

GSAW 2024 Tutorial G: Half Day

Agile Approaches for Ground Systems

Overview:

Course Outline:

An overview of the Agile framework and an introduction to the Scrum development process. Common myths and misconceptions will be covered along with when and when not to use this Agile approach. How Agile is different in acquisitions and what can be expected both pre-award and post-award. How other federal government agencies are using Agile?

- Agile manifesto and principles
- Agile roles and responsibilities
- Agile milestones and battle rhythms
- Agile milestones and project planning
- Agile requirements and testing
- Agile for large scale programs
- Agile lessons learned on ground systems

Instructors:

Jason McKenney and Darren Callahan, The Aerospace Corporation

Biographies:

Jason McKenney is an Associate Director in the Software Systems and Acquisition Department at The Aerospace Corporation. He has more than 20 years of experience with software development, integration, and test activities. Most of his career has been spent with commercial firms developing software, designing continuous integration pipelines, and leading small teams. He has a B.S. in Telecommunications from the University of Kentucky, and an MBA from California State University – Dominguez Hills.

Darren Callahan is an EIS Agile Practices Manager at the Aerospace Corporation, specializing in team coaching and training. He has a B.S. in Education from Miami University, Ohio and a Masters in writing from Columbia College, Chicago, plus coursework from the American Management Association. He is a Certified Scrum Professional (CSP), a Kanban Coach, and Certified Scrum Product Owner, as well as certified in Scaled Agile SAFe 5.5. He has worked with The Aerospace Corporation since 2017, after stints as a VP, COO, Senior Leader, and Program Manager at large and small companies such as Met Property & Casualty, Monsanto, and several successful start-ups.

Description of Intended Audience and Recommended Prerequisites:

Geared toward individuals with moderate agile experience.

What can Attendees Expect to Learn:

Key principles of Agile approaches. Differences between Agile in the commercial industry and Agile for the Ground system.

Tutorials