Agile Academy for Government

Course Options for Public Sector

Embarking upon a digital transformation journey within government can be daunting, but our course offerings led by industry experts will equip your team with fluency in all aspects of modern software development within a government context--empowering them as product or system owners with full command of the skills needed to lead a world-class digital services product team.

Digital Foundations (1-Hour):

This introduction covers the basics of embracing cloud computing, user-centered design, and agile software development. Intended for mid-level career civil servants experienced with IT but needing a firm understanding of modern digital service ecosystems.

- Why cloud and agile?
- Cloud approaches: IaaS, PaaS, and SaaS
- Agile Software Development
- Intake Processes and Common Tools
- What is FedRAMP and how to achieve ATO
- What is UCD and DevOps
- Critical Team Roles and How They Work Together

System and Platform Ownership (1-Hour):

This introduction covers the basics of managing and securing a software-as-a-service system, overseeing licensing and contract performance, and interfacing with other critical team roles to get the job done.

- System Owner Definition and Role
- Intake Processes and Common Tools
- Managing Licensing and Vendors
- What is FedRAMP and Achieving ATO
- Performance Management and Metrics
- Critical Team Roles and How They Work Together

Agile Academy

delivered by:

580 Strategies

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(415) 915-4679
@580Strategies

Vitals:

- Class size: 8-25 students
- On-site classroom delivery preferred with remote delivery available
- Pricing available upon request based on capacity and class sizes

WORKING WITH US

580 Strategies LLC
1100 7th Street NE
Unit #3
Washington, DC 20002

Native-owned Small Business
Clearance Level: Top Secret

EIN: 82-1348679
DUNS: 080679759
CAGE: 7XUG2

NAICS: 611430

BOOTCAMPS

Our bootcamp offerings are designed as full or half-day deep-dive sessions that exhaustively explore the given set of topics. While the sessions can be mixed and matched, we recommend participants complete User Centered Design first and then Agile Product Management afterward to reinforce the value of determining the "*what*" to build through design principles and then using agile practices as the "*how*" to build the product.

"Your product's value is in what gets used, not what gets built.

— *Kristin Gale, Yammer*

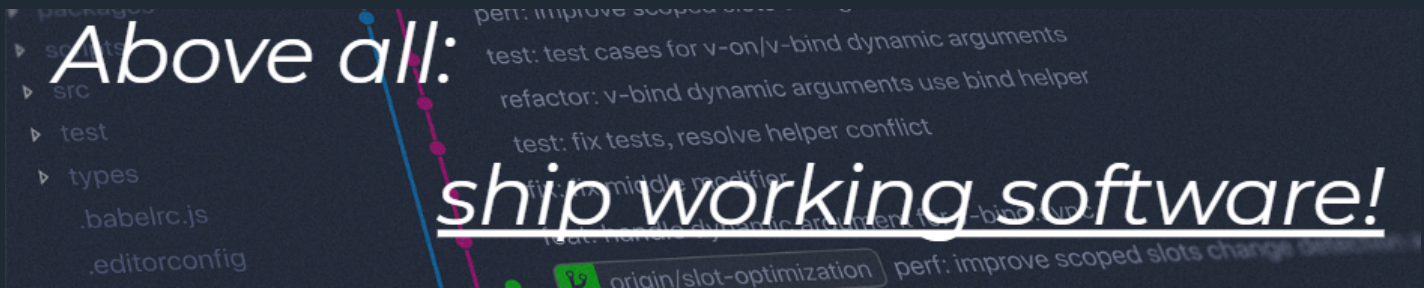## User Centered Design (UCD) Bootcamp Part I (4-hours):

The first half of the UCD Bootcamp explores design thinking and how to put the veteran at the heart of the product being developed. We teach you approaches to understanding the user and documenting those findings to build the best product possible for the intended audience.

- Introduction into Design Thinking
- Putting the User First with User Centered Design (UCD)
- Aligning with the U.S. Digital Service Playbook
- Exercise: Ideation of 100-Uses
- Understanding through User Research
- Exercise: Empathy Mapping
- Design Synthesis
- Using Problem Statements to Drive Solutioning

User Centered Design (UCD) Bootcamp Part II (4-hours):

The second half of the UCD Bootcamp builds upon what participants have learned and puts findings to work using best practice approaches to define what product to build, how to integrate with product teams, and how to measure the outcome of design efforts.

- User Workflow Diagramming
- Exercise: Persona Creation and Journey Mapping
- Exercise: Creating a Value Matrix for Features
- Defining Minimum Viable Product (MVP)
- Prototyping and Wireframing
- Exercise: Writing User Stories
- Integrating Design into Agile Frameworks and Product Teams
- User Research Board and Discovery Sprints
- Testing Hypothesis and Measuring Outcomes

Agile Product Ownership Bootcamp Part I (4-hours):

The first half of Agile Product Ownership Bootcamp comprehensively explains how product management and agile software development gets working software in the hands of users quickly. We examine agile values, balancing team roles, and creating product artifacts such as a roadmap, user stories, and backlogs to set the stage for agile development.

- Breaking the Cycle of Waterfall Projects with Agile
- The Agile Manifesto
- Comparing Project Management versus Product Management
- Product Team Composition, Key Roles, and Balance
- Exercise: Creating a Product Roadmap
- Exercise: Writing User Stories
- Managing Product Backlogs

Agile Product Ownership Bootcamp Part II (4-hours):

The second half of Agile Product Ownership Bootcamp guides participants through various agile frameworks to demonstrate the full lifecycle of an agile practice. Participants understand the mechanics of the frameworks, the value of agile ceremonies, and practice sizing, Sprint Planning, and facilitating a Daily Scrum. The Bootcamp concludes by covering metrics and performance management to ensure that teams gain increasing value out of the principles they've learned.

- Sizing Estimation and Story Points
- Exercise: Size Your User Stories
- Using Scaled Agile (SAFe) Principles
- Exercise: Plan Your Sprints/Program Increment
- Defining Minimum Viable Product (MVP)
- Understanding the Sprint Cycle
- Examining Agile Ceremonies and How to Lead Them
- Exercise: Facilitating a Daily Scrum
- Managing Team and Contract Performance

ADDITIONAL COURSES

Introduction to Digital Services for Executives (1-hour):

This condensed introduction for executives explains in plain-English the power of product management, user-centered, design, and agile software development. It equips executives to become champions within the organization to empower product teams and set a high-level vision for your digital services journey.

- Unlocking Product Teams with Cloud and Agile
- Cloud Approaches: IaaS, PaaS, and SaaS
- Critical Team Roles and How They Work Together
- Agile Software Development and Key Ceremonies
- What is FedRAMP and how to achieve ATO
- What is UCD and DevOps
- Performance Management and Metrics

Introduction to DevSecOps (1-hour):

This introductory course gives product teams an overview into best practice approaches and industry leading tools to bring the power of DevSecOps to bear on speeding up delivery and reducing risk within product development.

- Understanding the DevSecOps Cycle
- Critical Team Roles and How They Work Together
- Best Practices and Tool Recommendations:
    - Product Management Tasking
    - Database Management Tools
    - Language/Platform Specific Tools
    - Containerization and Unit Testing
    - Automated Testing
    - GitHub and Source Control
    - Infrastructure as Code
    - Measurement Tools
- Continuous Integration(CI) and Continuous Deployment (CD)
- Aligning with UCD, Agile, and Platforms
- Performance Management and Metrics

OUR TEAM

Rusty D. Pickens - Digital Services Expert

Rusty is the Founder of 580 Strategies, former Senior Advisor for Digital Platforms at the U.S. Department of State, and former Acting Director for New Media Technologies at the White House, where he led teams who operated cloud platforms for the Obama Administration to increase public engagement, improve user experience, enhance staff productivity, and heighten security posture. During this time, Rusty created new systems for and built new teams to lead Whitehouse.gov, the White House email outreach services, the Presidential correspondence system, the We The People petitions system, the White House Appointment Center, and the U.S. Embassy contact management systems.

Rusty's two decades of leadership experience aligning organizational vision with technology strategy across top federal agencies and start-up environments included the Federal Salesforce Community of Excellence, the U.S. Small Business Administration, the 2009 Presidential Inaugural Committee, Obama for America 2008, and the Chickasaw Nation of Oklahoma. He currently advises clients on unlocking the potential of cloud computing and agile software delivery to vastly improve their digital presence and citizen experience.

EXPERTISE / Executive Digital Strategy and Operations | Organizational Development | Budget/Contract Management | Agile Software Delivery | Infrastructure Architect | Large Scale Cloud Deployments

Peter Herr - Agilist and Product Manager

Product Leader, Agile Delivery Expert, and Consultant. Peter manages complex technology products across healthcare, music, travel, and government for both start-ups and enterprise. Peter is adept at scaling technology products and operations improving both margin and top-line growth.

EXPERTISE / Product management | Agile Software Delivery | Kanban Methods | Salesforce Administration | Data Analytics