



CERTIFICATE

In accordance with the University of Jordan Law
& the results of examinations held at the school of
ENGINEERING
the Deans' Council decided on 14-01-2019 to award
Mr. SAMI KHALED MUHAMMED NOFAL
born in AMMAN in 1995 the
B.SC. DEGREE IN ELECTRICAL ENGINEERING
with an average of (2.66 out of 4) Rating : (Good)

Amman on 30-01-2019

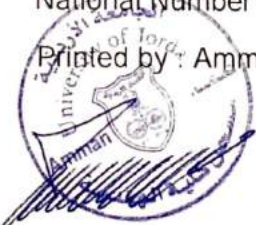
- N.B. : Any deletion or alteration affected to this document will render it invalid.
- As of the second semester 1995/1996, the university adapted the letter grade system.

Student Number : (0138086)

National Number : (9951030157)

Printed by : Ammar Mufleh

Registrar General



THE GRADING SYSTEM

نظام تقدير العلامات والمعدلات

As of the Second Semester 95/1996, the University of Jordan adopted a letter-grade system instead of the previous percentage numeral system.

حولت الجامعة النظام المنوي إلى الحروف في بداية الفصل الثاني ١٩٩٦/١٩٩٥

1- The Minimum Pass Grade For course and aggregate pass Average (percentage system) is:

١- الحد الأدنى للنجاح في المادة وفي المعدل التراكمي للنظام المنوي:

LEVEL	MARK	AVERAGE
B.A. & B.Sc.	50%	60%
Diploma	58%	65%
M.A. & M.Sc. and Ph.D.	70%	75%

المستوى	العلامة	المعدل التراكمي
البكالوريوس	%٥٠	%٦٠
الدبلوم	%٥٠	%٦٥
الماجستير والدكتوراه	%٧٠	%٧٥

2- The Minimum Pass Grade for Each Course and aggregate Pass Average (Point system) is:

٢- الحد الأدنى للنجاح في المادة والمعدل التراكمي للنظام بالنقاط:

LEVEL	MARK	AVERAGE
B.A. & B.Sc.	2.00 Point	2.00 Point
Diploma	2.50 Point	2.50 Point
M.A. & M.Sc. and Ph.D.	3.00	3.00

المستوى	العلامة	المعدل التراكمي
البكالوريوس	د	(٢) نقطتان
الدبلوم	ج	(٢.٥) نقطتان ونصف
الماجستير والدكتوراه	ج+	(٣) ثلاث نقاط

3- Point Rating of Marks in Letter Are:

٣- تخصص لعلامات المواد بالحروف النقاط التالية:-

4.0	C	2.0
3.75	C-	1.75
3.5	D+	1.5
3.0	D	1.0
2.75	D-	0.75
2.5	F	Zero

4.0	أ	٤.٠
3.75	أ-	٣.٧٥
3.5	ب+	٣.٥
3.0	ب	٣.٠
2.75	ب-	٢.٧٥
2.5	ج+	٢.٥

The following marks were added at the academic year 2011/2012: (A-, B-, C-, D-).

تم إضافة قيم علامات (أ-، ب-، ج-، د-) اعتباراً من بدء العام الجامعي ٢٠١٢/٢٠١١

4- Ratings of Aggregate Average For Point Marks Are:

- 3.65 – 4.00 Excellent
- 3.00 – 3.64 V. Good
- 2.50 – 2.99 Good
- 2.00 – 2.49 Satisfactory
- Below 2.00 Weak

5-The Minimum Pass Grade For Master Degree To Students Graduated Before Second Semester 1995 -1996 Is (Very Good)

٥- الحد الأدنى للمعجزة للماجستير لطلبة الذين تخرجوا قبل الفصل الثاني ١٩٩٥/١٩٩٥

6- Ratings of Grades And Averages For Courses –Before Second Semester 95-1996 are:

٦- تخصص لعلامة المادة والمعدلات التقادير التالية (قبل الفصل الثاني ١٩٩٦/١٩٩٥):

- 84 – 100 % Excellent
- 76 – 83.9% V. Good
- 68 – 75.9 % Good
- 60 – 67.9 % Satisfactory
- 50 – 59.9 % Weak
- Below 50 % Fail

٨٤%	-	١٠٠%	ممتاز
٧٦%	-	٨٣.٩%	جيد جداً
٦٨%	-	٧٥.٩%	جيد
٦٠%	-	٦٧.٩%	مقبول
٥٠%	-	٥٩.٩%	ضعيف
٥٠%	-	٥٠%	راسب

7-The Rating of Aggregate Average was as follows:

- 3.70 – 4.00 Excellent
- 3.00 – 3.69 V. Good

٧- كان التقدير المخصص للمعدل الفصلي والتراكمي كما يلي: ٣.٧٠ - ٤ ممتاز

According to Levels, till the end of the following semesters:

Levels	Last used up till
B.A. & B.Sc. & Diploma	Summer semester 2000/2001
M.A. & M.Sc. & Ph. D.	Summer semester 2001/2002

10 FEB 2019

الدرجة

آخر فصل / تطبيق التصديق

رئيس

الفصل الضيفي

٢٠١٩/٢٠٢٠

Saleem Ais

**CERTIFIED TRANSCRIPT**

The Registrar General of The University of Jordan testifies that

Mr. SAMI KHALED MUHAMMED NOFAL

born in AMMAN in 1995 was awarded the

B.SC. DEGREE IN ELECTRICAL ENGINEERING

by the school of **ENGINEERING**

with an average of (2.66 out of 4) rating : (Good) , in

the **FIRST** semester 2018 / 2019 , and during his study he obtained the following marks :

(FIRST semester 2013 / 2014)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0301101	CALCULUS I	03.0	D	03.00	REPEATED
0302101	GENERAL PHYSICS I	03.0	C-	05.25	REPEATED
0401100	ISLAMIC CULTURE	03.0	B-	08.25	
1501098	COMP. EXAM ARABIC LANG.	00.0			FAIL
1502098	ENGLISH LANG. EXAM.	00.0			PASS
1901098	COMPUTER SKILLS EXAM	00.0			PASS
2300100	NATIONAL EDUCATION	03.0	A	12.00	
semester average (3.38)					

(SECOND semester 2013 / 2014)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0301102	CALCULUS II	03.0	F	00.00	REPEATED
0302102	GENERAL PHYSICS II	03.0	F	00.00	REPEATED
0402100	ISLAMIC SYSTEM	03.0	F	00.00	REPEATED
0710100	FIRST AID	03.0	F	00.00	REPEATED
1931102	COMPUTER SKILLS FOR SCIENTIFIC FACULTIES	03.0	F	00.00	REPEATED
semester average (0.00)					

(SUMMER semester 2013 / 2014)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0301101	CALCULUS I	03.0	D-	02.25	REPEATED
0302101	GENERAL PHYSICS I	03.0	B+	10.50	***
0710100	FIRST AID	03.0	A-	11.25	***
semester average (3.63)					

(FIRST semester 2014 / 2015)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0301102	CALCULUS II	03.0		00.00	dropped
0302102	GENERAL PHYSICS II	03.0	C+	07.50	***
0305100	ENVIRONMENT	03.0	B+	10.50	
0907231	DIGITAL LOGIC	03.0	D-	02.25	REPEATED
1502100	ENGLISH COMMUNICATION SKILLS	03.0	A	12.00	
1931102	COMPUTER SKILLS FOR SCIENTIFIC FACULTIES	03.0	B+	10.50	***
semester average (3.38)					



CERTIFIED TRANSCRIPT

Cont./ Student Name: SAMI KHALED MUHAMMED NOFAL

(SECOND semester 2014 / 2015)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0301101	CALCULUS I	03.0	B	09.00	***
0302111	PRACTICAL PHYSICS I	01.0	B-	02.75	
0402100	ISLAMIC SYSTEM	03.0	B+	10.50	***
0903211	ELECTRICAL CIRCUITS (I)	03.0	C	06.00	
0904131	ENGINEERING GRAPHICS & DESCRIPTIVE GEOMETRY	03.0	B	09.00	
0907231	DIGITAL LOGIC	03.0	C	06.00	***

semester average (2.70)

(SUMMER semester 2014 / 2015)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0301102	CALCULUS II	03.0	C-	05.25	***
0302112	PRACTICAL PHYSICS II	01.0	B	03.00	
0907235	ASSEMBLY LANGUAGE & MICROPROCESSORS	03.0	C-	05.25	
1501099	REMEDIAL ARABIC	03.0			PASS

semester average (1.93)

(FIRST semester 2015 / 2016)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0301201	CALCULUS III	03.0	C-	05.25	
0903212	ELECTRICAL CIRCUITS (II)	03.0	D-	02.25	REPEATED
0903251	ELECTROMAGNETICS (I)	03.0	D-	02.25	REPEATED
0903261	ELECTRONICS (I)	03.0	B-	08.25	
0907234	DIGITAL LOGIC LAB	01.0	A	04.00	
0933201	COMPUTER APPLICATIONS	01.0	B+	03.50	
1501100	ARABIC COMMUNICATION SKILLS	03.0	B-	08.25	

semester average (2.66)

(SECOND semester 2015 / 2016)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0301202	ENGINEERING MATHEMATICS I	03.0	D+	04.50	
0903219	CIRCUITS LAB.	01.0	B-	02.75	
0903361	ELECTRONICS (II)	03.0	C	06.00	
0903371	ELECTRICAL MACHINES (I)	03.0	F	00.00	REPEATED
0953221	SIGNAL ANALYSIS & SYSTEMS	03.0	D-	02.25	REPEATED
2200100	MILITARY SCIENCES	03.0			PASS

semester average (1.89)

(SUMMER semester 2015 / 2016)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0903212	ELECTRICAL CIRCUITS (II)	03.0	C-	05.25	
0907333	EMBEDDED SYSTEMS	03.0	C+	07.50	
0943301	ENGINEERING NUMERICAL METHODS	03.0	C+	07.50	
0966201	TECHNICAL WRITING	01.0	B+	03.50	



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Cont./ Student Name: SAMI KHALED MUHAMMED NOFAL

(SUMMER semester 2015 / 2016)

semester average (2.38)

(FIRST semester 2016 / 2017)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0331302	ENGINEERING MATHEMATICS (2)	03.0	C	06.00	
0903471	ELECTRICAL MACHINES (2)	03.0	D-	02.25	REPEATED
0933341	INSTRUMENTATIONS & MEASUREMENTS	03.0	B-	08.25	
0953221	SIGNAL ANALYSIS & SYSTEMS	03.0	D-	02.25	REPEATED
0953321	PROBABILITY AND RANDOM VARIABLES	03.0	D-	02.25	REPEATED
0953421	COMMUNICATIONS (1)	03.0	D	03.00	

semester average (1.92)

(SECOND semester 2016 / 2017)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0903251	ELECTROMAGNETICS (I)	03.0	D	03.00	
0907334	EMBEDDED SYSTEMS LAB	01.0	A-	03.75	
0933368	ELECTRONICS LAB.	01.0	B-	02.75	
0933441	CONTROL SYSTEMS	03.0	D+	04.50	
0933481	POWER SYSTEM ANALYSIS (I)	03.0	F	00.00	REPEATED
0943424	DIGITAL SIGNAL PROCESSING	03.0	F	00.00	REPEATED
0953422	COMMUNICATIONS (2)	03.0	C+	07.50	
0953429	COMMUNICATIONS LAB	01.0	C+	02.50	

semester average (2.00)

(SUMMER semester 2016 / 2017)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0903351	ELECTROMAGNETICS (II)	03.0	C+	07.50	
0903425	COMMUNICATION SYSTEMS	03.0	B-	08.25	
0953523	TELEPHONE COMMUNICATION SYSTEMS	03.0	B	09.00	

semester average (2.75)

(SECOND SUMMER semester 2016 / 2017)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0903471	ELECTRICAL MACHINES (2)	03.0	C+	07.50	
0953221	SIGNAL ANALYSIS & SYSTEMS	03.0	B	09.00	
2601100	ARCHAEOLOGY OF JORDAN	03.0		00.00	dropped

semester average (2.75)



CERTIFIED TRANSCRIPT

Cont./ Student Name: SAMI KHALED MUHAMMED NOFAL

(FIRST semester 2017 / 2018)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0903448	MEASUREMENTS & CONTROL LAB.	01.0	B+	03.50	
0903489	ELECTRICAL POWER LAB.	01.0	B-	02.75	
0903549	SELECTED TOPICS IN CONTROL	03.0	B	09.00	
0903561	MEDICAL ELECTRONICS	03.0	A	12.00	
0933482	POWER SYSTEM ANALYSIS (II)	03.0	C	06.00	
0953321	PROBABILITY AND RANDOM VARIABLES	03.0	C	06.00	
0953522	CELLULAR COMMUNICATIONS	03.0	C-	05.25	
0966111	ENGINEERING WORKSHOPS	01.0	A	04.00	

semester average (2.69)

(SECOND semester 2017 / 2018)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0901420	ENGINEERING ECONOMY	03.0	B+	10.50	
0903371	ELECTRICAL MACHINES (I)	03.0	D+	04.50	
0903478	MACHINES LAB	01.0	B+	03.50	
0933481	POWER SYSTEM ANALYSIS (I)	03.0	B	09.00	
0943529	SELECTED TOPICS IN COMMUNICATIONS	03.0	C	06.00	
0973598	PROJECT 1	01.0	A	04.00	
2304100	GEOGRAPHY OF JORDAN	03.0	B+	10.50	

semester average (2.82)

(SUMMER semester 2017 / 2018)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0900500	PRACTICAL TRAINING	00.0			PASS

semester average (0.00)

(FIRST semester 2018 / 2019)

Course No.	Course Title	Cr.Hrs.	Mark	Points	Notes
0943424	DIGITAL SIGNAL PROCESSING	03.0	B	09.00	
0943461	POWER ELECTRONICS	03.0	A-	11.25	
0943524	OPTICAL COMMUNICATIONS & LASER	03.0	D+	04.50	
0973599	PROJECT 2	02.0	A	08.00	

semester average (2.98)

0900150 COMMUNITY SERVICE COMPLETED



CERTIFIED TRANSCRIPT

Cont./ Student Name: SAMI KHALED MUHAMMED NOFAL

Amman in : 30-01-2019

NOTES :-

1. Any deletion or alteration affected to this certificate will render it invalid.
2. Repeated or canceled courses are not calculated in semester & cumulative averages.
3. (***) course after repetition .
4. (****) (alternative / substitute) course.
5. Starting with the 1st sem. 2015/2016 will be considered the highest mark of the repeated course .

Student Number : (0138086)

National Number : (9951030157)

Printed by : Ammar Mufleh

Registrar General



THE GRADING SYSTEM

نظام تقدير العلامات والمعدلات

As of the Second Semester 95/1996, the University of Jordan adopted a letter-grade system instead of the previous percentage numeral system.

حولت الجامعة النظام المئوي إلى الحروف في بداية الفصل الثاني ١٩٩٦/١٩٩٥

1- The Minimum Pass Grade For course and aggregate pass Average (percentage system) is:

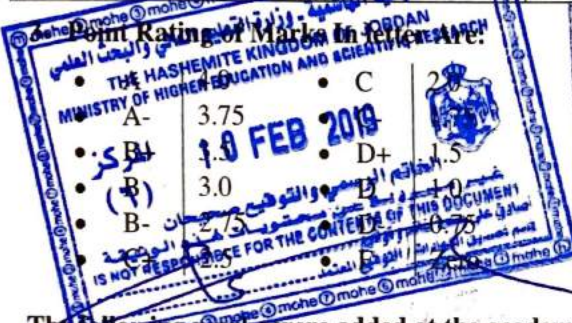
١- الحد الأدنى للنجاح في المادة وفي المعدل التراكمي للنظام المئوي:

LEVEL	MARK	AVERAGE	المعدل التراكمي	العلامة	المستوى
B.A. & B.Sc.	50%	60%	%٦٠	%٥٠	البكالوريوس
Diploma	50%	65%	%٦٥	%٥٠	الدبلوم
M.A. & M.Sc. and Ph.D.	70%	75%	%٧٥	%٧٠	الماجستير والدكتوراه

2- The Minimum Pass Grade for Each Course and aggregate pass Average (Point system) is:

٢- الحد الأدنى للنجاح في المادة والمعدل التراكمي للنظام بالنقاط:

LEVEL	MARK	AVERAGE	المعدل التراكمي	العلامة	المستوى
B.A. & B.Sc.	D	2.00 Point	(٢) نقطتان	د	البكالوريوس
Diploma		2.50 Point	(٢.٥) نقطتان ونصف	جـ	الدبلوم
M.A. & M.Sc. and Ph.D.		3.00	(٣) ثلاث نقاط	ج+	الماجستير والدكتوراه



٣- تخصص لعلامات المواد بالحروف النقاط التالية:

أ	٤.٠	→
أ-	٣.٧٥	→
ب+	٣.٥	→
ب	٣.٠	→
ب-	٢.٧٥	→
ج+	٢.٥	→

The following marks were added at the academic year 2011/2012:
(A-, B-, C-, D-).

4- Ratings of Aggregate Average For Point Marks Are:

- 3.65 – 4.00 Excellent
- 3.00 – 3.64 V. Good
- 2.50 – 2.99 Good
- 2.00 – 2.49 Satisfactory
- Below 2.00 Weak

5- The Minimum Pass Grade For Master Degree To Students Graduated Before Second Semester 1995 -1996 Is (Very Good)

٥- الحد الأدنى لمتح درجة الماجستير للطلبة الذين تخرجوا قبل الفصل الثاني ١٩٩٦/١٩٩٥

هو تقدير (جيد جداً)

6- Ratings of Grades And Averages For Courses –Before Second Semester 95-1996 are:

- 84 – 100 % Excel
- 76 – 83.9% V. Go
- 68 – 75.9 % Good
- 60 – 67.9 % Satisf
- 50 – 59.9 % Weak
- Below 50 % Fail

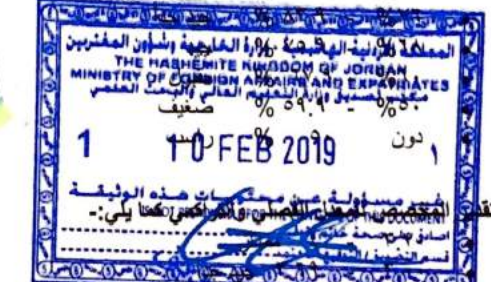
٦- تخصص لعلامة المادة والمعدلات التقدير التالية (قبل الفصل الثاني ١٩٩٦/١٩٩٥):

- %٨٤ - %١٠٠ ممتاز

7- The Rating of Aggregate Average was as follows:

- 3.70 – 4.00 Excellent
- 3.00 – 3.69 V. Good

According to Levels, till the end of the following semesters:



٧- كان التقدير حسب الدرجة العلمية ، وذلك حتى الفصل الدراسي التالية :

Levels

Last used up till

B.A. & B.Sc. & Diploma

Summer semester 2000/2001

M.A. & M.Sc. & Ph. D.

Summer semester 2001/2002

الدرجة

البكالوريوس والدبلوم

الفصل الصيفي ٢٠٠١/٢٠٠٠

الدراسات العليا