Training: Micro Focus
AGL230 - Agile Boot Camp

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<th>FORM OF TRAINING</th>
<th>MATERIALS</th>
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<td>Hardcopy</td>
<td>USD 1440</td>
<td>2 days</td>
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<td>CTAB Tablet</td>
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LOCATIONS
Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm
Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:
Explore Software Agility from a Variety of Perspectives. There's more to Agile development than simply a different style of programming. That's often the easy part. An effective Agile implementation completely changes your methods for:

- Requirements Gathering
- Project Estimation and Planning
- Team Leadership
- Producing High Quality Software
- Working with Your Stakeholders and Customers
- Team Development

While not a silver bullet, the Agile framework is quickly becoming the most practical way to create outstanding software. This course explores the leading approaches of today's most successful Agile teams. You'll learn the basic premise and techniques behind Agile so you can apply them to your projects. Discover and Harness Strengths Across Various Methodologies Scrum, Extreme Programming, Lean, Feature Driven Development and other methods each have their strengths. While there are significant similarities under the Agile umbrella, each method brings specific tools for team success. Rarely do organizations adopt one methodology in its pure form. Rather, success is achieved by combining best practices. In class, you will work to define an approach for your unique needs.

Not just Methods and Approaches — You Get Real Hands-on Experience

The only way to Agile success is practice. In this two day Agile Boot Camp, you will put the skills, tools and techniques you are taught to work. The classroom will be broken up into Agile teams and an expert instructor will drive each team through the Agile process: from vision down to daily planning.
and execution. Your instructor will answer questions with real-world experience, as all of our instructors have Agile experience “in the trenches.” You will leave the class with practical knowledge and a clear roadmap for success.

In this course you will:

- Maintain regular cadence when delivering working software iterations
- Follow the Agile team approach — start as a team, finish as a team
- Maintain a context for Agile team principles and their importance
- Build a backlog of prioritized stories to provide emergent requirements
- Engage in more effective estimating (story points) with more accuracy
- Pull together Agile release plans that constantly connect to expectations
- Discover how to apply an Agile approach in a waterfall organization
- Apply Agile testing strategies based on unit and acceptance testing
- Craft a tailored adoption strategy for your own organizational culture
- Avoid the top mistakes of Agile rollouts

Key Course Benefits:

- Apply Agile principles and best practices from across methodologies
- Discover how to conduct Agile Retrospectives for continuous adaptation
- Develop Agile requirements with powerful user stories
- Understand and appreciate the value of “maximizing work not done”
- Learn different approaches to Agile architectures and designs that support more Incremental and emergent projects
- Transform your estimating practices to give executives and customers what they need more easily and more accurately
- Identify pitfalls and failure potential of poorly disciplined Agile teams
- Learn to adopt Agile practices within your existing framework
- Use Scrum Planning Poker to develop story points
- Get practice organizing your group into a self-managed team
- Learn to empower your team to be responsible for total project success
- Conduct exercises in a real-world Agile development unit — see firsthand how roles mingle together to get the work done
- Using a Scrum backdrop, acquire techniques for scaling Agile
- Use velocity-driven planning to support fixed date/fixed price environments
- Order your user stories into themes that encompass architecture and feature development in a value-based manner
- Learn to adapt from a plan-driven approach to continuous planning
- Discuss tools and techniques specific to your organization’s environment
○ Practice coaching and communicating as a ScrumMaster, and leverage the differences between a ScrumMaster and a traditional Project Manager
○ Eliminate divides between the development team and customer team by creating shared goals for project success beyond contractual requirements
○ Make the first hands-on Agile experience a classroom experience, not a production experience

Audience/Job Roles:
Because this is an immersion course and the intent is to engage in the practices every Agile team will employ, this course is recommended for all team members responsible for delivering outstanding software including:

○ Business Analyst
○ Technical Analyst
○ Project Manager
○ Software Engineer
○ Programmer
○ Development Manager
○ Product Manager
○ Product Analyst
○ Tester
○ QA Engineer
○ Documentation Specialist

CONSPECT:

○ Agile Introduction and Overview
  ○ Why Agile
  ○ Agile Methods
  ○ Agile Benefits
  ○ Agile Basics: Understanding the Lingo

○ Forming the Agile Team
  ○ Team Roles
  ○ Process Expectations
  ○ Self-Organizing Teams: Where Flexibility Exists
  ○ Communication: Inside And Out
  ○ Team Exercise

○ Product Vision
  ○ Five Levels of Planning in Agile
  ○ Vision
Roadmap
Release
Iteration
Daily
Importance of Product Vision
Creating and Communicating Vision
Team Exercise

Focus on the Customer
User Roles
Customer Personas
Customer Participation
Team Exercise

Creating a Product Backlog
User Stories
Acceptance Tests
What Makes a Good Story (sizing and substance)?
Story Writing Workshop
Team Exercise

Product Roadmap
Product Themes
Importance of Focus
Creating the Roadmap
Communication
Maintaining the Roadmap
Team Exercise

Prioritizing the Product Backlog
Methods for Prioritizing
Building Trust
Expectations for Prioritizing Stories
Team Exercise

Estimating
Actual vs. Relative Estimating
Story Points
Planning Poker
Estimating Team Velocity
Team Exercise
● Release Planning
  ○ Utilizing Velocity
  ○ Continuous Integration
  ○ Regular Cadence
  ○ Team Exercise

● Story Review
  ○ Getting to the Details
  ○ Methods
  ○ Keeping Cadence
  ○ Team Exercise

● Iteration Planning
  ○ Task Breakdown
  ○ Time Estimates
  ○ Definition of “Done”
  ○ Active Participation
  ○ Team Exercise

● Iteration Execution
  ○ Collaboration: Value Individuals and Interactions
  ○ Communication
  ○ Daily Standup (Scrum)
  ○ Task boards
  ○ Cadence
  ○ Team Exercise

● Measuring and Communicating Progress
  ○ Actual Effort and Remaining Effort
  ○ Burndown Charts
  ○ Tools and Reporting
  ○ Your Company Specific Measures
  ○ Team Exercise

● Iteration Review and Demo
  ○ Iteration Review
  ○ Demos: a Change from the Past

● Retrospectives
  ○ What We Did Well
  ○ What Did Not Go So Well
  ○ What Will We Improve
Bringing it all Together
  - Process Overview
  - Transparency
  - Cadence
  - Team Roadmap
  - Team Exercise

REQUIREMENTS:

The International Consortium for Agile has worked with experts around the world to develop an education roadmap of training and certification for all specialties involved in Agile development. This course has been approved and earns all students the Agile Certified Professional designation upon completion of the course.

Also the participants will obtain certificates signed by Micro Focus (course completion).

Difficulty level

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TRAINER:

Authorized Micro Focus Trainer