

Department of Industrial Engineering			
Practical Training (65590)			
Total Credits	3		
major compulsory			
Prerequisites	-		
Course Contents			
<p>Students taking the Internship course must spend 320 hours of training in a facility approved by the department. The practical training for industrial engineering students is one of the substantial preconditions for a successful course of study and it forms an important part of education. The students should gain insight into local or global manufacturing or service sectors organizations to provide them with technical and practical skills through participating in engineering activities related to relevant aspects of their studies. Each student needs to submit a report at the end of training period.</p>			
Intended Learning Outcomes (ILO's)		Student Outcomes (SO's)	Contribution
1	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	20 %
2	An ability to function on multidisciplinary teams	D	20 %
3	An understanding of professional and ethical responsibility	F	20 %
4	An ability to communicate effectively	G	20 %
5	A knowledge of contemporary issues	J	20 %
Textbook and/ or References			
Practical Training Centre Student Manual			
Assessment Criteria		Percent (%)	
Reports		30 %	
Presentation		20 %	
Progress		50 %	
Course Plan			
Week	Topic		
1	Organization orientation.		
2	Operations description		
3	Operations observations and problems identification		
4	Information flow		
5	Inspection and Quality Control		
6	Integration between production and management		
7-8	Effective ways to use basic factors of production (People, machines, materials, information, and energy)		