



SESSION PLAN

Laboratory

(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
#: AE-S316	Title: Information system Design

SESSION PARTICULARS		
#: ...1...	Introduction to Object Orientation	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Overview of OOAD methodology
2	Overview of UML
3	Getting started with Rational Rose
4	Creating a model file for a project
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MPC3/3-1

Prepared by :

Name: Mrs. Asser Hassan

Sign:

Date: 1/7/2010

Approved by :

Name: Dr. Walid Abd El Moez

Sign:

Date: 1/7/2010



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COURSE PARTICULARS

#: AE-S316	Title: Information system Design
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SESSION PARTICULARS

#: ...2...	Title: Fundamentals of Object orientation	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	The Object Paradigm
2	Advantages of Object Orientation
3	Objects
4	Identifying Objects
5	Attributes
6	Methods
7	Method Overriding
8	Object State
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15	

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SESSION PARTICULARS

#: ...3...	Title: Fundamentals of Object orientation	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Classes
2	Data Abstraction and Encapsulation
3	Inheritance
4	Polymorphism
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15	

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SESSION PARTICULARS

#: ...4...	Title: Use case diagrams	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Use case diagrams
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COURSE PARTICULARS	
#: AE-S316	Title: Information system Design

SESSION PARTICULARS		
#: ...5...	Title: CRC / Scripts / Class Diagrams.	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	CRC Cards
2	Scripts
3	Class Diagrams
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15	

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COURSE PARTICULARS

#: AE-S316	Title: Information system Design
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SESSION PARTICULARS

#: ...6...	Title: 7 th Week Exam.	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	7th Week Exam
2	
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COURSE PARTICULARS

#: AE-S316	Title: Information system Design
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SESSION PARTICULARS

#: ...7...	Title: Class Diagrams. Cont.	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Class Diagrams
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COURSE PARTICULARS	
#: AE-S316	Title: Information system Design

SESSION PARTICULARS		
#: ...8...	Title: State chart Diagrams.	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	State chart Diagrams
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15	

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COURSE PARTICULARS

#: AE-S316	Title: Information system Design
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SESSION PARTICULARS

#: ...9...	Title: Activity Diagrams	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Activity Diagrams
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14	
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#: AE-S316	Title: Information system Design
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SESSION PARTICULARS

#: ...10...	Title: Collaboration Diagrams	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Collaboration Diagrams
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14	
15	

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COURSE PARTICULARS	
#: AE-S316	Title: Information system Design

SESSION PARTICULARS		
#: ...11...	Title: Sequence Diagrams	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Sequence Diagrams
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15	

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COURSE PARTICULARS	
#: AE-S316	Title: Information system Design

SESSION PARTICULARS		
#: ...12...	Title: Comprehensive Exercises.	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Comprehensive Exercises
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15	

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COURSE PARTICULARS	
#: AE-S316	Title: Information system Design

SESSION PARTICULARS		
#: ...13...	Title: Project Pre-Evaluation.	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Project Pre-Evaluation
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15	

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#: AE-S316	Title: Information system Design
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SESSION PARTICULARS

#: ...14...	Title: Project Evaluation.	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Project Presentation
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SESSION PARTICULARS

#: ...15...	Title: Final exam.	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Final exam
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15	

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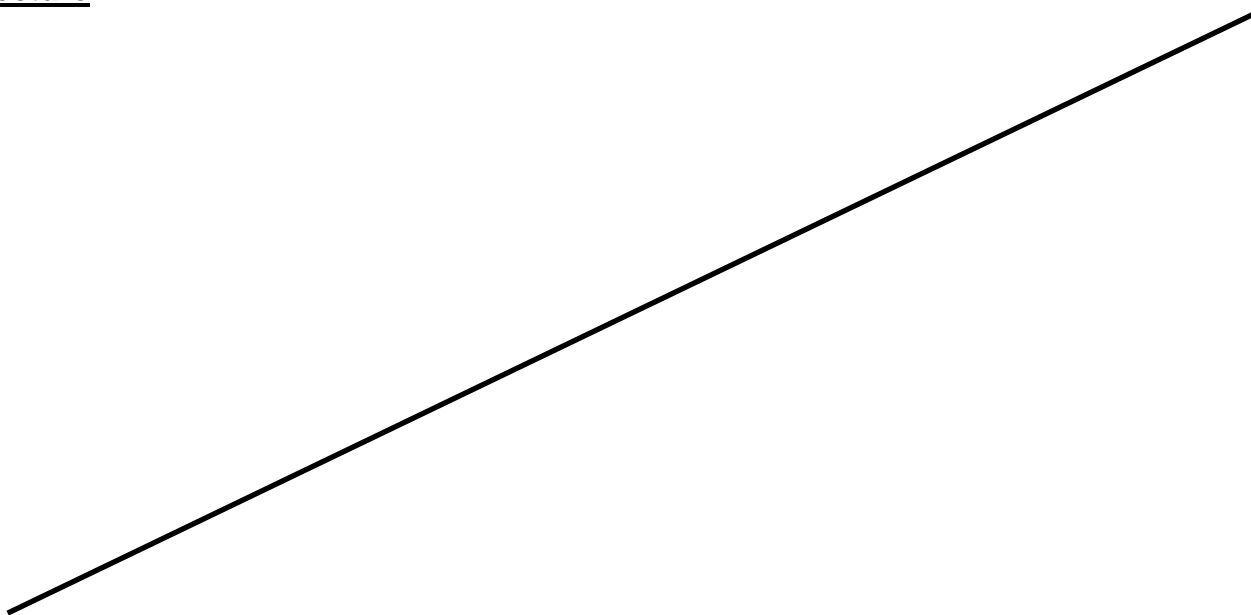
Approved by :

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Lecture



Tutorial / laboratory / Workshop (Delete as required)

Source Material:

Rational Rose

Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section

As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.

Lab Sheets for every section

Practical Assignments