

AI FOR SOFTWARE TEAMS

AIST | 1 Day



Are you ready to harness the transformative power of AI and revolutionize your software development process? If so, this course is your gateway to equipping every team member – Product Owners, Scrum Masters, and Developers – with actionable AI skills tailored to each unique accountability. Whether you’re exploring AI’s potential or seeking to integrate it into your workflow, you’ll gain practical strategies and proven techniques to elevate your team’s productivity and drive innovation like never before.

Who should take this class?

This course is designed for every member of a software development team, with a special focus on Product Owners/Product Managers, Scrum Masters/Agile Coaches, and Developers. The course reinforces the core responsibilities and daily practices while providing actionable insights for success.

While some experience in software development is recommended, it's not mandatory. Familiarity with Agile software development, Scrum, and GenAI tools is beneficial but not a prerequisite. To make the most of this class, attendees should have access to GenAI tools such as ChatGPT, Gemini, Copilot, and/or GitHub Copilot.

Course content

This course takes a step-by-step approach to mastering GenAI tools, demonstrating how to effectively use them to kickstart and manage product development, monitor progress, adapt workflows, and enhance coding and testing tasks. Participants will collaborate in teams, engaging in hands-on activities centered around a shared case study in order to apply their learning in a real-world scenario.

1. WHAT IS AI?

- AI introduction and types
- Agile Manifesto implications
- Generative and Predictive AI
- Popular AI tools
- Prompt engineering and proven practices
- Team-based, hands-on activities

2. AI FOR PRODUCT OWNERS / PRODUCT MANAGERS

- Case study kickoff
- Product Owner accountabilities and stances
- AI tools for strategic planning and vision
- AI tools for understanding the audience
- AI tools for planning, tracking, and execution
- Cautions for Product Owners
- Team-based, hands-on activities

3. AI FOR SCRUM MASTERS / AGILE COACHES

- Scrum Master accountabilities and stances
- AI tools for guidance and growth
- AI tools for process and progress
- AI tools for transformation and advocacy
- Cautions for Scrum Masters
- Team-based, hands-on activities

4. AI FOR DEVELOPERS

- Developer accountabilities
- AI tools for code analysis, testing, improvement
- AI tools for documentation and explanation
- AI tools for maintainability and optimization
- Cautions for Developers
- Team-based, hands-on activities

Course Designer

This course was designed by Richard Hundhausen, Microsoft’s first DevOps MVP, Professional Scrum Trainer, co-creator of the Nexus Scaled Professional Scrum framework, and an experienced software developer. To see other courses, visit www.accentient.com.