


表二

105 學年度 商學院 英語授課課程大綱

課程名稱 Course Title 模組 個別	(中文) 系統分析與設計 (英文) Systems Analysis and Design
課程目標 Course Objectives	<p>Generally, the main objective of this course is to introduce to our students the basics of how to analyze and design information systems. Almost every organization relies on information systems to implement, support, and facilitate business processes. In addition, certain information systems have enabled considerable firms to either create business values, mitigate risks, or both. It is thus very important for our students to develop the competency of addressing business needs and delivering the tailored solutions that pertain to information systems.</p> <p>Specifically, the learning objectives of this course are that, after finishing this course, our students will be knowledgeable of analytical, problem-solving, and teamwork skills in modern systems analysis and design.</p>
課程大綱 Course Description	<p>This course aims to introduce the processes in modern information systems analysis and design. The processes are definitely non-trivial and often very complicated, whether organization opts for outsourcing the development of information systems, acquiring off-the-shelf information applications, etc. to fulfill any business requirements. In most cases, the processes can hardly be defined and managed by any scientific way, such as the specification of users' needs. Fortunately, nonetheless, several approaches and tools exist that can guide us to handle the processes. In this course, the focal approaches and tools will be those associated with 1) foundations for systems development, 2) planning, 3) analysis, 4) design, and 5) implementation and maintenance.</p>

<p>上課進度 Weekly Course Schedule</p>	<p>Week1 (9/13/2016): Introduction (Tentative) Week2 (9/20/2016): Foundations for system development Week3 (9/27/2016): To be announced (Tentative) Week4 (10/4/2016): The origins of software Week5 (10/11/2016): Managing the information system project Week6 (10/18/2016): To be announced (Tentative) Week7 (10/25/2016): Identifying and selecting systems development projects Week8 (11/1/2016): Initiating and planning systems development projects Week9 (11/8/2016): Exam 1 (Tentative) Week10 (11/15/2016): Determining system requirements Week11 (11/22/2016): Structuring system process requirements Week12 (11/29/2016): Designing databases Week13 (12/6/2016): Internet design fundamentals Week14 (12/13/2016): System implementation and maintenance Week15 (12/20/2016): To be announced (Tentative) Week16 (12/27/2016): Exam 2 (Tentative) Week17 (1/3/2017): To be announced (Tentative)</p>
<p>教學方式 Instructional Method</p>	<p>One overarching component of this course is for students to complete several group assignments (e.g., team projects) including analyzing and designing business information systems of their choices. In other words, students will work in small groups and should be aware that there are presentations, reports, etc. as the course progresses.</p>
<p>課程要求 Course Requirements</p>	<p>In this course, students should equally contribute to the group activities, output, etc. Working efficiently and effectively in the context of groups or teams is a very valuable capability in modern business world. This course expects that all students are able to treat their responsibilities to group assignments, appointments, and collaboration as they would treat professional business obligations in the real world.</p> <p>Moreover, this course expects the highest level of class participation. Although attendance is not compulsory, students would be responsible for all material and topics that was discussed, if they miss any class. Besides, this course expects that students should complete the assigned readings before coming to class.</p>
<p>評量方式</p>	<p>Participation (20%), Exam/Quiz (40%), and Assignment (40%)</p>
<p>教材及參考書目 Textbooks & Suggested</p>	<p>Modern Systems Analysis and Design; 7th Edition; by Jeffrey A. Hoffer, Joey F. George, and Joseph S. Valacich; ISBN 0-273-78709-8</p>
<p>連結網 址 Course</p>	
<p>備註 Remarks</p>	<p style="text-align: center;">  </p>

申請教師簽章： _____

開課單位主管簽章： _____

