

Institution:	College of Sciences and Humanities in Ghat
Academic Department :	Business Administration
Programme :	Management Information System
Course :	System Analysis and Design.
Course Coordinator :	D. Walid Qassim Qwaider
Programme Coordinator :	D. Walid Qassim Qwaider
Course Specification Approved Date :	4/ 1 / 1436 H

#### A. Course Identification and General Information

1 - Course title :	System Analysis and Design.	Course Code:	313 MIS
2. Credit hours :	( 3)		
3 - Program(s) in which the course is offered:		MIS	
4 – Course Language :	English		
5 - Name of faculty member responsible for the course:		D. Walid Qassim Qwaider	
6 - Level/year at which this course is offered :		Year(3)	
7 - Pre-requisites for this course (if any) :	Management Information System (201 MIS).		

8 - Co-requisites for this course (if any) :

9 - Location if not on main campus:

( )

10 - Mode of Instruction (mark all that apply)

A - Traditional classroom	<input type="checkbox"/>	What percentage?	<input type="text" value="100 %"/>
B - Blended (traditional and online)	<input type="checkbox"/>	What percentage?	<input type="text" value="..... %"/>
D - e-learning	<input type="checkbox"/>	What percentage?	<input type="text" value="..... %"/>
E - Correspondence	<input type="checkbox"/>	What percentage?	<input type="text" value="..... %"/>
F - Other	<input type="checkbox"/>	What percentage?	<input type="text" value="..... %"/>

Comments :

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## B Objectives

**What is the main purpose for this course?**

Knowledge of the role of systems and Cefath- life cycle analyst Alniz- feasibility study of the system and then analyze the systems and methods of collection requirements Almalomat- process design input and output, and database design and interface Almstkhadmin- roads and relations in the development of Alniz- phases of systems development - assessment and selection systems - practical situations in systems development .

**Briefly describe any plans for developing and improving the course that are being implemented :**

-Courses are periodically reviewed by the department in the college to make sure to keep pace of developments in the specialty in terms of modernity and its responsiveness to the labor market.

- The use of modern references.
- A review of the requirements of the labor market.
- Compatibility with what they offer similar educational institutions in the same specialty.
- Observer of scientific conferences and specialized workshops.

## C. Course Description

### 1. Topics to be Covered

List of Topics	No. of Weeks	Contact Hours
Essentials Systems Analysis and Design	1	3
System Development Environment	2	3
Foundations for systems development	3	3
System planning and selection	4	3
Systems analysis	5	3
Determining system requirements	6	3
Process Modeling	7	3
Structuring system requirements	8	3
Conceptual data modeling	9	3
Systems design	10	3
Designing the human interface	11	3
Designing Database	12	3
Systems implementation and operations	13	3
Case study	14	3

Review	15	3
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**2. Course components (total contact hours and credits per semester):**

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
<b>Contact Hours</b>	<b>45</b>	.....	.....	.....	.....	45
<b>Credit</b>	.....	.....	.....	.....	.....	45

**3. Additional private study/learning hours expected for students per week.**

45
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**4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy**

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
<b>1.0</b>	<b>Knowledge</b>		
<b>1.1</b>	Get knowledge and scientific facts and concepts in the field of decision support systems.	way dialogue and discussion method.	tests short-Questions-verbal Activities
<b>1.2</b>	Students definition phases Decision support systems	presentation and lecture method	.....
<b>1.3</b>	.....	.....	.....
<b>1.4</b>	.....	.....	.....
<b>1.5</b>	.....	.....	.....
<b>1.6</b>	.....	.....	.....
<b>2.0</b>	<b>Cognitive Skills</b>		
<b>2.1</b>	Strengthen the desire towards dealing with the computer and its applications, particularly in support of the administrative decision.	The method of solving problems.	Action Research for decision support in administrative organizations and their relationship to modern concepts of information systems
<b>2.2</b>	Assess the organizations web sites.	The method of research and exploration.	
<b>2.3</b>	.....	The method of teaching peers.	
<b>2.4</b>	.....	cooperative learning	
<b>2.5</b>	.....	.....	.....
<b>2.6</b>	.....	.....	.....
<b>3.0</b>	<b>Interpersonal Skills &amp; Responsibility</b>		
<b>3.1</b>	Link the concepts of System Analysis and Design efficiently manage information Systems.	Collaborative learning	Collective work and project teams

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
3.2	.....	.....	.....
3.3	.....	.....	.....
3.4	.....	.....	.....
3.5	.....	.....	.....
3.6	.....	.....	.....
4.0	<b>Communication, Information Technology, Numerical</b>		
4.1	Communicating and working teams, problem solving and creative thinking.	Way to solve problems.	Teamwork and evaluation kits.
4.2	.....	.....	.....
4.3	.....	.....	.....
4.4	.....	.....	.....
4.5	.....	.....	.....
4.6	.....	.....	.....
5.0	<b>Psychomotor</b>		
5.1	.....	.....	.....
5.2	.....	.....	.....
5.3	.....	.....	.....
5.4	.....	.....	.....
5.5	.....	.....	.....
5.6	.....	.....	.....

**5. Schedule of Assessment Tasks for Students During the Semester:**

	Assessment task	Week Due	Proportion of Total Assessment
1	Summarize and display the first four topics .	5	5
2	The first half of the chapter test .	8	20
3	Summarize and put questions and answer them to the topics scheduled .	12	5
4	The second half of the chapter test .	14	20
5	Total business semester .	.....	50
6	The ultimate test.	.....	50

## D. Student Academic Counseling and Support

3 hours per week.

## E. Learning Resources

### 1. List Required Textbooks :

Essentials Systems Analysis and Design. Josef S. Valacich & Joey F. George.

### 2. List Essential References Materials :

Kendall & Kendall, System analysis and design, 6th edition, International Edition.

### 3. List Recommended Textbooks and Reference Material :

- .....
- .....
- .....

### 4. List Electronic Materials :

Display device (Data show)- computers-blackboard - Offers Power Point

### 5. Other learning material :

- .....
- .....
- .....

## F. Facilities Required

### 1. Accommodation

- Hall

<ul style="list-style-type: none"> <li>• .....</li> </ul>
<b>2. Computing resources</b> <ul style="list-style-type: none"> <li>• .....</li> <li>• .....</li> <li>• .....</li> </ul>
<b>3. Other resources</b> <ul style="list-style-type: none"> <li>• .....</li> <li>• .....</li> <li>• .....</li> </ul>

## G Course Evaluation and Improvement Processes

<b>1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching:</b> Tests and ask questions.
<b>2 Other Strategies for Evaluation of Teaching by the Program/Department Instructor :</b> Short questions during lecture.
<b>3 Processes for Improvement of Teaching :</b> Summaries of work and displayed by the students.
<b>4. Processes for Verifying Standards of Student Achievement</b> During the final test.
<b>5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement :</b> Questionnaires to assess scheduled in different periods.

**Course Specification Approved**

**Department Official Meeting No ( .... ) Date ... / .... / ..... H**

**Course's Coordinator**

**Name :** D. Walid Qwalder

**Signature :** .....

**Date :** 4/ 1 / 1436 H

**Department Head**

**Name :** D. Walid Qwalder

**Signature :** .....

**Date :** 4/ 1 / 1436 H