BOARD INFINITY

COURSE 1 OF 3 · AGILE EXCELLENCE WITH SCRUM SPECIALIZATION

Scrum Fundamentals and Industry Planning Techniques

Full course syllabus - every module, video lesson, reading and assignment, from Scrum roles to sprint planning in Jira and sprint review.

Board Infinity
Instructor · Offered on Coursera

3	39	12	1 week
Modules	Video lessons	Assignments	At 10 hours a week

INSIDE THE COURSE

01	Mastering Agile and Scrum for Industry Projects	5 hours to complete
02	Industry-Level Sprint Planning and Tracking	4 hours to complete
03	Effective Collaboration and Scrum Events	4 hours to complete

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https://www.coursera.org/learn/scrum-fundamentals-and-industry-planning-techniques

01 ABOUT THE COURSE

Scrum as industry teams run it.

Scrum Fundamentals and Industry Planning Techniques is an in-depth exploration of Scrum and Agile methodologies in industry environments. It covers the key Scrum roles of Product Owner and Scrum Master, and how to manage complex projects in large organizational settings.

You get hands-on experience with Jira and Confluence for sprint planning, tracking and backlog management, plus advanced estimation and collaboration techniques - 39 videos, 9 readings and 12 assignments in all.

WHO IT'S FOR

Professionals & project managers
Deepening their understanding of Scrum and Agile in industry settings.

Team leaders
Planning realistic sprints and keeping teams collaborating.

Product Owners
Managing stakeholders and backlogs in complex, large-scale projects.

Scrum Masters & Agile Coaches
Refining their skills for managing large-scale, multi-team projects.

WHAT YOU'LL LEARN

01 **Apply Scrum to complex projects** Module 1
Understand advanced Agile and Scrum methodologies, including how to implement them in large enterprises and complex projects

02 **Lead through Scrum roles** Module 1
Manage stakeholders as Product Owner, guide multiple teams as Scrum Master, and build high-performance teams

03 **Plan and estimate sprints in Jira** Module 2
Apply industry-level sprint planning, task management using Jira, and effective estimation techniques to real-world projects

04 **Run Scrum events that improve teams** Module 3
Evaluate Scrum events, sprint performance and team collaboration strategies to drive continuous improvement

02 SYLLABUS

Three modules, roles to sprint review.

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

01 Mastering Agile and Scrum for Industry Projects

5 hours

Advanced Agile, Scrum for complex projects, and key Scrum roles

14 videos

BY THE END OF THIS MODULE YOU CAN

- Apply Agile and Lean beyond the basics in large enterprises
- Tailor Scrum to complex organizations and hybrid environments
- Use Agile maturity models to assess a team or organization
- Manage stakeholders, lead multiple teams and build high-performance teams

CONTENTS: 14 videos (86 min) · 3 readings (90 min) · 4 assignments (105 min) · 1 plugin (5 min)

TOPICS: Advanced Agile Methodologies · Scrum for Complex Projects · Key Scrum Roles in the Industry · Quick Course Check-In (plugin)

You'll leave with: a working model of Scrum roles and structure for complex, multi-team projects, grounded in real-world Agile case studies.

02 Industry-Level Sprint Planning and Tracking

4 hours

Sprint goals, Jira and Confluence, and estimation techniques

12 videos

BY THE END OF THIS MODULE YOU CAN

- Set realistic sprint goals aligned with business objectives
- Manage capacity and velocity in large teams
- Groom backlogs and report burndown and velocity in Jira
- Estimate with story points, Planning Poker and T-shirt sizing

CONTENTS: 12 videos (68 min) · 3 readings (90 min) · 4 assignments (105 min)

TOPICS: Sprint Planning with Real-World Constraints · Task Management with Jira and Confluence · Effective Estimation Techniques

You'll leave with: a sprint-planning and estimation routine in Jira, tested on an IT project case study.

03

Effective Collaboration and Scrum Events

Retrospectives and standups, dependencies and risks, and sprint reviews

4 hours

13 videos

BY THE END OF THIS MODULE YOU CAN

- Conduct retrospectives that lead to real improvements
- Facilitate distributed daily standups and avoid Scrum event anti-patterns
- Handle inter-team dependencies, sprint risks and team conflict
- Present sprint outcomes and build custom Jira reports for management

CONTENTS 13 videos (67 min) · 3 readings (90 min) · 4 assignments (105 min)

CASE STUDY Real-World Sprint Review Scenarios

TOPICS

- Advanced Scrum Events for Continuous Improvement
- Managing Dependencies and Risks During Sprints
- Reporting and Sprint Review

You'll leave with: a playbook for Scrum events, dependencies, risks and stakeholder reporting, practised on real-world sprint review scenarios.

03 TOOLS & SKILLS

The framework and tools you work with.

Scrum framework — Core method

Roles, events and artifacts, tailored for complex projects and hybrid environments.

In this course: Apply Scrum in large organizations and multi-team settings.

Jira — Core tool

Backlog grooming, sprint planning, burndown and velocity, and custom reports.

In this course: Plan, track and report sprints for teams and management.

Confluence — Team docs

Task management alongside Jira, with planning and team knowledge in one place.

In this course: Covered in the task-management lesson of module two.

Trello — Scrum boards

A lightweight Scrum board for visualizing work in progress.

In this course: Set up Scrum boards in both Jira and Trello.

SKILLS YOU LEAVE WITH

Scrum leadership

- Stakeholder management
- Multi-team Scrum Mastery
- Building high-performance teams
- Agile maturity assessment

Planning skills

- Sprint goal setting
- Capacity & velocity management
- Story point estimation
- Backlog grooming in Jira

Collaboration skills

- Retrospective facilitation
- Dependency & risk management
- Conflict management
- Sprint review reporting

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 1 of 3
Part of the Agile Excellence with Scrum Specialization from Board Infinity.

WHERE THESE SKILLS ARE IN DEMAND

Scrum Master · Product Owner · Agile Project Manager · Agile Coach · Team Lead · Delivery Manager



Board Infinity
Instructor · Offered on Coursera

Beginner level · Taught in English · 3 languages available · Flexible schedule

Ready to plan sprints like an industry team?

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

Enroll on Coursera

Course page:
coursera.org/learn/scrum-fundamentals-and-industry-planning-techniques

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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