DEPARTMENT OF INDUSTRIAL ENGINEERING
COURSE SYLLABUS

COURSE TITLE	*ENGLISH CODE/NO*	*ARABIC CODE/NO.*	*CREDITS*			
			Th.	*Pr.*	*Tr.*	*Total*
IE Seminar	**IE 395**	هـ ص ٣٩٥	**0**	**2**	**-**	**1**
Pre-requisites:	**IE 351**					
Course Role in Curriculum	*Required or Elective:*		Required Core Course			

Catalogue Description:
Literature review methodologies and sources. Review of a recently published IE book or topic pertaining to contemporary social, economic or environmental issues in industrial engineering. Delivering a seminar lecture by a team of students based on a term paper prepared by them.

***Textbooks*:**
Different Recommended Material will be used for this course.

***Supplemental Materials*:**

***Course Learning Outcomes*:**
By the completion of the course the student should be able to:

1. Practice Effective Team Management tools.
2. Prepare effective business communications.
3. Demonstrate the methods of literature review.
4. Analyse recent publication (s) of Industrial Engineering.
5. Identify contemporary issues.
6. Prepare and deliver effective presentation using different computer applications.

	***Topics to be Covered*:**	***Duration in Weeks***
1	Literature Review Methodologies	3
2	Selection of Area of Industrial Engineering	1
3	Selection of Field in the Area of Industrial Engineering	1
4	Selection of Topic in the particular area of Industrial Engineering	2
5	Preparation of Business Document	4
6	Preparation of Business Communication	2

Student Outcomes addressed by the course: (Put a √ sign)

(a)	an ability to apply knowledge of mathematics, science, and engineering	√
(b)	an ability to design and conduct experiments, as well as to analyze and interpret data	
(c)	an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability	
(d)	an ability to function on multidisciplinary teams	√
(e)	an ability to identify, formulate, and solve engineering problems	√
(f)	an understanding of professional and ethical responsibility	√
(g)	an ability to communicate effectively	√
(h)	the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context	
(i)	a recognition of the need for, and an ability to engage in life-long learning	√
(j)	a knowledge of contemporary issues	√
(k)	an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.	

Key Student Outcomes assessed in the course: (f) and (g)

Instructor or course coordinator: Dr Muhammad Ehsan Ulhaque
Last updated: February 2015