


Sub.	Course Description – توصيف مقرر دراسي	الموضوع	 كليات المعرفة ALMAAREFA COLLEGES
Date		التاريخ	

Course Code & No	IE490		رقم المقرر ورمزه
Course Name	Field Experience		اسم المقرر
Credit Hours	0		عدد الساعات المعتمدة
Pre-requisite	<i>Pass Successfully of 120 Cr. H.</i>		المتطلب السابق

General Description	توصيف عام
The student should gain an industrial training in the field at any governmental and or private industry for ten weeks.	

Learning Outcomes	مخرجات التدريب
<ul style="list-style-type: none"> a. Recognize and discover the work environment. b. Define new tools in the new technical environments. c. Recognize the IE tools that are done in real organizations. d. Demonstrate the knowledge acquired during the courses to real-world-problems e. Analyze requirements for an efficient solution of a real-world-problem while taking different technical constraints into account. f. Develop skills of Work effectively with clear objectives and constraints. g. Demonstrate skills of Work autonomously and learn new techniques with minimal supervision. h. Demonstrate the ability to work as part of a team. i. Demonstrate skills of collaborating in finding solutions within teams j. Demonstrate effective and efficient writing and communication skills. 	

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Major student activities taking place during the field experience	الأنشطة الرئيسة للتدريب
<p>Students are required to finish a cooperative practical training which may be conducted during summer. The practical training is a comprehensive training course that provides students with hands-on, real world experience in a work setting. The internship is designed to provide students opportunity to apply their academic education with work experience. Students are sent to different companies to get the real flavor of work group, communications and professional development experiences. The students are exposed to practicing different aspects of Industrial Engineering tools and skills etc. Students will have experience in multiple IE organizations under the supervision of IE Professionals. Thus, students will learn in practical how to manage time, IE-related tools & programs, project management strategies, key engineering domain concepts and their implications, applications etc. Upon completion of this training, a student will be required to write a Comprehensive document on his work experience and present it according to specified standards.</p>	

Evaluation of the Field Experience	التقويم
<ul style="list-style-type: none"> • On-site visits • Final report • Evaluation by the trainer • Presentation • Evaluation by the supervisor 	