Syrian Arab Republic		الجمهورية العربية السورية
Ministry of Higher Education		وزارة التعليـم العالـــــي
Syrian Virtual University		الجامعة الافتراضية السورية

Course Definition:

1- Basic Information:

Course Name	Man machine interface
Course ID	MI
Contact Hours (Registered Sessions)	
Contact Hours (Synchronized Sessions)	18
Mid Term Exam	Non
Exam	
Registered Sessions Work Load	
Synchronized Session Work Load	36
Credit Hours	3

2- Pre-Requisites:

Course	ID
Computer skills	CS

3- Intended Learning Outcomes (ILO):

Code	Intended Learning Outcomes
ILO1	Interactive interface, utility, usability
ILO2	Man machine interaction, Interactive interface language, articulatory distance, semantic distance
ILO3	User's interface task analysis
ILO4	Use task analysis results
ILO5	Modeling and characterization of interactive interfaces
ILO6	Cognitive psychology.
ILO7	Info Ergonomics
ILO8	Evaluating User Interfaces

4- Course Syllabus (18 hours of total synchronized sessions)

- **RS:** Recorded Sessions**; SS:** Synchronized Sessions**;**

ILO	Course Syllabus	RS	SS	Type	Additional Notes
ILO1	• Interactive interface • Utility • Usability • Interactive interface's importance		1.5	assignments	Exercises
ILO2	• Man machine interaction • semantic distance • articulatory distance		1.5	assignments	Exercises
ILO3	• task analysis • task levels • task analysis inputs • task analysis results • an example of task analysis		3	assignments	Exercises
ILO4	• Interaction methods • Structure of the dialogue • Data structure • Structure of procedures		3	assignments	Exercises

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	• Sequence of procedures			
ILO5	• Interface design stages • Interface modeling • Design model • Logical model • Physical model	1.5	assignments	Exercises
ILO6	• Cognitive Ergonomics5 (adaptation) • Cognitive Psychology • Cognitive system	3	assignments	Exercises
ILO7	• Interactive interface quality standards • Principles of interactive interface design • Ergonomics5 (adaptation) Guidelines	3	assignments	Exercises
ILO8	• Evaluation in the presence of users • Evaluation without user presence • Evaluation plan • 2Exploration tests	1.5	assignments	Exercises

5- Assessment Criteria (Related to ILOs)

ISC	Interactive Synchronized Collaboration	Ex	Exams	Rpt	Reports
PF2F	Presentations and Face-to-Face Assessments	PW	Practice Work		

ILO Code	ILO	Intended Results	Assessment Type				
			ISC	PW	Ex	PF2F	Rpt
ILO1	Interactive interface, utility,		✓	✓	✓		✓

	usability						
ILO2	Man machine interaction, Interactive interface language, articulatory distance, semantic distance		✓	✓	✓		✓
ILO3	User's interface task analysis		✓	✓	✓		✓
ILO4	Use task analysis results		✓	✓	✓		✓
ILO5	Modeling and characterization of interactive interfaces		✓	✓	✓		✓
ILO6	Cognitive psychology.		✓	✓	✓		✓
ILO7	Info Ergonomics		✓	✓	✓		✓
ILO8	Evaluating User Interfaces		✓	✓	✓		✓