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

Actions Recommended for Further Improvement	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible
a) More simulink training	Simulation projects for each motor drive topology	3rd week of the semester	5th week of the semester	Instructor
b) More Matlab programming training	Simulation projects for each motor drive topology	8th week of the semester	10th week of the semester	Instructor

Course Instructor:

Name: .....Ahmed Galal.....
Signature: ..... Date Report Completed: 7/3/2017

Program Coordinator:

Name: .....
Signature: ..... Date Received : ...../...../2016

a. List the most important recommendations for improvement and strengths ١- كان تنفيذ المقرر والأشياء التي طلب مني أداؤها متسقة مع الخطوط الأساسية للمقرر ٢- كان عضو هيئة التدريس موجودا للمساعدة خلال الساعات المكتبية. ٣- كان كل ما يقدم في المقرر حديثا ومفيدا، (النصوص المقروءة، التلخيصات، المراجع، وما شابهها). ٤- كانت كمية العمل في هذا المقرر متناسبة مع عدد الساعات المعتمدة المخصصة للمقرر .
b. Response of instructor or course team to this evaluation 1- The students don't want to do microprojects and frequent quizzes. 2- I'm always available in my office unless I have lecture, meeting or workshop. 3- I give the students hard copy from the text book and I always use the D2L to share the ppt materials with them. 4- The course material and contents are distributed equally through the semester.

2. Other Evaluation :

a. List the most important recommendations for improvement and strengths • Sufficient practical sessions during tutorial.
b. Response of instructor or course team to this evaluation : • Additional Simulink examples are added in the end of this semester

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
There was no previous course report			

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

- Force the students to use simulation packages such as matlab and psim
- More design problems must be given to the students

3. Action Plan for Next Semester/Year

Fail	1	5 %	.....
Withdrawn	0	0 %	.....

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

- No Excellent student in this group
- Good number of students got B.....
- Normal distribution for the results
-

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

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

Variation	Reason
None	

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

Variation	Reason
No outstanding students, but only 1 with A grade	This student attended regularly and have good knowledge in Programming and simulation.

4. Student Grade Achievement Verification :

Method(s) of Verification	Conclusion
Level of fairness in correction is fairly high	All final papers should be revised and checked by other faculty member.

D. Resources and Facilities

Difficulties in access to resources or facilities (if any)	Consequences of any difficulties experienced for student learning in the course
There are no textbooks in this area in the library or in the book stores so the students have to use the available resources in the internet	We use what we have or what we find in the internet

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)

- Make the class attractive and full of activations by raising questions and discussions that requires straight thinking and also reverse thinking.		Y	.....
- Explaining principles and concepts through real life problems.		Y	.....
- Different access to the student to be close with the teacher using, email, website and even phone calls in urgent.		Y	.....
- Questioning the students on solving the problem in a reverse manner.		Y	.....

C. Results

1. Distribution of Grades

Letter Grade	Number of Students	Student Percentage	Analysis of Distribution of Grades
A+	0	0 %	.....
A	0	0 %	.....
B+	0	0%	.....
B	1	11 %	.....
C+	3	33%	.....
C	2	22 %	.....
D+	1	11 %	.....
D	2	22 %	.....
F	0	0 %	.....
			.....
Denied Entry	0	0 %	.....
In Progress	0	0%	.....
Incomplete	0	0. %	.....
Pass	19	95%	.....

List course learning outcomes		List methods of assessment for each LO	Summary analysis of assessment results for each LO
	manufacturing systems, industrial systems and human factors		
3.0	**Interpersonal Skills & Responsibility**		
3.1	.....	.....	.....
3.2	.....	.....	.....
٣,٣	.....	.....	.....
٣,٤	.....	.....	.....
٣,٥	.....	.....	.....
٣,٦	.....	.....	.....
4.0	**Communication, Information Technology, Numerical**		
4.1			
4.2	.....	.....	.....
٤,٣	.....	.....	.....
٤,٤	.....	.....	.....
٤,٥	.....	.....	.....
٤,٦	.....	.....	.....
5.0	**Psychomotor**		
5.1	.....	.....	.....
5.2	.....	.....	.....
٥,٣	.....	.....	.....
٥,٤	.....	.....	.....
٥,٥	.....	.....	.....
٥,٦	.....	.....	.....

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

This course is mainly about design and implementation of motor drives, so if we can prepare a lab with different power electronics drives such as rectifiers, inverters and choppers, to give the students a chance to assemble such systems for electric drives, it will be great.

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	

inverter-fed induction motors.	**8**	**8**	

(*) 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
inverter-fed induction motors	This topic is very long and need deep knowledge about both SCIM and DFIM which is not exist.	If I teach this course again I'll reduce the topic of DC chopper to 4 hours and add the remaining 4 hours for this topic
.....	.....	.....
.....	.....	.....
.....	.....	.....

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	.....	.....	.....
١,٣			
١,٤	.....	.....	.....
١,٥	.....	.....	.....
١,٦	.....	.....	.....
2.0	**Cognitive Skills**		
2.1	an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability .	Standardized exams, Seminars and Assignments	.....
2.2	.....	.....	.....
٢,٣	An ability to identify, formulate, and solve engineering problems	Standardized exams, Oral exams, Micro projects	
٢,٤			
٢,٥	Broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context	Standardized exams, Seminars and Assignments	.....
٢,٦	An ability to use the techniques, skills and modern engineering tools necessary for engineering practice with proficiency in one of the three basic areas of Industrial Engineering namely:	Standardized exams, Seminars and Assignments	.....

Course Report

Institution :	Majmaah University	Date of CR	18 / 5 / 2016
College/ Department	Engineering / Electrical Engineering.....		

A Course Identification and General Information

1. Course title:	**Electric Motor Drives**	Code EE492	Section
2. Name of course instructor	Dr. Ahmed Galal	Location :	Alyahia Building
3. Year and semester to which this report applies:	First Semester 2016-2017		
4. Number of students starting the course?	9	Students completing the course?	9

5. Course components:

	Lecture	Tutorial	Laboratory/ Studio	Practical	Other	**Total**
Contact Hours	48	16	0	0	0	64
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 (*)**
Drive system components	**8**	**8**	
D.C motor drive systems	**8**	**8**	
D.C motors fed from single-phase rectifier circuits	**8**	**8**	
Mid-term exam 1	**2**	**2**	
Chopper-fed D.C motors	**8**	**8**	
Induction motor drive systems,	**8**	**8**	
Induction motors fed from A.C voltage controller	**8**	**8**	
Mid-term exam 2	**2**	**2**	

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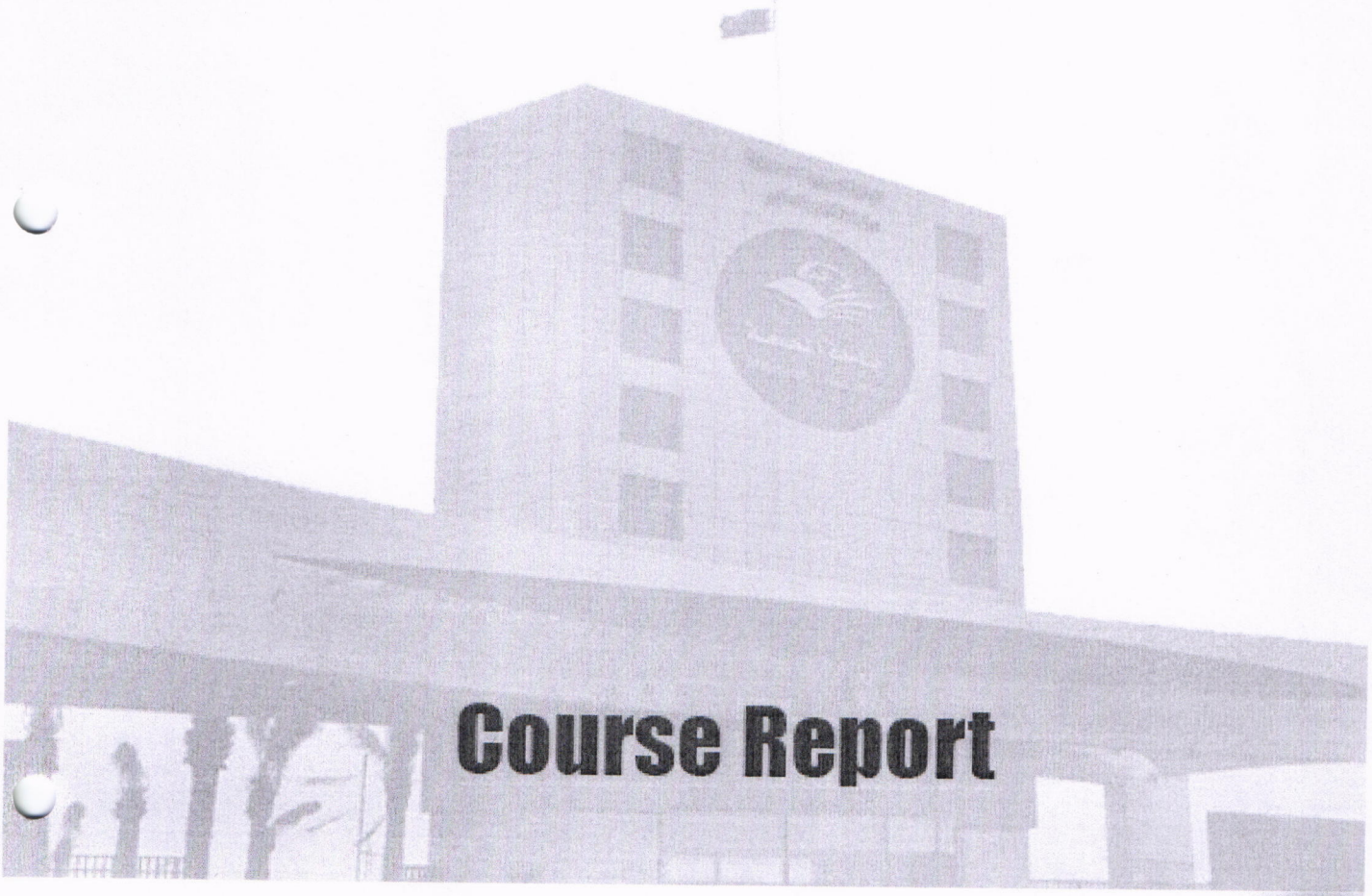
Majmaah University



Course Report

College: Engineering
Programme Electrical
Course : Electric Motor Drives

Muharram 1437 H

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