



Agile Modeling

فلاصه : یک متدولوژی عملگرا برای مدلسازی و مستند سازی سیستم های نرم افزاری است. در این دوره مفاهیم، اصول، نمونه عملیاتی ساختن آن و نحوه استفاده آن در فرآیندهای XP,UP آموزش داده می شود.

مدت دوره: ۳۰ ساعت

پیش نیاز: آشنایی با مفاهیم مهندسی نرم افزار و آشنایی با UML و آشنایی با RUP

سر فصل دوره:

Part 1: Introduction to Agile Modeling

- Introduction
- Values
- Core Principles
- Supplementary Principles
- Core Practices
- Supplementary Practices
- How the AM Practices Fit Together

Part 2: Agile Modeling in Practice

- Communication
- Nurturing an Agile Culture
- Using the Simplest Tools Possible
- Agile Work Areas
- Agile Modeling Teams
- Agile Modeling Sessions
- Agile Documentation
- The UML and Beyond

Part 3: Agile Modeling and eXtreme Programming (XP)

- Setting the Record Straight
- Agile Modeling and Extreme Programming
- Agile Modeling Throughout the XP Lifecycle
- Modeling During the XP Exploration Phase
- Modeling During an XP Iteration: Searching For Items
- Modeling During an XP Iteration: Totaling an Order

Part 4: Agile Modeling and the Unified Process (UP)

- Agile Modeling and the Unified Process
- Agile Modeling Throughout the UP Lifecycle
- Agile Business Modeling
- Agile Requirements
- Agile Analysis and Design
- Agile Infrastructure Management
- Adopting AM on an UP project

Part 5: Conclusion

- Adopting Agile Modeling -or- "Overcoming Adversity"
- Conclusion: Choose to Succeed

