

Sub.	Course Description – توصيف مقرر دراسي	الموضوع	 <b>كلية المعرفة</b> ALMAAREFA COLLEGE
Date		التاريخ	

Course Code & No	INFO 201	201نظم	رقم المقرر ورمزه
Course Name	Introduction to Information Systems	مقدمة لنظم المعلومات	اسم المقرر
Credit Hours	3 (3+0+0)	( 0 + 0 + 3 ) 3	عدد الساعات المعتمدة
Pre-requisite	COMP 100	100 حاسب	المتطلب السابق

<b>General Description</b>	<b>توصيف عام</b>
<p>This course aims at introducing the students with:</p> <p>An introduction to system theory, quality, decision making, and the organizational role of information systems. Information technology, including computing and telecommunications systems. Introduction to concepts of organizations, information systems growth, Information systems ethics. and process improvement.</p>	

<b>Course Objectives</b>	<b>أهداف المقرر</b>
<ul style="list-style-type: none"> <li>Recognize basic hardware, software and communication components of information systems and their functional characteristics.</li> <li>Evaluate information system hardware and software components proper interaction.</li> <li>Demonstrate project management skills.</li> <li>Demonstrate ethical and professional responsibilities while facing various issues regarding information systems.</li> <li>Assess various hardware and software required in the IS field.</li> </ul>	

<b>Course Outlines</b>	<b>مفردات المقرر</b>
<ul style="list-style-type: none"> <li>Systems Concepts .</li> <li>System components and relationships.</li> <li>Cost/value and quality of information.</li> <li>Competitive advantage of information.</li> <li>Specification, design, and re-engineering of information systems.</li> <li>Application versus system software.</li> <li>Procedural versus non-procedural programming languages.</li> </ul>	

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<ul style="list-style-type: none"> <li>• Object oriented analysis and design</li> <li>• Database features, functions, and architecture.</li> <li>• Networks and telecommunications systems and applications.</li> <li>• Characteristics of IS professionals and IS career paths.</li> <li>• Information security, crime, and ethics.</li> </ul>	
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<b>References</b>	<b>المراجع</b>
<ul style="list-style-type: none"> <li>• Stair, R. and Reynolds, G., Fundamentals of Information Systems, 7th Edition, 2014, Cengage</li> </ul>	