



Office of the Registrar  
9201 University City Blvd.  
Charlotte NC 28223-0001  
(704) 687-5505

This eDiploma has been digitally Signed and Certified on behalf of  
The University of North Carolina at Charlotte.

### Abdullah Mrked Sari Alruwaili

Institution: The University of North Carolina at Charlotte  
Degree: Bachelor of Science in Electrical Engineering  
Graduation Date: June 27, 2018

A handwritten signature in blue ink that reads "Christopher B. Knauer".

Christopher B. Knauer, University Registrar

This eDiploma was digitally Signed and Certified on Aug 03, 2018.

## One-Click Degree Verification

### eDiploma - Signed and Certified PDF

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# The University of North Carolina at Charlotte

By virtue of the authority vested in them and upon the recommendation  
of the Faculty, the Board of Trustees of the University  
has conferred on

**Abdullah Mrked Sari Alruwaili**

the degree of

**Bachelor of Science in Electrical Engineering**

In testimony whereof, the Seal of the University  
and the signatures of its officers are hereunto affixed this  
twenty-seventh day of June, two thousand and eighteen.

*Philip Dubois*  
Chancellor



*J. Price*  
Chair, Board of Trustees

الرقم : 778  
التاريخ : 1440-01-02  
الموضوع : طلب معادلة شهادة  
رقم النموذج : BC1439948327



المملكة العربية السعودية  
وزارة التعليم - التعليم العالي  
وكالة الوزارة للشئون التعليمية  
الإدارة العامة لمعادلة الشهادات الجامعية

## ((إشعار بنتيجة طلب معادلة شهادة))

اسم الطالب	رقم الهوية الوطنية
عبدالله بن مركد بن ساري الرويلي	1060933056

### بيانات الشهادة المطلوب معادلتها :-

بلد الدراسة	أمريكا
الدرجة الحاصل عليها	بكالوريوس
التخصص	هندسة كهربائية/Electrical Engineering
مسمى الشهادة	Bachelor of Science / بكالوريوس العلوم
الجامعة	UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE
سنة التخرج	2018 م

### قرار لجنة معادلة الشهادات الجامعية :-

القرار	معادلة
تعادل بدرجة	البكالوريوس (في التخصص ذاته)

### تنبيه هام جدًا :-

لا يعتبر هذا الإشعار صحيحا إلا بعد تدقيق صحة كامل البيانات الواردة في هذا الإشعار من قبل الجهة المستفيدة من خلال الدخول على الرابط التالي:

<https://eqs.moe.gov.sa/Certificate/Verification>

مدير عام الإدارة العامة لمعادلة الشهادات الجامعية  
د. هشام بن عبدالعزيز التويجري  
(نسخة إلكترونية)



حيث تعتمد الإدارة العامة لمعادلة الشهادات الجامعية على نظام إلكتروني متكامل فإنه لم يعد هنالك حاجة لإصدار أي قرارات ورقية ويجب على صاحب الطلب أو الجهة المستفيدة الرجوع إلى موقع وزارة التعليم لمعرفة نتيجة طلب المعادلة من الرابط أعلاه .

UNC Charlotte ID: 800793787 Date of Birth: 24-OCT  
Record of: Abdullah Mked Alruwaili

Date Issued: 09-JUL-2018  
Course Level: Undergraduate  
Page: 1

Primary Program  
Program : Electrical Engineering-BSEE  
Major : Electrical Engineering  
Minor : Mathematics

Degrees Awarded BS in Electrical Engineering 27-JUN-2018  
Ehrs: 171.00 GPA-Hrs: 143.00 Qpts: 394.00 GPA: 2.75  
Primary Degree  
Program : Electrical Engineering-BSEE  
Major : Electrical Engineering  
Minor : Mathematics

SUBJ NO. C COURSE TITLE CRED GRD PTS R

TRANSFER CREDIT ACCEPTED BY THE INSTITUTION:

06-08 Foreign Institution

COMM 0001 Comm Elective 4.00 TC  
ECCR 2111 Network Theory I 3.00 TB  
ECCR 2181 Logic System Design I 3.00 TC  
ECCR 4125 Found of Optical Engineering 3.00 TC  
INFO 2130 Intro to Business Computing 2.00 TA  
LACS 1201 Elementary Foreign Language 3.00 TA  
LACS 1202 Elementary Foreign Language 3.00 TA  
MATH 0001 Math Elective 3.00 TA  
TRNF 0001 Transfer Elective 2.00 TA  
TRNF 0001 Transfer Elective 2.00 TB  
TRNF 0001 Transfer Elective 1.00 TB  
TRNF 0001 Transfer Elective 1.00 TC  
TRNF 0001 Transfer Elective 1.00 TC  
Ehrs: 31.00 GPA-Hrs: 0.00 Qpts: 0.00 GPA: 0.00

201550 Central Piedmont CC

CHEM 1251 Principles of Chemistry Lab 3.00 TC  
CHEM 1251L Principles of Chemistry Lab 1.00 TC  
Ehrs: 4.00 GPA-Hrs: 0.00 Qpts: 0.00 GPA: 0.00

INSTITUTION CREDIT:

Fall 2012  
English Language Training Inst 0.00 S 0.00  
ELTI 0140 M ELTI Level 4 RW  
\*\*\*\*\* CONTINUED ON NEXT COLUMN \*\*\*\*\*

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Issued To:

Abdullah Alruwaili  
Picked up by Student  
Charlotte, NC 28262

*Christoph B. Krum*  
Registrar

SUBJ NO. C COURSE TITLE CRED GRD PTS R

Institution Information continued:  
ELTI 0141 M ELTI Level 4 AL 0.00 S 0.00  
ELTI 0142 M ELTI Level 4 LS 0.00 S 0.00  
ELTI 1000 M ELTI FULL-TIME 0.00 N 0.00  
Ehrs: 0.00 GPA-Hrs: 0.00 Qpts: 0.00 GPA: 0.00  
Good Standing

Spring 2013  
English Language Training Inst  
ELTI 0150 M ELTI Level 5 RW 0.00 S 0.00  
ELTI 0151 M ELTI Level 5 AL 0.00 S 0.00  
ELTI 0152 M ELTI Level 5 LS 0.00 S 0.00  
ELTI 1000 M ELTI FULL-TIME 0.00 N 0.00  
Ehrs: 0.00 GPA-Hrs: 0.00 Qpts: 0.00 GPA: 0.00  
Good Standing

Fall 2013  
Pre-Communication Studies  
ENGL 1101 M Writing and Inquiry in Academic Contexts I 3.00 C 6.00  
GEOG 1105 M Location of Human Activity 3.00 D 3.00  
MATH 0900 M Math Study Skills & Alg Review 1.00 A 4.00  
PHYS 1101 M Introductory Physics I 3.00 D 3.00  
PHYS 1101L M Introductory Physics I Lab 1.00 F 0.00  
Ehrs: 10.00 GPA-Hrs: 11.00 Qpts: 16.00 GPA: 1.45  
Probation

Spring 2014  
University College  
ENGL 1102 M Writing and Inquiry in Academic Contexts II 3.00 B 9.00  
GEOG 1200 M Physical Geology (no lab) 3.00 A 12.00  
LBST 1103 M Arts & Society:NUSTIC (MUSC) 3.00 A 12.00  
(A)  
LBST 2102 M Global Connections (RELS) (X) 3.00 A 12.00  
MATH 1100 M College Algebra & Prob 3.00 B 9.00  
Ehrs: 15.00 GPA-Hrs: 15.00 Qpts: 54.00 GPA: 3.60  
Dean's List  
Good Standing

Fall 2014  
University College  
\*\*\*\*\* CONTINUED ON PAGE 2 \*\*\*\*\*

UNC Charlotte ID: 800793787 Date of Birth: 24-OCT  
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Date Issued: 09-JUL-2018  
Course Level: Undergraduate  
Page: 2

SUBJ NO.	C	COURSE TITLE	CRED	GRD	PTS	R
Institution Information continued:						
ECON 2101	M	Principles of Economics-Macro	3.00	B	9.00	
LBST 2101	M	Western History & Culture (RELS)	3.00	A	12.00	
LBST 2211	M	Ethical Issues: Ethical Issues in Personal, Professional, and Public Life (PHIL)	3.00	A	12.00	
MATH 1103	M	Precalc Math Science & Engr	3.00	B	9.00	
Ehrs: 12.00		GPA-Hrs: 12.00	Qpts: 42.00	GPA: 3.50		
Dean's List						
Good Standing						
Spring 2015						
University College						
CHEM 1251	M	General Chemistry I	0.00	M	0.00	
CHEM 1251L	M	General Chemistry Lab I	0.00	W	0.00	
ENGR 1201	M	Intro to Engr Pract & Princ I	2.00	B	6.00	
LBST 2213	M	Science, Technology & Society (GEO)	3.00	A	12.00	
MATH 1241	M	Calculus I	3.00	B	9.00	
Ehrs: 8.00		GPA-Hrs: 8.00	Qpts: 27.00	GPA: 3.37		
Good Standing						
First Summer 2015						
University College						
PHYS 2101	D	Phys for Science & Engr I	3.00	A	12.00	
Ehrs: 3.00		GPA-Hrs: 3.00	Qpts: 12.00	GPA: 4.00		
Good Standing						
Second Summer 2015						
University College						
MATH 1242	M	Calculus II	3.00	B	9.00	
Ehrs: 3.00		GPA-Hrs: 3.00	Qpts: 9.00	GPA: 3.00		
Good Standing						
Fall 2015						
University College						
ECGR 2103	M	Computer Utilization in C++	3.00	C	6.00	
ECGR 2155	M	Instrumentation and Networks Lab	1.00	A	4.00	
ENGR 1202	M	Intro Engr Pract & Prin II	2.00	B	6.00	
Ehrs: 12.00		GPA-Hrs: 12.00	Qpts: 40.00	GPA: 2.66		
Good Standing						
***** CONTINUED ON NEXT COLUMN *****						

SUBJ NO.	C	COURSE TITLE	CRED	GRD	PTS	R
Institution Information continued:						
MATH 2171	M	Differential Equations	3.00	A	12.00	
PHYS 2101L	M	Phys for Science & Engr I Lab	1.00	B	3.00	
PHYS 2102	M	Phys for Science & Engr II	3.00	B	9.00	
Ehrs: 13.00		GPA-Hrs: 13.00	Qpts: 40.00	GPA: 3.07		
Good Standing						
Spring 2016						
Electrical Engineering						
ECGR 2112	M	Network Theory II	3.00	QF	0.00	
ECGR 2156	M	Logic and Networks Lab	1.00	B	3.00	
ECGR 2252	M	Elec Engineering Design I	2.00	B	6.00	
MATH 2241	M	Calculus III	3.00	C	6.00	
PHYS 3141	M	Intro to Modern Physics	3.00	D	3.00	
Ehrs: 9.00		GPA-Hrs: 9.00	Qpts: 18.00	GPA: 2.00		
Good Standing						
First Summer 2016						
Electrical Engineering						
ECGR 2112	M	Network Theory II	3.00	C	6.00	
Ehrs: 3.00		GPA-Hrs: 3.00	Qpts: 6.00	GPA: 2.00		
Good Standing						
Second Summer 2016						
Electrical Engineering						
ESCI 1101	D	Earth Science - Geog	3.00	A	12.00	
STAT 3128	M	Prob & Stat for Engineers	3.00	D	3.00	
Ehrs: 6.00		GPA-Hrs: 6.00	Qpts: 15.00	GPA: 2.50		
Good Standing						
Fall 2016						
Electrical Engineering						
ECGR 3111	M	Signals and Systems	3.00	D	3.00	A
ECGR 3121	M	Intro Electromagnetic Fields	3.00	C	6.00	
ECGR 3131	M	Fund Electronics & Semiconductor	3.00	B	9.00	
ECGR 3155	M	Systems & Electronics Lab	1.00	A	4.00	
ECGR 3157	M	ECE Junior Design	2.00	B	6.00	
MATH 2164	M	Matrices & Linear Algebra	3.00	A	12.00	
Ehrs: 12.00		GPA-Hrs: 15.00	Qpts: 40.00	GPA: 2.66		
Good Standing						
***** CONTINUED ON PAGE 3 *****						

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Page: 3

SUBJ NO.	C	COURSE TITLE	CRED GRD	PTS R
Institution Information continued:				
Spring 2017				
ECGR 3111	M	Electrical Engineering	3.00 C	6.00 I
ECGR 3132	M	Signals and Systems	3.00 F	0.00
ECGR 3142	M	Electronics	3.00 C	6.00
ECGR 3156	M	Electromagnetic Devices	1.00 B	3.00
ECGR 4090	M	Electromagnetic and Electronic Devices Laboratory	3.00 A	12.00
Ehrs: 10.00 GPA-Hrs: 13.00 Qpts: 27.00 GPA: 2.07				
Good Standing				
First Summer 2017				
ECGR 3122	M	Electrical Engineering	3.00 QF	0.00
ECGR 3122	M	Electromagnetic Waves	0.00 QF	0.00
Ehrs: 0.00 GPA-Hrs: 0.00 Qpts: 0.00 GPA: 0.00				
Good Standing				
Second Summer 2017				
MATH 3171	M	Electrical Engineering	3.00 B	9.00
		Applied Math	9.00 GPA:	3.00
Ehrs: 3.00 GPA-Hrs: 3.00 Qpts: 9.00 GPA: 3.00				
Good Standing				
Fall 2017				
ECGR 3112	M	Electrical Engineering	3.00 A	12.00
ECGR 3159	M	System Analysis II	2.00 B	6.00
ECGR 4123	M	Professional Practice	3.00 C	6.00
ECGR 4151	M	Analogy & Digital Communication	3.00 A	12.00
ECGR 4241	M	Solar Cell Fundamentals & Technlgy	2.00 B	6.00
ENGR 3295	M	Elec Engr Senior Design I	1.00 A	4.00
		Multidisciplinary Prof Dvlpmt	46.00 GPA:	3.28
Ehrs: 14.00 GPA-Hrs: 14.00 Qpts: 46.00 GPA: 3.28				
Good Standing				
Spring 2018				
ECGR 3122	M	Electrical Engineering	3.00 D	3.00
ECGR 3132	M	Electromagnetic Waves	3.00 C	6.00
ECGR 3132	M	Electronics	3.00 C	6.00
***** CONTINUED ON NEXT COLUMN *****				

SUBJ NO.	C	COURSE TITLE	CRED GRD	PTS R
Institution Information continued:				
First Summer 2018				
MEGR 4161	M	Electrical Engineering	3.00 C	6.00
MEGR 4242	M	Intro to Robotics	3.00 A	12.00
MEGR 3111	M	Elec Engr Senior Design II	0.00 W	0.00
		Thermodynamics I	27.00 GPA:	2.25
Ehrs: 12.00 GPA-Hrs: 12.00 Qpts: 27.00 GPA: 2.25				
Good Standing				
First Summer 2018				
MEGR 3111	M	Electrical Engineering	3.00 C	6.00
		Thermodynamics I	6.00 GPA:	2.00
Ehrs: 3.00 GPA-Hrs: 3.00 Qpts: 6.00 GPA: 2.00				
***** TRANSCRIPT TOTALS *****				
TOTAL INSTITUTION		Earned Hrs	GPA Hrs	Points
		136.00	143.00	394.00
TOTAL TRANSFER		35.00	0.00	0.00
OVERALL		171.00	143.00	394.00
***** END OF TRANSCRIPT *****				

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*Christophe B. Kwan*  
Registrar

**The University of North Carolina at Charlotte**

**Office of the Registrar**

9201 University City Boulevard  
Charlotte, NC 28223-0001  
704.687.5505

Revised June 30, 2017

**KEY TO TRANSCRIPT OF RECORDS**

OFFICIAL TRANSCRIPTS WILL BEAR THE PREPRESSED SEAL OF THE UNIVERSITY ON GREEN SAFETY PAPER. NO PARTIAL TRANSCRIPTS ARE ISSUED. A STUDENT IS IN GOOD STANDING UNLESS A STATEMENT TO THE CONTRARY APPEARS ON THE RECORD.

**INSTITUTIONAL NAME CHANGES**

(1946 – 1964) Charlotte College  
(1965 - Present) The University of North Carolina at Charlotte

**CALENDAR**

Semester

**UNIT OF CREDIT**  
Semester Hour

**GRADES**

Letters are used to designate the quality of work. The University has separate grading systems for undergraduate and graduate students.

**UNDERGRADUATE GRADES**

Quality Points Per Semester Hour

Letter	Meaning	Quality Point	Letter	Meaning
A	Excellent	4	A	Commendable
B	Good	3	B	Satisfactory
C	Fair	2	C	Marginal
D	Passing	1	F	Unsatisfactory
F	Failing	0	I	Incomplete
H	Honors	*	N	No Credit
I	Incomplete	*	P	Pass
N	No Credit	*	S	Satisfactory
P	Pass	*	U	Unsatisfactory
S	Satisfactory	*	W	Withdrawal
U	Unsatisfactory	*	WE	Extenuating
W	Withdrawal	*	W	Withdrawal
WE	Extenuating	*	W	Withdrawal
				Extenuating
				Circumstance
AI	Audit	*	AI	Audit
IP	In Progress	*	IP	In Progress
NR	No recognition given for audit	*	NR	No recognition given for audit

\*Not used in computation of grade point average

**GRADE INDICATORS**

Forgiveness  
C\* Count earned hours; Not Quality Points  
R\* I-include hours and Quality Points

Grade Replacement

Q\* Grade Replacement Policy effective Fall 2007 for undergraduate students

Other Grade Indicators

Y\* Transfer Credit

X\* Progression (August 1993 - April 1998)

Not used in computation of grade point average

Z No grade reported by instructor

**ATI - Undergraduate and graduate repeat notation.** When a graduate student repeats a course, no additional hours accrue, and the last grade replaces the previous grade in computing the grade point average and in the assignment of academic credit. However, all entries remain a part of the student's permanent record. As of Fall 1993, when an undergraduate student repeats a course, no additional hours accrue but all repeated grades are used to calculate the grade point average.

**FAIX - Temporary undergraduate and graduate grade designation because of absence.** Penalty imposed by Academic Integrity Board Hearing Panel. Code effective August 16, 1984.

**SL - Service Learning** integrated into the coursework to serve a pedagogical purpose.

Concurrent credits are earned through the Greater Charlotte Consortium.

The Grade Point Average (GPA), based on 4.0 maximum, is computed for only those hours attempted at UNC Charlotte or Institutional registration. Completed hours attempted are called "quality hours (QHRS)""

Honors - Honor courses are identified by an "H" suffix to the course number or by designation in the course title.

**COURSE NUMBERING SYSTEM AFTER 1986**

1000-2999	Lower division undergraduate
3000-4999	Upper division undergraduate
5000-5999	Graduate courses with parallel
6000-7999	Undergraduate courses at the 4000 level
8000-9999	Graduate certificate and Master's level courses
	Doctoral level courses

**FORGIVENESS POLICY**

Undergraduate students who have a break in enrollment from UNC Charlotte for a minimum period of 24 consecutive months or undergraduate students who have a break in enrollment from UNC Charlotte for a minimum of one regular semester and earn an Associate of Arts (AA), an Associate of Science (AS), an Associate of Fine Arts (AFA), or an Associate of Engineering (AE) degree are eligible for readmission with forgiveness. Students may be readmitted one time only under this policy.

If a student is readmitted with forgiveness, only those courses for which the student has received a grade of C- or above (or H or P) can be used for academic credit. Readmission under the forgiveness policy also resets the student's Waiver to the full 16 hours. The GPA will be based only on the courses that remain with the student and the courses taken after readmission. Eligibility for continued enrollment is determined as in the case of transfer students. To qualify for graduation with honors, a readmitted student must have a GPA computed on at least 48 hours taken in residence in which the UNC Charlotte GPA is based.

**ACCREDITATION STATEMENT**

The University of North Carolina at Charlotte is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (11866 Southern Lane, Decatur, Georgia 30033-4067, Telephone number 404-679-4500) to award baccalaureate, masters and doctoral degrees.

**RELEASE OF INFORMATION**

In accordance with the Family Educational Rights and Privacy Act of 1974 as amended, this information is provided solely for your own use and it may not be released to any other individual, agency or organization in any form without the written consent of the student.

**TO TEST FOR AUTHENTICITY**

Transcript globe 606 6155 be visible from both sides when held toward a light source. The back of this document has a green background and the name of the institution appears in white type. Apply fresh liquid bleach to the sample background printed below. Handshake; the paper is all torn fibers.

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