Course Title: Agile Project Management: Facilitating a Product Development Team with Scrum

Course Code: WSP 104
Instructor: Martin Vonderheiden, PSM, PMP, CSSBB

Course Summary:
Many projects end up creating unneeded and unsellable products due to changing user requirements. Agile offers an effective alternative to a plan-driven project management approach. In this hands-on workshop, we will focus on Scrum, which is the most widely used Agile framework. By the end of the course, you will be able to

- Lead your team to higher levels of performance
- Facilitate your organization’s adoption of Agile practices that work for you
- Explain Agile concepts and practices in your next client meeting or job interview
- Gain the knowledge to sit for an Agile certification exam (if desired)
- Develop a roadmap for continuing professional development

*Please see course page for full description and additional details.

Grade Options and Requirements:
- No Grade Requested (NGR)
  o This is the default option. No work will be required; no credit shall be received; no proof of attendance can be provided.
- Credit/No Credit (CR/NC)
  o Students must attend all class sessions.
- Letter Grade (A, B, C, D, No Pass)
  o N/A (due to the course format)

*Please Note: If you require proof that you completed a Continuing Studies course for any reason (for example, employer reimbursement), you must choose either the Letter Grade or Credit/No Credit option. Courses taken for NGR will not appear on official transcripts or grade reports.

Please contact the Stanford Continuing Studies office with any questions
365 Lasuen St, Stanford, CA 94305
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Tentative Outline (Subject to Change):

**DAY 1:**

LECTURE 1: Getting Started: Drive to Value with Agile
- Agile Mindset, Values, Principles, Practices
- Deciding What Kind of Projects Are Suited for Agile
- Agile Frameworks: Scrum, Lean, Kanban - Which One When?
- Team Exercise: Agile Networking

LECTURE 2: Scrum Fundamentals: Learn the Rules of the Game
- How to Get the Process Started
- Software Quality: What “Done” Should Look Like in a Project?
- Managing The Team: Roles, Meetings, Deliverables
- Team Exercise: Check Your Understanding of Scrum

LECTURE 3: Hands-on Scrum: Run an Agile Project
- Creating a Product Backlog from Product Vision
- Developing and Estimating Requirements
- Prioritizing a Product Backlog
- Project Simulation: SpaceX Cruises

**DAY 2:**

LECTURE 4: Beyond the Basics: Overcome Challenges in Large-Scaling Agile Development
- Problems with Scaling Agile for Large Organizations
- Scaled Agile Frameworks: SAFe, LeSS, DAD, Nexus - Which One When?
- Team Exercise: FinTech Case Study

LECTURE 5: Stakeholders Engagement: Build a High-Performance Team
- Agile Leadership: Why It Matters for Self-Organized Teams
- Tools to Establish a Shared Vision
- Improve Your Influence with Storytelling and Other Persuasive Strategies
- Develop and Measure Team Performance
- Team Exercise: Self-Organization vs Command & Control

LECTURE 6: Guests Speakers from leading Silicon Valley firms. Example topics include:
- Agile Project Stories: Challenges, Approaches, and Best Practices
- Selecting Agile Tools: High-Tech or High-Touch?
- Career Paths, Skills Development, and Certifications
- Emerging Agile Trends and Future Directions
- Other - TBD

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