Agile Foundations with Scrum Syllabus

Q2-2018

# Instructor Information

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| Instructor | Email | Office Location & Hours |
| Emily Hall | Emily.Hall@KofC.org | Lean Coffee Sessions Schedule |

# General Information

## Description

Agile Foundations with Scrum is a weekly, one hour training session that combines seminar lectures and hands-on activities based on the Scrum Guide and the Manifesto for Agile Software Development. The weekly seminar will include recommended out of class reading and activities to create real-world experiences based on the learnings from each session.

Twice weekly Lean Coffee sessions will be offered as a vehicle to continue the discussion of topics covered in the training sessions. If you are unable to attend the Lean Coffee sessions, please schedule one on one time with me directly as needed.

## Expectations and Goals

The topics covered in the seminar will reflect the core learning objectives of the Scrum Alliance CSM and CSPO certification courses. The goal of the course is not to prepare you for the certification exams, but to provide you with a working knowledge of Agile principals so that you can participate in a Scrum team.

# Course Overview

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| --- | --- | --- | --- |
| Week | Topic | Reading | Exercises |
| 1 | Scrum Basics | [Scrum Guide](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/2017-Scrum-Guide-US.pdf)  [Agile Manifesto](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/Agile-Manifesto-Black-and-White.pdf)  [Agile Project Management Cheat Sheet](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/Agile%20Project%20Management%20for%20Beginners.pdf) |  |
| 2 | Scrum Roles: Part 1 | [4 Quadrants of Product Ownership](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/BA-Times+Article+-+4+Quadrants+of+Product+Ownership,+v1-1.pdf) | Roles Mapping |
| 3 | Scrum Roles: Part 2 |  | Team RACI |
| 4 | Scrum Ceremonies: Backlog Grooming Part 1 – Backlog Building | [How to Create a Product Backlog](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/How%20to%20Create%20a%20Product%20Backlog.pdf)  [Product Backlog Management--Tips from a Seasoned Product Owner](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/Product%20Backlog%20Management--Tips%20from%20a%20Seasoned%20Product%20Owner.pdf) | Backlog Building |
| 5 | Scrum Ceremonies: Backlog Grooming Part 2 – Story Deconstruction | [Backlog Grooming Tips Handout](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/BacklogGroomingTipsHandoutNov2013.pdf)  [KofC Product Backlog Grooming Story Decomposition Guide](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/Knights%20of%20Columbus%20Product%20Backlog%20Grooming%20Story%20Decomposition%20Guide.docx) | Story Deconstruction with Real Requirements |
| 6 | Scrum Ceremonies: Sprint Planning | [Demystifying Sprint Planning](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/Demystifying%20Sprint%20Planning.pdf) | Family Menu Planning |
| 7 | Scrum Ceremonies: Retrospectives | [Getting Value Out of Agile Retrospectives](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/gettingvalueoutofagileretrospectives-InfoQ-V20-20140710.pdf) | Course Retro |
| 8 | Scrum Culture and Values |  | Action Plan Review |

# Course Schedule

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| --- | --- | --- | --- | --- |
| Date | Time | Location | Section | Session |
| Tuesday, March 13 | 1:00 PM | Home Office, Charity | A | Session 1 |
| Wednesday, March 14 | 1:00 PM | Museum, Conference Room | B | Session 1 |
| Thursday, March 15 | 10:00 AM | Museum, Conference Room | C | Session 1 |
| Tuesday, March 20 | 1:00 PM | Home Office, Charity | A | Session 2 |
| Wednesday, March 21 | 1:00 PM | Museum, Conference Room | B | Session 2 |
| Thursday, March 22 | 10:00 AM | Museum, Conference Room | C | Session 2 |
| Tuesday, March 27 | 1:00 PM | Home Office, Charity | A | Session 3 |
| Wednesday, March 28 | 1:00 PM | Museum, Conference Room | B | Session 3 |
| Thursday, March 29 | 10:00 AM | Museum, Conference Room | C | Session 3 |
| Tuesday, April 3 | 1:00 PM | Home Office, Charity | A | Session 4 |
| Wednesday, April 4 | 1:00 PM | Museum, Conference Room | B | Session 4 |
| Thursday, April 5 | 10:00 AM | Museum, Conference Room | C | Session 4 |
| Tuesday, April 10 | 1:00 PM | Home Office, Charity | A | Session 5 |
| Wednesday, April 11 | 1:00 PM | Museum, Conference Room | B | Session 5 |
| Thursday, April 12 | 10:00 AM | Museum, Conference Room | C | Session 5 |
| Tuesday, April 17 | 1:00 PM | Home Office, Charity | A | Session 6 |
| Wednesday, April 18 | 1:00 PM | Museum, Conference Room | B | Session 6 |
| Thursday, April 19 | 10:00 AM | Museum, Conference Room | C | Session 6 |
| Tuesday, April 24 | 1:00 PM | Home Office, Charity | A | Session 7 |
| Wednesday, April 25 | 1:00 PM | Museum, Conference Room | B | Session 7 |
| Thursday, April 26 | 10:00 AM | Museum, Conference Room | C | Session 7 |
| Tuesday, May 1 | 1:00 PM | Home Office, Charity | A | Session 8 |
| Wednesday, May2 | 1:00 PM | Museum, Conference Room | B | Session 8 |
| Thursday, May 3 | 10:00 AM | Museum, Conference Room | C | Session 8 |

# Course Materials

## Prerequisite Required Reading

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| Session | Topic | Links to Reading |
| 1 | Scrum Basics | [Scrum Guide](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/2017-Scrum-Guide-US.pdf)  [Agile Manifesto](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/Agile-Manifesto-Black-and-White.pdf)  [Agile Project Management Cheat Sheet](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/Agile%20Project%20Management%20for%20Beginners.pdf) |
| 2 | Scrum Roles: Part 1 | [4 Quadrants of Product Ownership](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/BA-Times+Article+-+4+Quadrants+of+Product+Ownership,+v1-1.pdf) |
| 3 | Scrum Roles: Part 2 |  |
| 4 | Scrum Ceremonies: Backlog Grooming Part 1 – Backlog Building | [How to Create a Product Backlog](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/How%20to%20Create%20a%20Product%20Backlog.pdf)  [Product Backlog Management--Tips from a Seasoned Product Owner](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/Product%20Backlog%20Management--Tips%20from%20a%20Seasoned%20Product%20Owner.pdf) |
| 5 | Scrum Ceremonies: Backlog Grooming Part 2 – Story Deconstruction and Road Mapping | [Backlog Grooming Tips Handout](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/BacklogGroomingTipsHandoutNov2013.pdf)  [KofC Product Backlog Grooming Story Decomposition Guide](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/Knights%20of%20Columbus%20Product%20Backlog%20Grooming%20Story%20Decomposition%20Guide.docx) |
| 6 | Scrum Ceremonies: Sprint Planning | [Demystifying Sprint Planning](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/Demystifying%20Sprint%20Planning.pdf) |
| 7 | Scrum Ceremonies: Retrospectives | [Getting Value Out of Agile Retrospectives](http://ilink/its/agile/Agile%20Learning%20Center%20Document%20Library/AFS%20Materials/gettingvalueoutofagileretrospectives-InfoQ-V20-20140710.pdf) |
| 8 | Scrum Culture and Values |  |

# Additional Information and Resources

## Self-directed Learning Materials

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| --- | --- | --- | --- |
| Topic | Title | Summary | Link |
| Culture and Values | 5 Dysfunctions of a Team | A somewhat simplistic, but interesting perspective on the key components of high functioning teams. | Overview (2 minutes): <https://vimeo.com/223206311>  Trust (1 minute): <https://vimeo.com/234576496>  Conflict (1 minute): <https://vimeo.com/234576164>  Commitment (1 minute): <https://vimeo.com/234579646>  Accountability (1 minute): <https://vimeo.com/234575389>  Results (1 minute): <https://vimeo.com/234575090>  Lecture (1 hour): <https://vimeo.com/214103043> |
| Product Ownership | Product Ownership for Great Agile Teams |  | <https://vimeo.com/83327942> |
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