



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

ME492 Engineering Training
Summer Semester 2019-2020

Course Catalog
<p>3 Credit Hours. A short-term practical training for the duration of about two months and/or 8 weeks will be conducted at each engineering department after the student complete a total of 117 credit hours successfully. 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. 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. The students who are planning to enroll in this course are encouraged to look for training opportunities by the coordination with the training advisor at each department. The companies and institutions where the students are planning to receive their training are supposed to be accredited from the related department. Generally, the students may apply for accrediting a company at the faculty of engineering in the case the company is not listed among the accredited catalog.</p>

Text Book	
Title	Engineering Training Website
Author(s)	Faculty of Engineering at J.U.S.T
Edition	1st Edition
Short Name	1
Other Information	

Instructor	
Name	Dr. AHMAD ALSHORMAN
Office Location	CH2-L2
Office Hours	
Email	amalshorman6@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	Eight weeks of practical training in an institution (university, company, ?etc) that is accredited by the mechanical engineering department and faculty of engineering at JUST for training purposes in the field of mechanical engineering.?	

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
An ability to communicate effectively with a range of audiences [1SLO3]	20%	
An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts [1SLO4]	20%	
Ability to make informed judgments taking into consideration the impact of engineering solutions in global, economic, environmental, and societal contexts. [1SLO6]	20%	
An ability to acquire new knowledge as needed, using appropriate learning strategies. [1SLO7]	20%	
An ability to acquire new knowledge as needed, using appropriate learning strategies. [1K]	20%	

Relationship to Program Student Outcomes (Out of 100%)

A	B	C	D	E	F	G	H	I	J	K	SLO1	SLO2	SLO3	SLO4	SLO5	SLO6	SLO7
										20			20	20		20	20

Evaluation

Assessment Tool	Weight
Practical training survey	100%

Policy

1.	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.
2.	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 Arab Council for Training Students of Arab Universities (ACTSAU) and IAESTE in Europe.

Date Printed: 2020-09-24