



Jordan University of Science and Technology
Faculty of Engineering
Industrial Engineering Department

IE492 Engineering Training
Summer Semester 2019-2020

Course Catalog
3 Credit Hours. Students are required to spend eight weeks of practical training at a local or international firm. A student is obligated to submit a technical report expressing skills achieved through the activities performed during her/his training. (Prerequisite: Completing 117 C.H.)

Instructor	
Name	Prof. Tarek Al-Hawari
Office Location	-
Office Hours	
Email	tarek321@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: U : - Room: U Section 2: Lecture Time: U : - Room: U

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 6, 7, 8	This engineering training course aims to provide exposure to some of the modern experimental engineering tools, skills and practices. Accredited private and public expert companies and institutions are involved in conducting this training so as to cover various disciplines of engineering technology.	

Weeks 1, 2, 3, 4, 5, 6, 7, 8	The participants will be interacting with experts in their fields and will get acquainted with practical aspects of various modern techniques along with the underlying engineering principles.	
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Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Work and communicate effectively with internal and external stakeholders in the global environment, while satisfying engineering, business and financial goals, and the end customers. [50SLO4, 50SLO5]	25%	
Embrace the importance of continuous learning or the purpose of ongoing professional development. [50SLO4, 50SLO5]	25%	
Participate in and lead cross-functionally defined project teams, designing, implementing and improving processes, products and systems in the manufacturing, service or government sectors. [50SLO4, 50SLO5]	25%	
Demonstrate proficiency in data analysis using state-of-the art tools, to assist with decision making [50SLO4, 50SLO5]	25%	

Relationship to Program Student Outcomes (Out of 100%)						
SLO1	SLO2	SLO3	SLO4	SLO5	SLO6	SLO7
			50	50		

Policy	
Follow up with advisor	Students are responsible for coordinating with the training advisor for follow up in regards to the training instructions, training deadlines, report deadline, list of accredited companies and available opportunities.
Training Location and Accreditation	The students may receive training in any accredited company or institution inside Jordan or overseas. The engineering training section also provides sponsored engineering training opportunities from the Arab Council for Training Students of Arab Universities (ACTSAU) and IAESTE in Europe.

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