



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

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

## SYLLABUS

### IS 495: Senior Information Systems Project 1

<b>PREREQUISITE</b>	IS309 IS371	<b>CREDIT HOURS</b>	3
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<b>Instructor: Dr. Modhi Al Alshaikh</b>
<b>Contact information and office hours</b>
<b>Office No:</b> 4A-236
<b>Office Hours:</b> Every day from 12:00 to 1:30 PM.
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COURSE DESCRIPTION
<p><i>This course is the first part of a sequence of two courses that constitutes the BSc graduation project. In this part, the students are expected to propose, and analyze an information system solution which will be designed, implemented, and tested in the second part (IS496). Students are expected to meet regularly and report progress to their course instructor (supervisor). All student work is under direct supervision of the course instructor and examined by an examination committee led by the course instructor and consists of two selected faculty members of the college.</i></p> <p><i>The course requires students to synthesize and apply materials learnt in previous courses. This course will equip undergraduate Information Systems students with guidelines and standards that need to be followed to conduct and manage a project in the field of Information Systems, writing technical reports and presenting the work to audiences. This course will particularly focus on project topics which are related to the field of information systems. The course will also provide guidance depending on individual project needs to the students in: selecting business-focused projects, understanding the research process, as well as, the tools needed to support analyzing and designing the system, writing project documentation and presentation, and ethical issues such as avoiding plagiarism.</i></p>

COURSE LEARNING OUTCOMES (CLOs)		Aligned SOs
1	<b>Knowledge and Understanding</b>	



1.1	<i>Recognize the problem that can be solved by Information Systems.</i>	1(P)
1.2	<i>Comprehend the process that supports the information system delivery.</i>	6(P)
<b>2</b>	<b>Skills :</b>	
2.1	<i>Interpret the system requirements based on analysis.</i>	2(P)
2.2	<i>Apply current techniques, skills and tools to model the system.</i>	2(P)
<b>3</b>	<b>Values:</b>	
3.1	<i>Function effectively on teams to accomplish a common goal.</i>	5(P)
3.2	<i>Communicate effectively with a range of audience.</i>	3(P)

TEACHING Strategies
Discussion Meetings Self-learning

No	List of Topics	Contact Hours
1	<i>Topic selecting – Project Initiation</i>	8+1
2	<i>Graduation Project I – Project Planning</i>	5+1
3	<i>Graduation Project I – Project Analysis (Background Studies)</i>	5+1
4	<i>Graduation Project I – Project Analysis (Proposed System Requirements)</i>	6+1
5	<i>Graduation Project I – Project Presentation Preparation and Discussions</i>	7+1
6	<i>Graduation Project I – Proposal Finalization</i>	5+1
<b>Total</b>		<b>36+6(SL)</b>

TEXT BOOK
N/A.

REFERENCES
N/A.

Course Assessment Methods		
No	Assessment Method	% Total Assessment
1	Progress Report (Performance)	20%
2	Project Report	60%
3	Project Presentation	20%
4	<b>Final Submissions Evaluation (Project Report and Presentation)</b>	
4.1	Supervisor	75%
4.2	Examiners	20%
4.3	Commitment to Departmental Submissions	5%