Course Name	**Project Implementation**		**تنفيذ مشروع**	
Course Information	**Course Code**	**Course No.**	**Credit Hour**	**Prerequisite(s)**
	0911-1685	685	6	**Project Proposal**
Course Track	☒ Program Core		☐ Electives	

Course Description. In this course, the students will be required to implement the 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. **[A, E]**
2. **Prepare** proper documentation of software projects following the standard guidelines. **[F]**
3. **Enhance** written and oral communications skills with a range of audience **[F]**
4. **Recognize** professional, ethical, legal and social issues related to IT. **[F]**
5. **Identify** the need for engaging in continuing professional development. **[E]**

Assessment Policy	**Committee Evaluation**	**Report Evaluation**	40%	**Supervisor Evaluation**	30%
		Oral Examination	30%		

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	1. Jeremy T. Miner, Lynn E. Miner, "Proposal Planning & Writing", 4th Edition, Greenwood, 2008. ISBN-13: 978-0-313-35674-2. 2. Wayne Booth, Gregory Colomb and Joseph Williams, "The Craft of Research", 3rd Edition, University of Chicago Press, 2008. ISBN-13: 978-0226065663. 3. William Navidi, "Statistics for Engineers and Scientists", 2nd Edition, McGraw-Hill, 2010. ISBN: 978-0073376332.