



IT3350 Agile Project Management

General Class Information

Instructor Name and Contact Information:

Mike Vito
mav9f@virginia.edu

Subject Area and Catalog Number:
IT 3350

Year and Term:
Fall 2016

Class Title:
Agile Project Management

Level (Graduate or Undergraduate):
Undergraduate

Credit Type:
Three semester hours

Class Description:

Introduces the principles of Agile Project Management and covers the frameworks and practices used by agile teams. The course explores innovative ways of gathering requirements, estimation, release planning, performance metrics, and scaling with the Agile Manifesto in mind. The course emphasizes software development but the principles can be applied to any type of project.

Required Texts:

1. Agile Project Management: Creating Innovative Products, Second Edition

By: Jim Highsmith

Publisher: Addison-Wesley Professional

Pub. Date: July 10, 2009

Print ISBN-10: 0-321-65839-6

Print ISBN-13: 978-0-321-65839-5

2. Agile Estimating and Planning

By: Mike Cohn

Publisher: Prentice Hall

Pub. Date: November 01, 2005

Print ISBN-10: 0-13-147941-5

Print ISBN-13: 978-0-13-147941-8

3. User Stories Applied: For Agile Software Development

By: Mike Cohn

Publisher: Addison-Wesley Professional

Pub. Date: March 01, 2004

Print ISBN-10: 0-321-20568-5

Print ISBN-13: 978-0-321-20568-1

Learning Outcomes:

The successful student will be able to:

- Describe agile project Management
- Compare agile project management to conventional project management
- Compare agile methodologies: Scrum, xP, Kanban, and Lean
- Explain the difference between agile and conventional requirements
- Describe the agile planning process
- Explain agile estimation
- Understand how to scale the agile framework

Assessment Components:

Grading will be based on online participation, homework exercises, and exams. The online participation will consist of group exercises and discussions that will be conducted via the Internet. The homework exercises will consist of questions about the readings and lecture. The following is a breakdown of each category by percent:

Participation:	20%
Homework Exercises:	50%
Midterm Exam	15%
Final Exam	15%

	100%

Delivery Mode Expectations:

This course will be conducted in a virtual classroom over the internet using UVACollab.

Required Technical Resources and Technical Components:

Students are expected to have access to a computer with a working connection to the internet and a web browser so that they can collaborate and turn in assignments online.