



## AGILE AND LEAN CURRICULUM

Learn from experience forged on high-stake projects

### BE TRAINED BY AGILE AWARD WINNERS\*

Do you need an intensive introduction, hands-on practice, or something tailor-made? All our training is created from this baseline curriculum. If you are interested in a subject that is not listed here, ask us about it anyway. Give us a call on +44 (0)20 7691 8933.

#### ★ Introduction

- Values and principles of being agile
- Introduction to Scrum, Extreme Programming, Kanban, TOC, Lean and Systems Thinking
- Common myths and folklore

#### ★ Organization and culture

- Cross-functional teams
- Roles, responsibilities and skills
- Self-organization, leadership and facilitation
- Collaboration, collocation and feedback
- Participatory decision-making and consensus
- Group dynamics, behaviors and norms
- Single- and double-loop learning

#### ★ Starting Up

- Chartering and Futurespectives
- Iteration Zero and the first release

\* Energized Work won the 2009 Agile Alliance Gordon Pask Award for contributions to agile practice.

#### ★ User Stories

- Cards, conversations and confirmation
- Mapping users, activities, tasks and features
- Writing stories and acceptance criteria
- Iterating with feature richness

#### ★ Planning

- Value models
- Adaptive planning techniques
- Options and the last responsible moment
- Creating and managing the backlog
- Prioritization techniques
- Estimation techniques and units
- Slack

#### ★ Building

- Flow, throughput, inventory, work-in-process
- Information radiators and big visual charts
- Kanban board
- Daily stand-ups and showcases
- Stopping the line to fix defects
- Technical debt

#### ★ Baking Quality In

- Vertical slicing
- Pair-programming and rolling ownership
- Done and acceptance criteria
- Test-driven development
- Continuous integration
- Exploratory testing and UX in an agile team

#### ★ Releasing

- Continuous deployment and release cadence
- Autonomation

#### ★ Continuous Improvement

- Kaizen and Kaikaku
- Waste, variation and bottlenecks
- Scientific method, Deming's Plan-Do-Check-Act
- Timeouts, quality circles and retrospectives

#### ★ Product Streams

- Value streams and effectiveness
- Program management, budgeting, investment

#### ★ Individual Effectiveness

- Flow time and multi-tasking
- Pomodoro Technique

### PRACTICAL SESSIONS

We use activities, simulations, games and challenges to help people learn by doing.

**Call us on +44 (0)20 7691 8933**

**Email us at [thelab@energizedwork.com](mailto:thelab@energizedwork.com)**

