

Professional Scrum Developer - Java Certification

Course Summary

Description

Great software development using Scrum requires the seamless integration of the tool, a well-functioning team, and software development best practices. This is the Scrum.org Professional Scrum Developer (PSD) certification course for Java and .Net. The Professional Scrum Developer course is an exercise-driven class which teaches students how to work in a team, using advanced software engineering practices such as Test Driven Development and Continuous Integration, your technology platform, and the Scrum framework to develop high quality, deployable, functionality.

Classes are exercise-driven, with students working in self-organizing teams to develop “done” increments from a realistic product backlog, all the while learning how to write maintainable, tested, integrated code. The full Scrum/Developer course is five days long (PSD+), but a shorter 3-day version (PSD) is available for people who already have practical Scrum knowledge. Students will learn through hands-on exercises and will be challenged to think on their feet to better understand what to do when they return to their workplaces.

After class, attendees will have 14 days to take the Professional Scrum Developer online assessment, which consists of 80 multiple choice questions. If they score 85%, they will receive PSD - Java I certification. The cost of the first attempt is included in the price of the PSD class. Subsequent attempts are \$250 USD each.

Topics

- Scrum
- Tools
- Practices

Audience

The Professional Scrum Developer course is suitable for any member of a software development team, including architects, programmers, database developers, testers, and others with some technical knowledge.

Product Owners, Scrum Masters, and other stakeholders are welcome to attend this class so long as they keep in mind that everyone who attends will be expected to fully participate on their development team.

Prerequisites

There are no prerequisites for this course.

Duration

Three days

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Course Outline

I. Scrum

The course simulates being part of a Scrum team to expose students to the core Scrum concepts in action. Students learn how to work as part of a Scrum team, which requires them to understand techniques for self-organization. Through the course students develop skills in identifying and overcoming common Scrum Team dysfunctions

II. Tools

Tools PSD courses teach students how to leverage different development tools to employ Scrum practices. PSD and PSD+ courses are taught in the context of Visual Studio for .NET or Eclipse + Open Source tools for Java. Students learn how to map specific tool features and functions to the general Scrum practices they must use to be effective team members.

III. Practices

PSD courses cover all of the technical practices that team members need to successfully implement and ship functionality. These include coding practices like test-driven development, continuous integration, and refactoring; architecture practices such as emergent architecture and evolutionary database development; release management practices like planning, requirements definition, and shipment; and quality assurance practices from defining "done" to pair programming, version control and acceptance testing.