

College/Institute/Centre : Management & Technology

Department of : ...BIS.....

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

<u>Lecture</u>
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)

I

Session Particulars		
#:2	Title: Decision Making Systems	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*		
#	Outcome Description	
1	Systems	
2	Models	
3	Decision Making Process	

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

1 of 2 MPC3/3-1

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.

Tutorial / laboratory / Workshop (Delete as required)	

	Session Particulars	
#:3	Title: Decision Support Systems	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*		
#	Outcome Description	
1	What is DSS	
2	DSS Characteristics and Capabilities	
3	DSS Components	
4	DSS Subsystems	

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

1 of 2 MPC3/3-1

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.

Tutorial / laboratory / Workshop (Delete as required)		
Tutorial / laboratory / Workshop (Delete as required		

	Session Particulars	
#:4	Title: Modeling and Analysis	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*		
#	Outcome Description	
1	Types of Models	
2	Levels of Models	
3	Decision Tables	
4	Simulation	

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

1 of 2 MPC3/3-1

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.

Tutorial / laboratory / Workshop (Delete as required)	

	Session Particulars	
#:5	Title: Modeling and Analysis	Hrs: 2

	LEARNING OUTCOMES / ABILITIES GAINED*
#	Outcome Description
1	Payoff Tables
2	Linear Programming
3	Dynamic Programming

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

1 of 2 MPC3/3-1

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.

Tutorial / laboratory / Workshop (Delete as required	n l
Tutorial / laboratory / Workshop (Delete as required	

Session Particulars		
#:6	Title: Group DSS (GDSS)	Hrs: 2

	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

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

1 of 2 MPC3/3-1

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.

Tutorial / laboratory / Workshop (Delete as required)	

Session Particulars		
#:7	Title: DSS mid-term exam	Hrs: 2

	LEARNING OUTCOMES / ABILITIES GAINED*
#	Outcome Description
1	EXAM

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

1 of 2 MPC3/3-1

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.

Tutorial / laboratory / Workshop (Delete as required)	
<u></u>	
2 of 2	

Session Particulars		
#:8	Title: Business Intelligence	Hrs: 2

	LEARNING OUTCOMES / ABILITIES GAINED*
#	Outcome Description
1	Introduction to Business Intelligence
2	Characteristics of Business Intelligence
3	Structure and Components of Business Intelligence

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

1 of 2 MPC3/3-1

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.

Tutorial / laboratory / Workshop (Delete as required)	

	Session Particulars	
#:9	Title: Data Warehousing	Hrs: 2

	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

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

1 of 2 MPC3/3-1

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.

Tutorial / laboratory / Workshop (Delete as required)
2 of 2

MPC 3/3-1

	Session Particulars	
#:10	Title: Knowledge Management	Hrs: 2

	LEARNING OUTCOMES / ABILITIES GAINED*
#	Outcome Description
1	Introduction to Knowledge Management
2	Organizational learning and transformation
3	Types of Knowledge

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

1 of 2 MPC3/3-1

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.

Tutorial / laboratory / Workshop (Delete as required)	

	Session Particulars	
#:11	Title: Knowledge Management Cont.	Hrs: 2

	LEARNING OUTCOMES / ABILITIES GAINED*
#	Outcome Description
1	Knowledge Management Activities
2	Knowledge Management Systems
3	Role of people in Knowledge Management
4	Ensuring success of Knowledge Management Efforts

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

1 of 2 MPC3/3-1

<u>Lecture</u>

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.		
Ladoutional Rosoulocs i Handouts, presentations, assignifications.		
Tritonial / Jak anatomy / Wontrak and / Doloto and nonvived)		
Tutorial / laboratory / Workshop (Delete as required)		

	Session Particulars	
#:12	Title: Knowledge Representation	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*		
#	Outcome Description	
1	Rules	
2	Semantic Networks	
3	Frames	

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

1 of 2 MPC3/3-1

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.		
Ladoutional Rosoulocs i Handouts, presentations, assignifications.		
Tritonial / Jak anatomy / Wontrak and / Doloto and nonvived)		
Tutorial / laboratory / Workshop (Delete as required)		

	Session Particulars	
#:13	Title: Artificial Intelligence and Expert Systems	Hrs: 2

	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

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

1 of 2 MPC3/3-1

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.

Tutorial / laboratory / Workshop (Delete as required)	
<u></u>	
2 of 2	

	Session Particulars	
#:14	Title: Artificial Neural Networks (ANN)	Hrs: 2

	LEARNING OUTCOMES / ABILITIES GAINED*
#	Outcome Description
1	Basic Concepts of Neural Networks
2	Learning in ANN
3	Developing Neural Network-Based Systems

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

1 of 2 MPC3/3-1

<u>Lecture</u>

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.

Tutorial / laboratory / Workshop (Delete as required)	
Tutorial / laboratory / Workshop (Belete as required)	

	Session Particulars	
#:15	Title: Case Studies	Hrs: 2

	LEARNING OUTCOMES / ABILITIES GAINED*
#	Outcome Description
1	DSS case
2	GDSS case
3	KBS case
4	Open discussion

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

1 of 2 MPC3/3-1

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.

Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)

	Session Particulars	
#:16	Title: DSS FINAL EXAM	Hrs: 2

	LEARNING OUTCOMES / ABILITIES GAINED*
#	Outcome Description
1	EXAM

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

1 of 2 MPC3/3-1

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)	