



## Course Specifications

<b>Course Title:</b>	<b>Innovation &amp; modern technology</b>
<b>Course Code:</b>	<b>MIS10704</b>
<b>Program:</b>	<b>Management Information Systems</b>
<b>Department:</b>	<b>Management Information Systems</b>
<b>College:</b>	<b>College of Business Administration</b>
<b>Institution:</b>	<b>Albaha University</b>

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## A. Course Identification

<b>1. Credit hours:</b> 3 Hrs
<b>2. Course type</b>
a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/>
b. Required <input type="checkbox"/> Elective <input checked="" type="checkbox"/>
<b>3. Level/year at which this course is offered:</b> 5 <sup>th</sup> Level/ 3 <sup>rd</sup> year
<b>4. Pre-requisites for this course (if any):</b>
<b>5. Co-requisites for this course (if any):</b>

### 6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	30	%67
2	Blended		
3	E-learning	15	%33
4	Distance learning		
5	Other		

### 7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	30
2	Laboratory/Studio	-
3	Tutorial	15
4	Others (specify)	-
	<b>Total</b>	<b>45</b>

## B. Course Objectives and Learning Outcomes

### 1. Course Description

Developing innovative ways to communicate and collaborate can lead to new business opportunities, and new efficiencies. This course investigates the technologies, methods and practices of developing new innovations such as online communities, and how this knowledge and these skills are applied to re- engineer business processes, through case studies and selected readings you will develop new insights to facilitate evidence based decision making involving the integration of technology strategy with business strategy in technical services and engineering/technology-based organizations

### 2. Course Main Objective

Upon successful completion of the course, the student will develop fundamental understanding and competency in the following topics:

- How information systems have affected the environment for organizations.

- How modern organizations operate in global environment.
- How advances in telecommunications technologies have changed the scope and pace of business.
- How social media has affected business practice.
- How social media and the pervasive computing has affected how business Works.
- How the new knowledge-based economy has affected international Relationships

### 3. Course Learning Outcomes

CLOs		Aligned PLOs
<b>1</b>	<b>Knowledge and Understanding</b>	
1.1	Recognize the uses and effects of technology on the world, including business enterprises, governments, and individuals.	K.1
1.2	Define the different technologies uses for systems development	K.2
<b>2</b>	<b>Skills :</b>	
2.1	Ability to analyse the emerging technological trends and their implications for future effects on business, society, and individuals	S.1
2.2	Through the use of discussions and debates, students will learn to gather information, analyze that information, and present their conclusions in a peer forum	S.4
2.3	Show the ability to work individually or in teams and learn time management	S5
<b>3</b>	<b>Values:</b>	
3.1	Demonstrate ability to apply the technological knowledge in real life	V.1
3.2	Determine technological skills in using different types of technologies	V.2

### C. Course Content

No	List of Topics	Contact Hours
1	Thinking about technology	9
2	Debating technology, 1960s style	6
3	Debating technology, twenty-first century style	6
4	Contemporary technological dilemmas: climate change	6
5	Contemporary technological dilemmas: the new biology	6
6	Contemporary technological dilemmas: telecommunications technology and information technology	6
7	Governance and globalization	6
<b>Total</b>		<b>45</b>

## D. Teaching and Assessment

### 1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
<b>1.0</b>	<b>Knowledge and Understanding</b>		
1.1	Recognize the uses and effects of technology on the world, including business enterprises, governments, and individuals.	Lecture, support readings, group discussions, writing reports	<ul style="list-style-type: none"> <li>▪ Quiz, midterm and final exams.</li> <li>▪ Assessment of group project.</li> <li>▪ Assessment of projects conducted individually.</li> <li>▪ Solving Case studies.</li> <li>▪ Computer and internet-based assignments.</li> <li>▪ Evaluating individual and group tasks and presentations.</li> </ul>
1.2	Define the different technologies uses for systems development		
<b>2.0</b>	<b>Skills</b>		
2.1	Ability to analyse the emerging technological trends and their implications for future effects on business, society, and individuals	<ul style="list-style-type: none"> <li>▪ Lecture</li> <li>▪ Testing and training process.</li> <li>▪ Field studies - a group discussion</li> <li>▪ Individual and group tasks</li> <li>▪ Problem solving tasks and case studies.</li> </ul> Activities and	<ul style="list-style-type: none"> <li>▪ Quiz, midterm and final exams.</li> <li>▪ Assessment of group project.</li> <li>▪ Assessment of projects conducted individually.</li> <li>▪ Solving Case studies.</li> <li>▪ Computer and internet-based assignments.</li> <li>▪ Evaluating individual and group tasks and presentations.</li> </ul>
2.2	Through the use of discussions and debates, students will learn to gather information, analyze that information, and present their conclusions in a peer forum		
2.3	Show the ability to work individually or in teams and learn time management	<ul style="list-style-type: none"> <li>▪ Cooperative learning and application of scientific method in thinking by solving MIS problems.</li> <li>▪ Individual and group presentation.</li> <li>▪ Work as part of a team.</li> <li>▪ Conducting group assignment and writing reports. .</li> <li>▪ Encouraging students to use computer based assignments</li> </ul>	<ul style="list-style-type: none"> <li>▪ Assessment of group project.</li> <li>▪ Assessment of projects conducted individually.</li> <li>▪ Solving Case studies.</li> <li>▪ Evaluating the written reports.</li> <li>▪ Evaluating activities and homework.</li> <li>▪ Group and individual presentations evaluations.</li> <li>▪ Computer and internet-based assignments.</li> </ul>
<b>3.0</b>	<b>Values</b>		
3.1	Demonstrate ability to apply the technological knowledge in real life	<ul style="list-style-type: none"> <li>▪ Cooperative learning and application of scientific</li> </ul>	<ul style="list-style-type: none"> <li>▪ Assessment of group project.</li> </ul>

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
3.2	Determine technological skills in using different types of technologies	<p>method in thinking by solving MIS problems.</p> <ul style="list-style-type: none"> <li>Individual and group presentation.</li> <li>Work as part of a team.</li> <li>Conducting group assignment and writing reports. .</li> <li>Encouraging students to use computer based assignments</li> </ul>	<ul style="list-style-type: none"> <li>Assessment of projects conducted individually.</li> <li>Solving Case studies.</li> <li>Evaluating the written reports.</li> <li>Evaluating activities and homework.</li> <li>Group and individual presentations evaluations.</li> <li>Computer and internet-based assignments.</li> </ul>

## 2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Discussion Questions & Quizzes	1/15	10
2	Short Assignments	1/15	10
3	Midterm	7	30
4	Final Examination	15	50

\*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

## E. Student Academic Counseling and Support

**Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :**

**Faculty - 6 hours per week**

**• Teaching Assistant or Tutor - 4 hours per week**

**Official e-mail**

## F. Learning Resources and Facilities

### 1. Learning Resources

<b>Required Textbooks</b>	<p>Technology and the Future, 12th Edition Albert H. Teich  ISBN-10: 1111828547  ISBN-13: 9781111828547  368 Pages Paperback  ©2013 Published Cengage</p>
<b>Essential References Materials</b>	<ul style="list-style-type: none"> <li>Computer Science Curriculum 2013 – <a href="http://cs2013.org">http://cs2013.org</a></li> <li>ACM (Association for Computer Machinery) Curricula Recommendations - <a href="http://www.acm.org/education/curricula-recommendations">http://www.acm.org/education/curricula-recommendations</a></li> </ul>
<b>Electronic Materials</b>	<ul style="list-style-type: none"> <li>ACM (Association for Computer Machinery) web site - <a href="http://www.acm.org/">http://www.acm.org/</a></li> <li>ACM SIGCSE (Special Interest Group on Computer Science Education)</li> </ul>

	resource web site - <a href="http://www.sigcse.org/SIGresources">http://www.sigcse.org/SIGresources</a> • IEEE Computer Society web site - <a href="http://www.computer.org/portal/web/guest/home">http://www.computer.org/portal/web/guest/home</a> • Intel The Journey Inside web site (has a collection of interactive, online lessons about technology, computers, and society) - <a href="http://educate.intel.com/en/TheJourneyInside/">http://educate.intel.com/en/TheJourneyInside/</a>	
<b>Other Learning Materials</b>	Current events and news pertaining to the uses of technology	

## 2. Facilities Required

Item	Resources
<b>Accommodation</b> (Classrooms, laboratories, demonstration rooms/labs, etc.)	<ul style="list-style-type: none"> <li>Lecture rooms are well equipped with: Air conditioned with at least 20 adequate seats.</li> <li>Interactive/smart Board.</li> <li>Up-to-date projector</li> </ul>
<b>Technology Resources</b> (AV, data show, Smart Board, software, etc.)	<ul style="list-style-type: none"> <li><b>Personal computer with necessary up-to-date software.</b></li> <li><b>DBS Smart Systems.</b></li> <li><b>Interactive Board.</b></li> <li><b>Laptop</b></li> </ul>
<b>Other Resources</b> (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	<ol style="list-style-type: none"> <li><b>Colored Printer (needed).</b></li> <li><b>Central laser-Printer, and Scanner.</b></li> <li><b>Wall Boards (are essentially needed).</b></li> <li><b>Internet inside the classroom (missed).</b></li> <li><b>Library: Up to date scientific books, in the library.</b></li> </ol> <b>Wi-Fi and internet connections are available inside the teaching staff rooms, and the seminar room</b>

## G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Teaching and Assessment	Students, Head of Department, Peers	questionnaire
Achievement of course learning outcomes	Students, Head of Department, Peers	questionnaire
Quality of learning resources	Students	questionnaire

**Evaluation areas** (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

**Evaluators** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)

## H. Specification Approval Data

<b>Council / Committee</b>	Minutes of the Council of Management Information Systems Department
<b>Reference No.</b>	3
<b>Date</b>	8.12.2021