 SYLLABUS

Three modules, from one team to many.

1 week to complete at 10 hours a week. Flexible schedule - learn at your own pace.

01 Scaling Scrum in the Enterprise

4 hours · 9 videos

SAFe, LeSS and Nexus, Scrum of Scrums, and dependencies at scale

BY THE END OF THIS MODULE YOU CAN

- Compare SAFe, LeSS and Nexus and choose the right scaling model
- Run a Scrum of Scrums and structure meetings for team synchronization
- Report progress across multiple teams
- Manage dependencies, collaboration and conflict between teams at scale

CONTENTS: 9 videos (57 min) · 3 readings (90 min) · 4 assignments (105 min) · 1 plugin (5 min)

TOPICS: Introduction to Scaling Agile Frameworks · Scrum of Scrums and Scaling Events · Managing Dependencies at Scale · Quick Course Check-In (plugin)

You'll leave with: a scaling model chosen for your context and a way to coordinate many teams, tested against a global software firm case study.

02 Lean and DevOps for Continuous Delivery

4 hours · 9 videos

Lean thinking, DevOps and CI/CD, and automation pipelines

BY THE END OF THIS MODULE YOU CAN

- Apply Lean thinking and value stream mapping to reduce waste
- Weigh continuous flow against timeboxed sprints
- Explain how DevOps complements Scrum through CI, testing and deployment
- Use Jenkins, Docker and Kubernetes, and automate testing with feedback loops

CONTENTS: 9 videos (57 min) · 3 readings (90 min) · 4 assignments (105 min)

TOPICS: Integrating Lean Principles into Scrum · Continuous Delivery and DevOps · Building Automation Pipelines

You'll leave with: a clear picture of a continuous delivery pipeline for Scrum teams, grounded in an e-commerce case study.

03 Metrics, KPIs, and Improvement Techniques

4 hours

Advanced Scrum metrics, root cause analysis, and Kaizen

9 videos

BY THE END OF THIS MODULE YOU CAN

- Measure predictability and stability beyond velocity
- Use lead time, cycle time and sprint data to optimize sprints
- Apply root cause analysis (5 Whys, Fishbone) and run Kaizen events
- Use retrospectives to drive continuous improvement across the enterprise

CONTENTS	9 videos (58 min) · 3 readings (90 min) · 4 assignments (105 min)
CASE STUDY	How Continuous Improvement Transforms Large Enterprises, with success stories and real-world challenges
TOPICS	Advanced Scrum Metrics and KPIs · Continuous Improvement Techniques · Case Study on Organizational Transformation

You'll leave with: a metrics-and-improvement toolkit - predictability, lead and cycle time, root cause analysis and Kaizen - that keeps quality and stability high as Agile scales.

03 TOOLS & SKILLS

The themes that run through the course.

Scaling frameworks Module 1

SAFe, LeSS and Nexus, and the Scrum of Scrums that keeps teams in sync.

In this course: Choose a scaling model and manage dependencies at scale.

Lean thinking Module 2

Value stream mapping and waste reduction in product development.

In this course: Compare continuous flow with timeboxed sprints.

DevOps & CI/CD Module 2

Continuous integration, testing and deployment with Jenkins, Docker and Kubernetes.

In this course: Automate testing and build continuous feedback loops.

Metrics & Kaizen Module 3

Predictability, lead time and cycle time, and root cause analysis.

In this course: Use Kaizen events and retrospectives to improve.

SKILLS YOU LEAVE WITH

Scaling skills

- Scaling framework selection
- Scrum of Scrums coordination
- Dependency management
- Cross-team progress reporting

Delivery skills

- Lean & value stream mapping
- Continuous integration & deployment
- Test automation in Agile projects
- Continuous feedback loops

Improvement skills

- Predictability & stability metrics
- Lead time & cycle time analysis
- Root cause analysis
- Kaizen & retrospectives

04 CERTIFICATE & CAREER

Finish with a shareable certificate.

Add it to LinkedIn
Add this credential to your LinkedIn profile, resume, or CV.

Share it anywhere
Share it on social media and in your performance review.

Earned, not attended
Awarded on completion of the graded quizzes in all three modules.

Course 2 of 3
Part of the Agile Development Excellence Specialization from Board Infinity.

WHERE THESE SKILLS ARE IN DEMAND

Scrum Master · Agile Coach · Release Train Engineer · Program Manager · Product Owner · DevOps Engineer

Board Infinity

Instructor · Offered on Coursera

Intermediate level · Taught in English · Flexible schedule

Ready to scale Agile across your teams?

Enrollment, lessons, grading and the certificate all happen on Coursera.

Enroll on Coursera

Course page:
coursera.org/learn/crafting-effective-user-stories-in-agile-excellence

Want a coach alongside the course?

Board Infinity 1:1 coaching is a separate, optional Board Infinity offering - it is not part of the Coursera course. Details: https://www.boardinfinity.com/career-coaching/

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