

ITSE 1041

Course Syllabus

1. Name of Course:

Agile Project Leadership

2. Number of Contact Hours: 42

3. Course Description:

Agile project leaders deliver high-impact business results by relying on self-organizing teams to plan, execute and innovate throughout the project lifecycle. Rather than plan, instruct, and direct, the agile project leader educates, coaches, and facilitates.

Development of these critical skills and the process and tools that support the agile team is the focus of this course. Special emphasis on leadership development and enabling organizational change will be central to this certification course. Upon successful completion of this course, attendees will be prepared for Agile project leadership.

4. Prerequisites

Familiar with software development.

5. Course Learning Objectives:

People learn best through hands-on exercises and by teaching. In this course students will learn by practicing the agile method and by teaching it. After introductory training, the remainder of the course will be developed and taught by the student, using the agile method. The instructors will be ever present to guide and assist students.

1. Utilize the values and principles of Scrum
2. Identify roles, ceremonies, practices, and artifacts of agile projects
3. Demonstrate the tools and techniques to illustrate the agile value proposition
4. Teach through hands on workshop exercises
5. Develop the skills to lead agile teams

6. Rationale:

- *In a survey conducted by the ACC High Technology Institute, 86% of respondents listed project management skills as important for career advancement.*
- *Organizations benefit by having employees that can successfully manage more complex projects and have better risk identification and response procedures.*

7. Required Materials:

Required:

- *Agile Project Management with Scrum by Ken Schwaber, Microsoft Press, ISBN-10: 073561993X, ISBN-13: 978-0735619937.*

Recommended:

- None.

8. Evaluation

Work in this course will be evaluated as follows: [need update]

- *30% of your grade will be the average grade you receive from your team members.*
- *30% of your grade will be the average grade you receive from instructor evaluations.*
- *40% of your grade will be from three graded exams.*
- *You must attend at least 12 of 14 classes to be eligible for passing.*

A completion certificate worth 4.2 continuing education units (CEUs) will be awarded for a total course score of 70% or better, with minimum attendance. 4.2 CEU's are equivalent to 42 PMI Professional Development Units (PDU's).

Students are expected to arrive on time, stay for the entire class period, and actively participate in class by asking questions and sharing personal experiences. There will usually be a short break about half way through each evening's class time.

9. Course Outline

1, 2 & 3 - Introduction to agile

Remainder of class 3 - Course backlog creation, sizing, and release planning

End of class 3 - Take home exam

Classes 4-5, 6-7, 8-9, 10-11, 12-13 – 5 2-day Sprints

End of class 9 – Take home exam

Class 14 – Final exam in classroom and feedback