

OMG OCUP2 UML 2.5 Certification - Advanced Exam Preparation

Table of Content

Module 1: Common Structure

- Templates
- Profiles

Module 2: Classification

- Classifiers
- Classifier Templates

Module 3: Structured Classifiers

- Associations
- Collaborations
- Components
- Deployments
- Artifacts

Module 4: Common Behavior

- Behaviors - Reentrant
- FunctionBehavior
- Events - Event pool

Module 5: State Machines

- Behavior StateMachines
- StateMachine Redefinition
- Protocol StateMachines

Module 6: Activities

- Activities
- Control Nodes

- Object Nodes
- Executable Nodes
- Exception
- Activity Groups

Module 7: Actions

- Invocation Actions
- Object Actions – ValueSpecificationActions
- AcceptEventActions
- Structured Actions – RaiseExceptionActions

Module 8: Interactions

- Interactions
- Lifelines
- Messages
- Occurrences
- Fragments
- Interaction Uses
- Interaction Overview Diagrams

Module 9: The MOF and Metamodeling

- Architectural alignment
- Models and what they model
- The semantics of languages, models, and metamodels
- The MOF

Module 10: fUML

- Scope
- Terms and Definitions
- Overviews of Abstract Syntax and Execution Model
- Behavioral Semantics

Module 11: Alf

- Scope
- Semantic Conformance
- Integration with UML Models
- Lexical Structure