KINGDOM OF SAUDI ARABIA
IMAM MOHAMMAD IBN SAUD ISLAMIC UNIVERSITY
COLLEGE OF COMPUTER AND INFORMATION SCIENCES
INFORMATION SYSTEMS DEPARTMENT
MASTER OF SCIENCE IN INFORMATION SYSTEMS

المملكة العربية السعودية
جامعة الإمام محمد بن سعود الإسلامية
كلية علوم الحاسب والمعلومات
قسم نظم المعلومات
ماجستير العلوم في نظم المعلومات

SYLLABUS

Course Code: IS6299 Course Name: MS Thesis

CREDIT HOURS	12

PREREQUISITE	IS6298

Instructor:
Contact information and office hours
Office No: To be announced (TBA) **Office Hours: TBA** **E-mail: _____@imamu.edu.sa**

COURSE DESCRIPTION
This course is the Information Systems graduation thesis. The students are expected to propose, analyze, and/or design an Information structure/system under direct supervision of a faculty member. This research work will particularly focus on topics which are at the cutting edge in the field of Information Systems and should be implemented and tested by the end of the course. The course requires students to synthesize and apply materials learnt in previous courses. This course will equip students with the basic skills to conduct and manage research in a narrow topic within the field of Information Systems, writing technical thesis and mid-work progress reports and the skills for presenting the work to audiences. The course will also provide guidance to the students in selecting business-focused, state-of-the art topics, understanding the research process as well as the tools needed to support implementing the system, writing its documentation, presentation skills and ethical issues such as avoiding plagiarism. Finally, the student is required to present his/her work in front of an examination committee consisting selected faculty members of the college.

COURSE LEARNING OUTCOMES (CLOs)		Aligned SOs
1	**Knowledge and Understanding**	
1.1	Describe a relatively unsolved problem in Information Systems field.	K1
1.2	Articulate existing and emerging technologies related to selected area of research.	K2
1.3	Review sound researches specially based on authenticity, copyright and patency	K3
1.4		
1.5		
2	**Skills :**	
2.1	Design an appropriate solution to the selected problem after analysis	S2
2.2	Use the advanced tools to implement the proposed solution (or prototype or equivalent).	S4
2.3	Utilize IS procedures and models to evaluate the effectiveness of the proposed solution.	S3
2.4	Perform scientific research to identify gaps related to selected area of research.	S1
2.5		
3	**Values:**	
3.1	Function effectively in individual setting to accomplish a goal	V3
3.2	Write thesis abiding all ethical standards	V2
3.3	Demonstrate Professionalism and responsibility for maximum impact to achieve desired goal.	V1
3.4		
3.5		

TEACHING Strategies
Discussion / Meeting

No	List of Topics	Contact Hours	Self-Learning
1	Problem Introduction	*12*	
2	Research work planning	*12*	
3	Literature survey and Requirement Analysis	*12*	
4	System Design (or equivalent if non-prototype research)	*24*	
5	System Implementation and testing (or equivalent if non-prototype research)	*36*	
6	Research publications and Thesis report writing	*18*	
7	Thesis Defense (Work finalization and presentation)	*6*	
Total		120	

TEXT BOOK
N/A

REFERENCES

	Course Assessment Methods		
No	**Assessment Method**	**Due Week**	**% of Total Assessment**
1	Supervisor	10	60
2	**Examiner 1**	10	20
3	**Examiner 2**	10	20
4			
5			