

Department of Chemical Engineering			
Internship (64390)			
Total Credits	3		
major compulsory			
Prerequisites	-		
Course Contents			
Students spend a period equivalent to eight weeks of practical training in industrial plant. This course aims at providing the students with technical and practical skills by participating in engineering activities and performing assignments through training programs. The program is jointly specified by the department and industrial organizations.			
Intended Learning Outcomes (ILO's)		Student Outcomes (SO's)	Contribution
1	Improve communication skills through writing formal technical reports, conducting effective oral presentations and, effective internal communications with company professionals.	G	15 %
2	Participate effectively within multidisciplinary teams including engineers, technicians, supervisors, and administrative staff. And to be exposed to industrial practices including the use of codes, standards, conventions and work procedures adopted by the company.	D	35 %
3	Understand the code of ethics used by the company. And Practice professionalism through punctuality and interactions with professionals at different levels	F	15 %
4	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	C	15 %
5	Understand the impact of engineering projects and solutions on the society and the environment (local and global).	H	20 %
Textbook and/ or References			
Practical Training Centre Student Manual			
Assessment Criteria		Percent (%)	
Reports		30 %	
Presentation		20 %	
Progress		50 %	
Course Plan			
Week	Topic		
1	Company orientation		
2	Industrial safety and environmental impact		
3	Process description		
4	Operation and troubleshooting		
5	Material and energy balances		
6	Testing and inspection		
7_8	Charging and discharging		