



جامعة المجمعة
Majmaah University

Course Report

College: Engineering
Programme: Electrical Engineering
Course : Electric Circuit Lab

Muharram 1437 H



This form compatible with NCAAA Edition

Course Report

Institution :	Al Majmaah University	Date of CR	6 / 2 / 2017
College/ Department	Engineering/ Electrical Engineering		

A Course Identification and General Information

1. Course title: Electric Circuit Lab Code: EE 205 Section 76						
2. Name of course instructor Dr Youcef berrouche Location : College of Engineering						
3. Year and semester to which this report applies: 2016/2017 1st Semester						
4. Number of students starting the course?		14	Students completing the course?		13	
5. Course components:						
	Lecture	Tutorial	Laboratory/ Studio	Practical	Other	Total
Contact Hours	0	0	30	0	0	30
Credit	0	0	1	0	0	1

B- Course Delivery :

1. Coverage of Planned Program

Topics Covered	Planned Contact Hours	Actual Contact Hours	Reason for Variations (*)
Introductory to lab equipment's and basic components	1	1	.....
Assemble of simple circuits	1	1	.....
Ohms law, Series and Parallel Connection of Resistors	2	2	.....
VDR on No-Load operation, VDR under Load	1	1	.....
Series and parallel connection of Batterie	1	1	.....
Determining the Internal Resistance of batteries connected in series and Parallel	2	2	.....
Introduction to AC Circuits using the Oscilloscope	1	1	.....
Introduction to AC Circuits using the Function Generator	1	1	
Power Factor improvement	1	1	
Introduction to Three Phase circuits.	2	2	
Revision	1	1	

(*) if there is a difference of more than 25% of the hours planned



2. Consequences of Non-Coverage of Topics

Topics not Fully Covered (if any)	Effected Learning Outcomes	Possible Compensating Action
None

3. Course learning outcome assessment.

List course learning outcomes		List methods of assessment for each LO	Summary analysis of assessment results for each LO
Knowledge			
.....	
Cognitive Skills			
b	measure the properties main electrical components, such as resistance, capacitance, inductance	Standardized exams	96%
	evaluate the electric circuits characteristics.	Standardized exams	78%
Interpersonal Skills & Responsibility			
.....	
Communication, Information Technology, Numerical			
k	apply the concepts and analytical principles developed in EE 101	Standardized exams	88%
	employ the main electric instruments, such as multimeter, oscilloscope	Standardized exams	
	operate effectively to communicate through weekly written reports and lab notebooks	Standardized exams	
Psychomotor			
.....	

Summarize any actions you recommend for improving teaching strategies as a result of evaluations in table 3 above.

The assigned teaching strategies are more than enough.

4. Effectiveness of Planned Teaching Strategies for Intended Learning Outcomes set out in the Course Specification

List Teaching Methods set out in Course Specification	Were They Effective?		Difficulties Experienced (if any) in Using the Strategy and Suggested Action to Deal with Those Difficulties.
	No	Yes	



Giving Lectures		X	NO
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C. Results

1. Distribution of Grades

Letter Grade	Number of Students	Student Percentage	Analysis of Distribution of Grades
A+	0	0%	.....
A	1	8%	.....
B+	1	8%	.....
B	3	23%	.....
C+	4	31%	.....
C	1	8%	.....
D+	1	8%	.....
D	1	8%	.....
F	1	8%	This student missed the final exam
Denied Entry	0	0%	.....
In Progress	0	0%	.....
Incomplete	0.	0%	.....
Pass	13	92%	.....
Fail	1	8%	.....
Withdrawn	0	0%	.....

2. Analyze special factors (if any) affecting the results

The results are within the normal distribution and pass percentage is good.

3. Variations from planned student assessment processes (if any) .

a. Variations (if any) from planned assessment schedule (see Course Specifications)

Variation	Reason
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None	
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b. Variations (if any) from planned assessment processes in Domains of Learning

Variation	Reason
None	

4. Student Grade Achievement Verification :

Method(s) of Verification	Conclusion
All papers are reviewed by independent reviewer from the department who will who will double check the sum of the total marks	Level of fairness of collection is fairly high
Grades approved by Head of department and the dean of the EC.	Approved

D. Resources and Facilities

Difficulties in access to resources or facilities (if any)	Consequences of any difficulties experienced for student learning in the course
None	

E. Administrative Issues

Organizational or administrative difficulties encountered (if any)	Consequences of any difficulties experienced for student learning in the course
None	

F Course Evaluation

1 Student evaluation of the course (Attach summary of survey results)

a. List the most important recommendations for improvement and strengths All the results scores are more than 3. No actions will be token
b. Response of instructor or course team to this evaluation •

2. Other Evaluation :

a. List the most important recommendations for improvement and strengths •
b. Response of instructor or course team to this evaluation: •



G Planning for Improvement

1. Progress on actions proposed for improving the course in previous course reports (if any).

Actions recommended from the most recent course report(s)	Actions Taken	Action Results	Action Analysis
None

2. List what other actions have been taken to improve the course

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3. Action Plan for Next Semester/Year

Actions Recommended for Further Improvement	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible
a) Make indirect assessments	Make 8% of indirect ng assessment during the experiments	Beginning of second semester 2016/2017	End of second semester 2016/2017	Course Instructor

Course Instructor:

Name: Dr Youcef berrouche
Signature: Date Report Completed: 6 th /2 / 2017

Program Coordinator:

Name: Dr Abdullah Almuhasien
Signature: Date Received : / / 2017



Important Notes:

- A separate Course Report (CR) should be submitted for every course and for each (section " Male & Female" or Academic Programme or campus location where the course is taught) even if the course is taught by the same person
- Each CR is to be completed by the course instructor (Separate reports attached) and given to the program coordinator At the end of each course
- Course Reports are to discuss by the academic (Programme) Department Council

