



جامعة المجمعة
Majmaah University

Course Report

College: Engineering
Programme: Electrical
Course: EE322

Muharram 1437 H



This form compatible with NCAAA Edition

Course Report

Institution:	Majmaah University	Date of CR	25 / 1 / 2017.
College/ Department	Engineering college/ Electrical Eng. Dept.		

A Course Identification and General Information

1. Course title:	Communications Principles	Code	EE322	Section	84	
2. Name of course instructor	Dr. Mohamed Ouda		Location:	Alyahya Building		
3. Year and semester to which this report applies:	2016\2017 First Semester					
4. Number of students starting the course?	16	Students completing the course?	9			
5. Course components:						
	Lecture	Tutorial	Laboratory / Studio	Practical	Other	Total
Contact Hours	45	15	0	0	0	60
Credit	3	0	0	0	0	3

B- Course Delivery:

1. Coverage of Planned Program

Topics Covered	Planned Contact Hours	Actual Contact Hours	Reason for Variations (*)
Overview and Basic elements of communication systems	4	4	
Double Sideband Modulation (DSB), Amplitude modulation (AM)	8	8	
Single Sideband Modulation (SSB), Vestigial Sideband Modulation (VSB)	4	4	
Frequency Translation, Superhetrodin Receiver	4	4	
Angle Modulation, Frequency Modulation (FM)	8	8	
Frequency-division multiplexing (FDM) and Stereo FM Receiver	8	8	
Correlation and Spectral Density	4	4	





Random Variables, Random Process and Power Spectral Density	4	2	
Noise in Analog Systems	4	4	
Sampling; Pulse Modulation (PAM, PWM, PPM)	8	8	
TDM and Pulse Code Modulation (PCM)	4	2	

(*) 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)	Effectuated Learning Outcomes	Possible Compensating Action

3. Course learning outcome assessment.

List course learning outcomes		List methods of assessment for each LO	Summary analysis of assessment results for each LO
1.0	Knowledge		
1.1			
1.2			
1.3			
1.4			
1.5			
1.6			
2.0	Cognitive Skills		
2.1	Solve engineering problems related to Double Sideband Modulation (DSB), Single Sideband Modulation (SSB), Vestigial Sideband Modulation (VSB), and heterodyning.	Standardized exams,	76%
2.2	Solve engineering problems related to Frequency Modulation (FM), phase Modulation and Stereo FM Receiver		
2.3	Employ Frequency Translation Modulation, Frequency-division multiplexing (FDM) and Time-division multiplexing		
2.4	Relate engineering problems using sampling theorem, Pulse Modulation (PAM, PWM, PPM) and Pulse Code Modulation (PCM)		
2.5	An ability to design and analyze analog and digital communication systems.	micro projects.	79%
2.6			



List course learning outcomes		List methods of assessment for each LO	Summary analysis of assessment results for each LO
3.0			
3.1			
3.2			
3.3			
3.4			
3.5			
3.6			
4.0	Communication, Information Technology, Numerical		
4.1	Apply knowledge of Basic elements of communication systems.	Standardized exams, Seminars and Assignment.	81%
4.2	Apply knowledge of Correlation, Spectral Density, Random Variables, Random Process and Linear Systems and Noise in Analog Systems		
4.3			
4.4			
4.5			
4.6			
5.0	Psychomotor		
5.1			
5.2			
5.3			
5.4			
5.5			
5.6			

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

Include electronics design circuits

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	
Lecture, small group work, whole group and small group discussion.		x	



small group work, research activities, lab demonstrations, projects and individual presentation

x

C. Results

1. Distribution of Grades

Letter Grade	Number of Students	Student Percentage	Analysis of Distribution of Grades	
A+	1	9%	First exam	20%
A	1	9%	Second Exam	20%
B+	0	0%	Quizzes & Homework	10%
B	1	9%	Project	10%
C+	1	9%	Final exam	40%
C	3	27%	Total	100%
D+	1	9%	The distribution fit a normal distribution curve	
D	1	9%		
F	1	9%		
Denied Entry	2	13%		
In Progress	0	0%		
Incomplete	0	0%		
Pass	10	63%		
Fail	1	6%		
Withdrawn	3	19 %		

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



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-
-

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

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

Variation	Reason
NON	

b. Variations (if any) from planned assessment processes in Domains of Learning

Variation	Reason
NON	

4. Student Grade Achievement Verification :

Method(s) of Verification	Conclusion
Verified by Dr. Abdullah Al Ahmadi	

D. Resources and Facilities

Difficulties in access to resources or facilities (if any)	Consequences of any difficulties experienced for student learning in the course
The book is not available in the library	Degrades the student learning

E. Administrative Issues

Organizational or administrative difficulties encountered (if any)	Consequences of any difficulties experienced for student learning in the course
NON	
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F Course Evaluation



1 Student evaluation of the course (Attach summary of survey results) *attached in the end

<p>a. List the most important recommendations for improvement and strengths</p> <ul style="list-style-type: none"> • The requirement for passing the course was not clear to me • Course delivery according to plan • Fair marking of the exams and homework • The lecturer enthusiasm about the course is weak
<p>b. Response of instructor or course team to this evaluation</p> <ul style="list-style-type: none"> • The course is considered a difficult and demanding that is why the students are usually harsh on evaluation • the syllabus will be followed more precisely with a better communication with the students regarding the course.

2. Other Evaluation :

<p>a. List the most important recommendations for improvement and strengths</p> <ul style="list-style-type: none"> • • • •
<p>b. Response of instructor or course team to this evaluation :</p> <ul style="list-style-type: none"> • • • •

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
Giving more quizzes, online quizzes and examples	More examples were given	Better understanding	Improved performance

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

<ul style="list-style-type: none"> • Give case study. • adopting more active teaching strategies • • •

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) Need the text to be available for student and on the library	Getting the book	Week 1	Week 2	...UPC..... ...
b) Updating the syllabus		Week 1	Week 1	Instructor
c) Course description needs modifications to reduce the amount of digital section	Week 1	Week 1	Instructor
d) The course outcome in the course description needs updating.	Week 1	Week 1	Instructor

Course Instructor:

Name: Dr. Mohamed Ouda.	Date Report Completed: 23/1/2017
Signature:	

Program Coordinator:

Name:	Date Received :/...../1437 H
Signature:	



تقرير نتائج امتحان الكيمياء في مقرر مبحث التعليم الجامعي 1437/1438 الفصل الأول 38237

قسم : كيمياء

شعبة التعليم الجامعي 1

مقررات

رسم المقرر : 45098

عدد المسجلين : 16

الكلية : الجامعة المجمعة

قسم الكيمياء : موقسم الكيمياء

رمز المقرر : 45098

عدد المقررات : عدد المقررات : 1

البيانات الخاصة ببرنامج المقرر.

م	أداء الطالب	٧٠٪ من المقرر		٧٠٪ من المقرر		٧٠٪ من المقرر		٧٠٪ من المقرر		م
		عدد	%	عدد	%	عدد	%	عدد	%	
1	تلك المقررات التي لها نسبة النجاح في الامتحان	4	25	1	6	2	12.5	0	0	1
2	تلك المقررات التي لها نسبة النجاح في الامتحان	4	25	1	6	2	12.5	1	6.25	2
3	تلك المقررات التي لها نسبة النجاح في الامتحان	4	25	1	6	2	12.5	1	6.25	3
		16	100	6	37.5	5	31.25	2	12.5	16

إعداد:

التاريخ:

