

Module: Product Development

Module Convenor: Dr. Ahmed Al-Ashaab

Location: TBA

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Date	26 th Nov 2018	27 th Nov 2018	28 th 2018	29 th Nov 2018	30 th Nov 2018
Time					
09:00-09:55	Module Introduction	Lean Product Development	Problem-Solving	PD in Knowledge-Based Environment	LeanPD Tutorial
10:00-10:55	Introduction to Product Development				
10:55-11:10	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
11:10-13:00	Concurrent Engineering	Set-Based Concurrent Engineering (SBCE)	A3 Thinking and Hands-On Exercise	Trade-Off Curves	LeanPD Tutorial
13:00-14:00	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
14:00 – 16:00	Product Development Tools and Methods (QFD, Pugh Matrix & DFM)	Hands-On Exercise SBCE	FREE	SBCE Industrial Case study	LeanPD Tutorial
16:10-16:10	<i>Break</i>	<i>Break</i>	<i>FREE</i>	<i>Break</i>	<i>Break</i>
16:10-17:00	PD Tools and Methods (DFA)	SBCE Hands-On Exercise	FREE	Assignment	Module Review
Notes	<ol style="list-style-type: none"> All lectures are delivered by Dr Ahmed Al-Ashaab. All the subjects are presented with industrial case studies and hands-on group exercises. Module assessment is a group assignment. 				

