

بسم الله الرحمن الرحيم

Republic of Iraq  
The Ministry Of Higher Education  
& Scientific Research



University: Diyala  
College: Engineering  
Department:  
Mechanical  
Stage: 4th  
Lecturer name: Yaseen Alwan Jaddoa  
Qualification: MSc  
Place of work: University of Diyala

### Flow up of implementation celli pass play

Course Instructor	Yaseen Alwan Jaddoa				
E-mail	Yasseen.alwan73@yahoo.com				
Title	Measurement				
Course Coordinator	Theoretical: 1				
Course Objective	Study mechanical measurement and its types and general structure.				
Course Description	Theory of measurement, General structure of measuring instruments and types of instruments.				
Textbook	Mechanical Measurement (6 <sup>th</sup> Edition) Thomas G. Beckwith				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	40%	–	–	–	60%
General Notes					

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**Jaddoa**  
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## Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1	6/10/2016	Theory of measurement		
2	13/10/2016	Introduction to measurement		
3	20/10/2016	General structure of measurement		
4	27/10/2016	Examples of measurement system		
5	2/11/2016	Calibrations		
6	9/11/2016	Measurement Units		
7	16/11/2016	Types of instruments		
8	23/11/2016	Types of instruments		
9	30/11/2016	Static characteristic of instrument		
11	7/12/2016	Static characteristic of instrument		
11	14/12/2016	Dynamic characteristic of instrument		
12	21/12/2016	Dynamic characteristic of instrument		
13	28/12/2016	Sensors and transducers		
14	4/1/2017	Basic definition and specification of sensor		
15	11/1/2017	Attributes of sensors		
16	18/1/2017	Types of sensors		

**Half – year break**

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**INSTRUCTOR Signature:****Dean Signature:**