



SESSION PLAN

***Lecture / Tutorial / Laboratory / Workshop**

(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
#:AE- S 415.....	Title: Decision Support Systems

SESSION PARTICULARS		
#: ...1...	Title: Management Support Systems overview	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Information Systems and Business Intelligence
2	Mangers and Decision making
3	Problem Types
4	Support Systems

Prepared by:

Designation: Course Coordinator

Name: Dr. Walid Abdel Moez

Sign:

Date: 1/9/2010

Approved by:

Designation. Program Manager

Name: Dr. Walid Abdel Moez

Sign:

Date: 1/9/2010

Lecture

Source Material : Text Book + Slides

Efraim Turban and Jay Aronson. Decision Support and Intelligent Systems, 7th Edition, 2005. Prentice Hall, New Jersey. ISBN: 0-13-032723-9

Supplementary Material : Projector, white board, Data Show.

Educational Resources : Handouts, presentations, assignments.

Tutorial / laboratory / Workshop (Delete as required)

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SESSION PARTICULARS

#: ...4...	Title: Modeling and Analysis	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Types of Models
2	Levels of Models
3	Decision Tables
4	Simulation

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SESSION PARTICULARS

#: ...6...	Title: Group DSS (GDSS)	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Making Decisions in Groups
2	Supporting Group work with Computerized Systems
3	Creativity, Idea Generation, and Computerized Support

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SESSION PARTICULARS

#: ...8...	Title: Business Intelligence	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Introduction to Business Intelligence
2	Characteristics of Business Intelligence
3	Structure and Components of Business Intelligence

Prepared by:

Designation: Course Coordinator

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Sign:

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SESSION PARTICULARS

#: ...9...	Title: Data Warehousing	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Data Warehousing Definitions and Concepts
2	Data Warehousing Process
3	Data Warehousing Architecture
4	Data Warehousing Development
5	Real-Time Data Warehousing

Prepared by:

Designation: Course Coordinator

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SESSION PARTICULARS

#: ...10...	Title: Knowledge Management	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Introduction to Knowledge Management
2	Organizational learning and transformation
3	Types of Knowledge

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Sign:

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SESSION PARTICULARS

#: ...12...	Title: Knowledge Representation	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Rules
2	Semantic Networks
3	Frames

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SESSION PARTICULARS

#: ...13...	Title: Artificial Intelligence and Expert Systems	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Concepts and Definitions of AI
2	Concepts of Expert Systems
3	Development of Expert Systems
4	Benefits, Limitations, and Success factors of Expert Systems

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SESSION PARTICULARS

#: ...14...	Title: Artificial Neural Networks (ANN)	Hrs: 2
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LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Basic Concepts of Neural Networks
2	Learning in ANN
3	Developing Neural Network-Based Systems

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