

# Examination Matters



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## General Expectation of Exam

- ◆ *Professional understanding* of object-oriented analysis and design of systems .

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## Detailed Expectations

### *Basics*

- ◆ Knowledge of UML
- ◆ Knowledge of CSP

*However, knowing the basics does **not** make you a professional .*

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## Detailed Expectations

### *Understanding of Analysis Process*

- ◆ What exactly is a use case
- ◆ How to identify classes

*Don't invent user requirements*

*Are use cases or classes more important ?? .*

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## Detailed Expectations

### Understanding OO Design Process

- ◆ How analysis use cases differ from design use cases
- ◆ Categorizing the classes
- ◆ How to draw communication diagrams

*Don't over-emphasize what messages are high level .*

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## Detailed Expectations

### Understanding Dynamic Modelling Process

- ◆ How to prepare state machines from sequence diagrams

*Process is important*

*How state machines relate with sequence diagrams is also important .*

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## Detailed Expectations

### Appreciation of Formal Methods

- ◆ *Why* UML fails in certain scenarios
- ◆ *How* CSP helps .

*The "why" is important*

*Help yourself by explaining your formal specification*

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## Time Management

- ◆ 2 hours = 120 minutes
- ◆ About *1 minute* for each target mark
- ◆ Concentrate on *major* aspects, and ignore *minor* details

*You don't need 100% to score an A*

*But don't skip a complete question .*

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That's All, Folks

Thank You

