Course Name	Project Implementation			تنفيذ المشروع		
Course Information		Course Code	Course No.	Credit Hour	Prerequisite(s)	
		0914695	CN 695	6 (0-6-6)	0914690	
Course Track	Program	n Core 🗌 Electiv	ves			

Course Description

In this course, the students will be required to implement proposed design of the project. The students will review the design specification and make any necessary enhancements to synchronize the implementation details. The students will identify and learn the use of tools required for the project implementation. The students will be expected to: prepare application architecture, code, debug, document, and test the application software within suggested timeframe. A key focus of the course is to emphasize the quality of software project through various evaluation aspects such as professional coding style, documentation of code, intuitive user interface design, input validation, verification and user guide. The students will be further required to evaluate the developed system by generating test cases of the critical components of the designed model.

Course Outcomes

After the completion of this course, the student will be able to:

- 1. **Design**, **develop** and **evaluate** a computer-based system to meet a set of solution requirements. [C, D, E]
- 2. Prepare proper documentation of software projects following the standard guidelines. [D]
- 3. Enhance written and oral communications skills with a range of audience [E]
- 4. Recognize professional, ethical, legal and social issues related to IT. [E]
- 5. Identify the need for engaging in continuing professional development. [A]

Assessment Policy	Committee Evaluation	Report Evaluation	35%	Supervisor	30%				
	Committee Evaluation	Oral Examination	35%	Evaluation					
Textbook	There is no single textbook for this course. The students are encouraged to select								
	and read various related texts under the recommendation of their supervisor.								
References	 Jeremy T. Miner, Lynn E. Miner, "Proposal Planning & Writing", 4th Edition, Greenwood, 2008. ISBN-13: 978-0-313-35674-2. Wayne Booth, Gregory Colomb and Joseph Williams, "The Craft of Research", 3rd Edition, University of Chicago Press, 2008. ISBN-13: 978-0226065663. William Navidi, "Statistics for Engineers and Scientists", 2nd Edition, McGraw- Hill, 2010. ISBN: 978-0073376332. 								