

KOLEJ TUNKU ABDUL RAHMAN

This is to certify that

LOW CHYI ERN

*is a scholarship recipient of the
Kolej Tunku Abdul Rahman Merit Scholarship
for*

*Diploma in Science
(Chemistry and Biology)*

Date: May 2009

A handwritten signature in black ink, appearing to be 'am' or similar, written over a horizontal line.

Principal

**ACADEMIC TRANSCRIPT**

Name: LOW CHYI ERN
 Registration No : 09WAD05008
 Identity Card No: 910520-03-5454
 Sex: FEMALE
 Programme: DIPLOMA IN SCIENCE (CHEMISTRY AND BIOLOGY)
 Award Conferred: -
 Remarks: Student has completed the programme and will be awarded the DIPLOMA IN SCIENCE (CHEMISTRY AND BIOLOGY) WITH MERIT of this College at the graduation ceremony to be held at a later date.

Year of Admission: May 2009
 School: SCHOOL OF ARTS AND SCIENCE
 Date of Leaving/Graduation: September 2011

Course Code	Course Title	Grade	Credit Hours	Credit Earned	Quality Points
Session: May 2009					
AACB1113	PHYSICAL CHEMISTRY	B+	3.0	3.0	10.50
AACB1133	INORGANIC CHEMISTRY	A	3.0	3.0	12.00
AACB1213	CELLS AND THEIR ORGANISATION	A-	3.0	3.0	11.25
AACB1253	BIOENERGETICS	A	3.0	3.0	12.00
AAMS1413	PRE-CALCULUS	A	3.0	3.0	12.00
AELE1133	ENGLISH LANGUAGE	B+	3.0	3.0	10.50
ASCG1012	NETBALL	S	2.0	2.0	-
Total:			20.0	20.0	68.25

GPA: 3.7916

CGPA: 3.7916

Total Credit Hours Earned : 20.0

Session: September 2009					
AACB1123	ORGANIC CHEMISTRY	B+	3.0	3.0	10.50
AACB1143	ANALYTICAL CHEMISTRY	B-	3.0	3.0	8.25
AACB1223	HOMEOSTASIS AND EXCRETION	B	3.0	3.0	9.00
AACB1243	RESPONSE AND COORDINATION	A	3.0	3.0	12.00
AAMS1433	INTRODUCTORY CALCULUS	A	3.0	3.0	12.00
AELE2263	ENGLISH FOR COMMUNICATION	B+	3.0	3.0	10.50
Total:			18.0	18.0	62.25

GPA: 3.4583

CGPA: 3.6250

Total Credit Hours Earned : 38.0

Session: March 2010					
AACB2153	CHEMISTRY AND SOCIETY	B	3.0	3.0	9.00
AACB2253	REPRODUCTION AND DEVELOPMENT	A	3.0	3.0	12.00
Total:			6.0	6.0	21.00

GPA: 3.5000

CGPA: 3.6071

Total Credit Hours Earned : 44.0

Session: May 2010					
AACB3113	CHEMICAL STRUCTURE AND ENERGETICS	A	3.0	3.0	12.00
AACB3214	BIODIVERSITY AND ECOLOGY	B	4.0	4.0	12.00
AACS2414	INFORMATION SYSTEMS AND APPLICATIONS	A	4.0	4.0	16.00
AAMS3433	CALCULUS	A	3.0	3.0	12.00

NO ALTERATIONS OR ERASURES

**ACADEMIC TRANSCRIPT**

Registration No : 09WAD05008

Identity Card No : 910520-03-5454

Course Code	Course Title	Grade	Credit Hours	Credit Earned	Quality Points
AAMS3453	ALGEBRA	A	3.0	3.0	12.00
Total:			17.0	17.0	64.00

GPA: 3.7647

CGPA: 3.6525

Total Credit Hours Earned : 61.0

Session: September 2010

AACB3124	PROPERTIES OF MATTER	A	4.0	4.0	16.00
AACB3223	STRUCTURAL BIOCHEMISTRY	A	3.0	3.0	12.00
AAMS3484	STATISTICS AND OPERATIONS RESEARCH	A	4.0	4.0	16.00
AELE3483	ENGLISH FOR SCIENCE	B+	3.0	3.0	10.50
AEMS3003	MORAL DAN ETIKA	B+	3.0	3.0	10.50
Total:			17.0	17.0	65.00

GPA: 3.8235

CGPA: 3.6907

Total Credit Hours Earned : 78.0

Session: March 2011

ABDM3513	BUSINESS ORGANISATION AND MANAGEMENT	A	3.0	3.0	12.00
AEMS2032	HUBUNGAN ETNIK	A	2.0	2.0	8.00
Total:			5.0	5.0	20.00

GPA: 4.0000

CGPA: 3.7098

Total Credit Hours Earned : 83.0

Session: May 2011

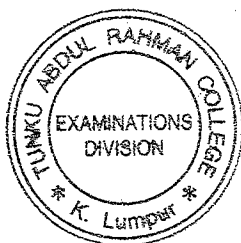
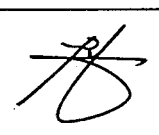
AACB3133	CHEMISTRY OF ELEMENTS AND ORGANIC COMPOUNDS	A	3.0	3.0	12.00
AACB3233	MICROBIOLOGY	A-	3.0	3.0	11.25
AACB3353	FORENSIC CHEMISTRY AND BIOLOGY	A-	3.0	3.0	11.25
AEMS1812	TAMADUN ISLAM DAN ASIA	A	2.0	2.0	8.00
Total:			11.0	11.0	42.50

GPA: 3.8636

CGPA: 3.7282

Total Credit Hours Earned : 94.0

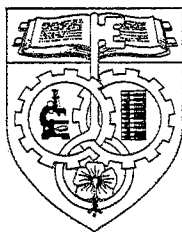
Date of Issue : 04 October 2011



 SENIOR DEPUTY REGISTRAR
 EXAMINATIONS AND CREDIT ACCUMULATION
 KOLEJ TUNKU ABDUL RAHMAN

NO ALTERATIONS OR ERASURES

KOLEJ TUNKU ABDUL RAHMAN

拉曼學院



TUNKU ABDUL RAHMAN COLLEGE

Dengan ini disahkan bahawa

茲証明

It is hereby certified that

LOW CHYI ERN

910520-03-5454

setelah tamat program yang diluluskan dan setelah
memuaskan Lembaga Pemeriksa telah dianugerahkan

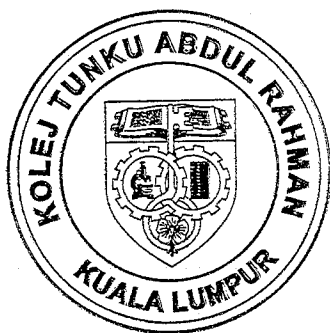
修業期滿成績及格准予畢業授予

having duly completed the approved programme of study and
having satisfied the Board of Examiners was awarded the

DIPLOMA SAINS
(KIMIA DAN BIOLOGI)
dengan Kepujian

理科文憑(化學與生物學)(優等)

DIPLOMA IN SCIENCE
(CHEMISTRY AND BIOLOGY)
with Merit




Pengetua / 院長 / Principal


Ketua Sekolah / 校主任 / Head of School


Pendaftar / 註冊主任 / Registrar

Tarikh / 日期 / Date: **22 SEPTEMBER 2011**

DW09050081

**ACADEMIC TRANSCRIPT**

Name: LOW CHYI ERN

Year of Admission: September 2011

Registration No : 11WAB08628

School: SCHOOL OF ARTS AND SCIENCE

Identity Card No: 910520-03-5454

Date of Leaving/Graduation: May 2013

Sex: FEMALE

Programme: ADVANCED DIPLOMA IN SCIENCE (CHEMISTRY AND BIOLOGY)

Award Conferred: -

Remarks: Student has completed the programme and will be awarded the ADVANCED DIPLOMA IN SCIENCE (CHEMISTRY AND BIOLOGY) WITH MERIT of this College at the graduation ceremony to be held at a later date.

The programme simultaneously prepared students for the Bachelor of Science Degree Programme, Campbell University, United States of America.

Course Code	Course Title	Grade	Credit Hours	Credit Earned	Quality Points
Session: September 2011					
AACB4124	TRANSITION ELEMENTS AND COORDINATION COMPOUNDS	A	3.0	3.0	12.00
AACB4124L	TRANSITION ELEMENTS AND COORDINATION COMPOUNDS (P)	C+	1.0	1.0	2.50
AACB4164	SPECTROSCOPY AND PROPERTIES OF ORGANIC COMPOUNDS	B	3.0	3.0	9.00
AACB4164L	SPECTROSCOPY AND PROPERTIES OF ORGANIC COMPOUNDS (P)	A-	1.0	1.0	3.75
AACB4214	BIOCHEMISTRY I	A	3.0	3.0	12.00
AACB4214L	BIOCHEMISTRY I (P)	A	1.0	1.0	4.00
AACB4224	PHYSIOLOGY I	A	3.0	3.0	12.00
AACB4224L	PHYSIOLOGY I (P)	A-	1.0	1.0	3.75
AACB4244	PRINCIPLES OF GENETICS	B	3.0	3.0	9.00
AACB4244L	PRINCIPLES OF GENETICS (P)	B+	1.0	1.0	3.50
Total:			20.0	20.0	71.50

GPA: 3.5750

CGPA: 3.5750

Total Credit Hours Earned : 20.0

Session: March 2012

AELE4183	ENGLISH FOR THE PROFESSION	B+	3.0	3.0	10.50
AHLA4263	INTRODUCTION TO THE SHORT STORY	B+	3.0	3.0	10.50
AHLA4313	MUSIC APPRECIATION	B+	3.0	3.0	10.50
Total:			9.0	9.0	31.50

GPA: 3.5000

CGPA: 3.5517

Total Credit Hours Earned : 29.0

Session: May 2012

AACB4114	THERMODYNAMICS AND ELECTROCHEMISTRY	B	3.0	3.0	9.00
AACB4114L	THERMODYNAMICS AND ELECTROCHEMISTRY (P)	B+	1.0	1.0	3.50
AACB4134	KINETICS, MECHANISMS AND STEREOCHEMISTRY	B+	3.0	3.0	10.50
AACB4134L	KINETICS, MECHANISMS AND STEREOCHEMISTRY (P)	A	1.0	1.0	4.00
AACB4254	IMMUNOLOGY AND ADVANCED MICROBIOLOGY	B+	3.0	3.0	10.50
AACB4254L	IMMUNOLOGY AND ADVANCED MICROBIOLOGY (P)	A	1.0	1.0	4.00

NO ALTERATIONS OR ERASURES

**ACADEMIC TRANSCRIPT**

Registration No : 11WAB08628

Identity Card No : 910520-03-5454

Course Code	Course Title	Grade	Credit Hours	Credit Earned	Quality Points
AACB5233	BIOCHEMISTRY II	B+	2.0	2.0	7.00
AACB5233L	BIOCHEMISTRY II (P)	A-	1.0	1.0	3.75
Total:			15.0	15.0	52.25

GPA: 3.4833

CGPA: 3.5284

Total Credit Hours Earned : 44.0

Session: September 2012

AACB5123	INDUSTRIAL ORGANIC CHEMISTRY	B+	2.0	2.0	7.00
AACB5123L	INDUSTRIAL ORGANIC CHEMISTRY (P)	A-	1.0	1.0	3.75
AACB5133	INSTRUMENTAL METHODS OF CHEMICAL ANALYSIS	B	2.0	2.0	6.00
AACB5133L	INSTRUMENTAL METHODS OF CHEMICAL ANALYSIS (P)	A-	1.0	1.0	3.75
AACB5153	ENVIRONMENTAL CHEMISTRY AND TECHNOLOGY	B-	2.0	2.0	5.50
AACB5153L	ENVIRONMENTAL CHEMISTRY AND TECHNOLOGY (P)	A	1.0	1.0	4.00
AACB5253	PHYSIOLOGY II	A	2.0	2.0	8.00
AACB5253L	PHYSIOLOGY II (P)	A	1.0	1.0	4.00
AACB5263	BIOTECHNOLOGY	A	2.0	2.0	8.00
AACB5263L	BIOTECHNOLOGY (P)	B+	1.0	1.0	3.50
Total:			15.0	15.0	53.50

GPA: 3.5666

CGPA: 3.5381

Total Credit Hours Earned : 59.0

Session: March 2013

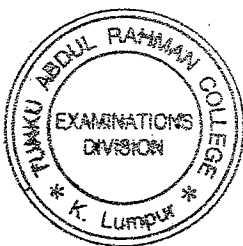
AACB5016	PROJECT	A-	6.0	6.0	22.50
AACB5102	MATERIALS SCIENCE	B	2.0	2.0	6.00
AACB5202	DEVELOPMENTAL BIOLOGY	B-	1.0	1.0	2.75
AACB5202L	DEVELOPMENTAL BIOLOGY (P)	A-	1.0	1.0	3.75
Total:			10.0	10.0	35.00

GPA: 3.5000

CGPA: 3.5326

Total Credit Hours Earned : 69.0

Date of Issue : 08 May 2013

SENIOR DEPUTY REGISTRAR
EXAMINATIONS AND CREDIT ACCUMULATION
KOLEJ TUNKU ABDUL RAHMAN

NO ALTERATIONS OR ERASURES

Campbell University

on the recommendation of the Faculty of
The College of Arts and Sciences

the Board of Trustees has conferred upon

From Ohgi Fern

the degree of

Master of Science

Chun Fande

with all the rights, honors and privileges thereto appertaining.

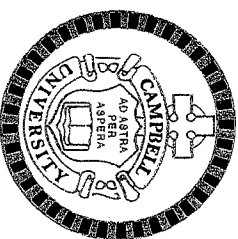
In Testimony Whereof, the seal of the University has been affixed at Shuies Creek,

North Carolina, this twelfth day of October, two thousand and thirteen.

Reginald H. Jagers
Chairman of the Board of Trustees

Henry M. Waller
President of the University

Mark Z. Hammond
Dean



Michael D. Moore
Provost

OFFICE OF THE REGISTRAR
CAMPBELL UNIVERSITY
PO BOX 367
BUIES CREEK, NC 27506

STUDENT ACADEMIC TRANSCRIPT

REGISTRAR'S
SIGNATURE



STUDENT NAME		BIRTH DATE	SEX	STUDENT NUMBER	MAJOR
LOW CHYI ERN		20 MAY 1991	FEMALE	11WAB08628	CHEMISTRY AND BIOLOGY
DEGREE EARNED	10/2013	BS BACHELOR OF SCIENCE	CGPA 3.5036	GC CUM LAUDE	

Academic Year 2011/12

CRED FR TARC : 94.0

	GRD	HOOR	PASS	QPTS
AACB1113 PHYSICAL CHEMISTRY			3.0	
AACB1123 ORGANIC CHEMISTRY			3.0	
AACB1133 INORGANIC CHEMISTRY			3.0	
AACB1143 ANALYTICAL CHEMISTRY			3.0	
AACB1213 CELL&THEIR ORGANISATION			3.0	
AACB1223 HOMEOSTASIS & EXCRETION			3.0	
AACB1243 RESPONSE & COORDINATION			3.0	
AACB1253 BIOENERGETICS			3.0	
AACB2153 CHEMISTRY AND SOCIETY			3.0	
AACB2253 REPRODUCTION & DEV			3.0	
AACB3113 CHEM STRUC & ENERGETICS			3.0	
AACB3124 PROPERTIES OF MATTER			4.0	
AACB3133 CHEM ELEMENT&ORG COMPD			3.0	
AACB3214 BIODIVERSITY & ECOLOGY			4.0	
AACB3223 STRUCTURAL BIOCHEMISTRY			3.0	
AACB3233 MICROBIOLOGY			3.0	
AACB3353 FORENSIC CHEMISTRY&BIO			3.0	
AACS2414 INFO SYS & APPLICATIONS			4.0	
AAMS1413 PRE-CALCULUS			3.0	
AAMS1433 INTRODUCTORY CALCULUS			3.0	
AAMS3433 CALCULUS			3.0	
AAMS3453 ALGEBRA			3.0	
AAMS3484 STATS & OPER. RESEARCH			4.0	
ABDM3513 BUSINESS ORG & MGMT			3.0	
AELE1133 ENGLISH LANGUAGE			3.0	
AELE2263 ENGLISH FOR COMM			3.0	
AELE3483 ENGLISH FOR SCIENCE			3.0	
AEMS1812 TAMADUN ISLAM DAN ASIA			2.0	
AEMS2032 HUBUNGAN ETNIK			2.0	
AEMS3003 MORAL DAN ETIKA			3.0	
ASCG1012 NETBALL			2.0	

Academic Year 2011/12

	GRD	HOOR	PASS	QPTS
AACB4124 TRANSI ELEM&COORD COMPD	A-	3.0	3.0	11.25
AACB4124L TRANSI ELEM&COORD COMPD	C+	1.0	1.0	2.50
AACB4164 SPEC& PROP OF ORG COMPD	B	3.0	3.0	9.00
AACB4164L SPEC& PROP OF ORG COMPD	A-	1.0	1.0	3.75
AACB4214 BIOCHEMISTRY I	A-	3.0	3.0	11.25
AACB4214L BIOCHEMISTRY I	A	1.0	1.0	4.00
AACB4224 PHYSIOLOGY I	A-	3.0	3.0	11.25
AACB4224L PHYSIOLOGY I	A-	1.0	1.0	3.75
AACB4244 PRINCIPLES OF GENETICS	B-	3.0	3.0	8.25
AACB4244L PRINCIPLES OF GENETICS	B+	1.0	1.0	3.50
AELE4183 ENGLISH FOR PROFESSION	A	3.0	3.0	12.00
AHLA4263 INTRO TO SHORT STORY	B+	3.0	3.0	10.50
AHLA4313 MUSIC APPRECIATION	B+	3.0	3.0	10.50
2011/12 GPA = 3.5000		29.0	29.0	101.50
CUMULATIVE GPA 3.5000		29.0	123.0	101.50

Academic Year 2012/13

	GRD	HOOR	PASS	QPTS
AACB4114 THERMODYN & ELECTROCHEM	A-	3.0	3.0	11.25
AACB4114L THERMODYN & ELECTROCHEM	B+	1.0	1.0	3.50
AACB4134 KINE, MECH & STEREOCHEM	A	3.0	3.0	12.00
AACB4134L KINE, MECH & STEREOCHEM	A	1.0	1.0	4.00
AACB4254 IMMUNO & ADV MICROBIO	B+	3.0	3.0	10.50
AACB4254L IMMUNO & ADV MICROBIO	A	1.0	1.0	4.00
AACB5233 BIOCHEMISTRY II	B-	2.0	2.0	5.50
AACB5233L BIOCHEMISTRY II	A-	1.0	1.0	3.75
2012/13 GPA = 3.6333		15.0	15.0	54.50
CUMULATIVE GPA 3.5454		44.0	138.0	156.00
AACB5016 PROJECT	A-	6.0	6.0	22.50
AACB5102 MATERIALS SCIENCE	B-	2.0	2.0	5.50
AACB5123 INDUSTRIAL ORGANIC CHEM	B	2.0	2.0	6.00

Academic Year 2012/13

	GRD	HOOR	PASS	QPTS
AACB5123L INDUSTRIAL ORGANIC CHEM	A-	1.0	1.0	3.75
AACB5133 INSTR METD OF CHEM ANA	B	2.0	2.0	6.00
AACB5133L INSTR METD OF CHEM ANA	A-	1.0	1.0	3.75
AACB5153 ENVIRONMENTAL CHEM&TECH	B-	2.0	2.0	5.50
AACB5153L ENVIRONMENTAL CHEM&TECH	A	1.0	1.0	4.00
AACB5202 DEVELOPMENTAL BIOLOGY	B+	1.0	1.0	3.50
AACB5202L DEVELOPMENTAL BIOLOGY	A-	1.0	1.0	3.75
AACB5253 PHYSIOLOGY II	A	2.0	2.0	8.00
AACB5253L PHYSIOLOGY II	A	1.0	1.0	4.00
AACB5263 BIOTECHNOLOGY	B	2.0	2.0	6.00
AACB5263L BIOTECHNOLOGY	B+	1.0	1.0	3.50
2012/13 GPA = 3.4300		25.0	25.0	85.75
CUMULATIVE GPA 3.5036		69.0	163.0	241.75



**LEMBAGA PEPERIKSAAN
EXAMINATIONS SYNDICATE**

Calon yang tersebut namanya di bawah telah mengambil
Peperiksaan Sijil Pelajaran Malaysia dan berkeelayakan untuk menerima

SIJIL PELAJARAN MALAYSIA

Calon ini telah mencapai kelulusan seperti yang tercatat di bawah
bagi mata pelajaran berkenaan.

LOW CHYI ERN

910520-03-5454

PA140A123

SMJK UNION PULAU PINANG

Mata Pelajaran
Subject

Gred
Grade

BAHASA MELAYU

1A (SATU)

BAHASA INGGERIS

2A (DUA)

PENDIDIKAN MORAL

2A (DUA)

SEJARAH

2A (DUA)

MATHEMATICS

1A (SATU)

ADDITIONAL MATHEMATICS

1A (SATU)

PHYSICS

4B (EMPAT)

CHEMISTRY

1A (SATU)

BIOLOGY

2A (DUA)

BAHASA CINA

3B (TIGA)

ENGLISH FOR SCIENCE AND TECHNOLOGY


3B (TIGA)

JUMLAH MATA PELAJARAN SEBELAS

PEPERIKSAAN TAHUN 2008

081779729

A 00259952


Pengarah Peperiksaan
Director of Examinations

Kementerian Pelajaran Malaysia
Ministry of Education Malaysia