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## SESSION PLAN

### Lecture

#### COURSE PARTICULARS

CR317	Title: Information Retrieval
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#### SESSION PARTICULARS

#: 4	Title: Exercises on Query Languages	Hrs: 2Hrs
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#### LEARNING OUTCOMES / ABILITIES GAINED\*

#	Outcome Description
1	<b>Keyword-Based Querying</b>
2	Single Word Queries
3	Context Queries
4	Boolean Queries
5	Natural Language
6	<b>Pattern Matching</b>
7	Simple Patterns
8	Allowing Errors
9	Regular Expressions
10	<b>Structural Queries</b>
11	Fixed Structure
12	Hypertext
13	Hierarchical Structure
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**Prepared by:**

Designation: Course Coordinator

Name: Ms. Lamiaa Mostafa

Sign

Date: 15/8/2010

**Approved by:**

Designation: Program Manager

Name: Dr. Walid Abdelmoez

Sign

Date: 15/8/2010

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 Department of: Business Information Systems

## SESSION PLAN

### Lecture

COURSE PARTICULARS	
CR317	Title: Information Retrieval

SESSION PARTICULARS		
#: 11	Title: Visualization and User Interface	Hrs: 2Hrs

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	<b>Human-Computer Interaction</b>
2	Design Principles
3	The Role of Visualization
4	Evaluating Interactive Systems
5	<b>Information Access Process</b>
6	Models of Interaction
7	Non-Search Parts of the Information Access Process
8	<b>Starting Points</b>
9	Lists of collections
10	Overviews
11	Examples, Dialogs, and Wizards
12	Automated Source Selection
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#### COURSE PARTICULARS

CR317	Title: Information Retrieval
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#### SESSION PARTICULARS

#: 12	Title: Visualization and User Interface	Hrs: 2Hrs
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#### LEARNING OUTCOMES / ABILITIES GAINED\*

#	Outcome Description
1	<b>Query Specifications</b>
2	Boolean Queries
3	Command Line, Forms and Menus
4	Faceted Queries
5	Phrases and Proximity
6	Natural Language and Free Text Queries
7	<b>Context</b>
8	Document Surrogates
9	Query Term Hit within Document Content
10	Query Term Hits between Documents
11	Using Hyper Links to organize Retrieval Results
12	Tables
13	<b>Using Relevance Judgements</b>
14	<b>Example Systems</b>
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## SESSION PLAN

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COURSE PARTICULARS	
EC115(CR111)	Title: Discrete Mathematics

SESSION PARTICULARS		
#: 15	Title: Revision	Hrs: 2Hrs

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	<b>Revising the following Ideas:</b>
2	Information Retrieval and Data Mining
3	Strategies and Algorithms from AI and IR
4	Clustering and Ranking in Web Search
5	The Unknown Web Search Engines
6	Web 2.0 and new ways for Searching the Web
7	Privacy in Web Search
8	Web Recommender System
9	Social Networking and Searching Human Roles
10	Future of User Interfaces
11	IR in Medical Informatics
12	Developing a small Web Search Engine (Programming)
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