The University of Jordan
School of Engineering
Industrial Engineering Department
1st Semester 2019/2020

Course name:	**Measurements lab**				
Course code:	0906442				
Credits hours	1 credit hours				
Contact hours/room:	Section 2: Monday (1:00-4:00) Section 3: Wednesday (1:00-4:00) Section 1: Thursday (1:00-4:00)				
Course instructor's name, E-mail, and phone:	Eng. Lamees Al-Durgham				
	l.aldurgham@ju.edu.jo				
	22942				
Course Coordinator:	---				
Text book:	Lab manual				
Other reference(s):	None				
Course Description:	Experiments on alignment, angular measurements, diameters, surface roughness, out of roundness, screw, gears, thermocouples and oscilloscope.				
Providing Department:	Industrial Engineering				
Prerequisite Course:	0906441				
Course type	Laboratory				
Assessment Methods:	**Method**		**Weight %**	**Date**	
	Reports + quizzes		**30%**	**Weekly report**	
	Mid Exam		**30%**		
	Final Exam		**40%**		
Course Learning Outcomes:	#	**After successful completion of this course, the student will be able to**		**SO**	
	1	An ability to function effectively on a team through conducting experiment and writing report.		**5**	
	2	An ability to conduct experiment related to linear and angular measurements, strain gauge, autocollimator, threads, and thermometers.		**6**	
	3	Analyze and interpret results, and draw proper conclusions.		**6**	

	Week #	Topic
Brief list of topics	1	Introduction
	2	Linear measurements
	3	Block gauges
	4	Angular measurements
	5	Thread measurements
		Mid exam
	6	Surface roughness
	7	Autocollimator
	8	Strain gauge
	9	RTD, thermistor, thermocouples.
Important Notes:	• Do not hesitate to ask questions • You are required to bring a notebook and take notes in classes. • Students are expected to attend every class session and they are responsible for all material, announcements, schedule changes, etc., discussed in class. • Discuss the assignments among yourselves • Don't Cheat; direct copying of others work will NOT be allowed or tolerated and will result in a reduction of grade. If you are found to be cheating in any way, on an exam or assignment, even signing the roll sheet for another student, you will be given an "F" for the course. There will be no exceptions. • All cases of academic dishonesty will be handled in accordance with university policies and regulations. JU policy requires the faculty member to assign ZERO grade (F) if a student misses 15% of the classes that are not excused, and 20% of the classes that are excused • Students are expected to be ready to take a quiz any time they have a class. There will be no make-up quizzes or home works. • Any students with disabilities who need accommodations in this course are encouraged to speak with the instructor as soon as possible to make appropriate arrangements for these accommodations.	