



UNIVERSITY OF MARYLAND

Office of the University Registrar • College Park, Maryland 20742

OFFICIAL TRANSCRIPT

Student: Chen, Yi-Hsuan
University ID: 117414370
DOB (mm/dd): 09/19
Issued: 01/25/2024

Fall 2022 GRADUATE SCHOOL

AEROSPACE ENGINEERING

ENAE631 HELICOPTER AERODYN I 3.00 B+
ENAE788K CONTROL THEORY 3.00 A
SEM : ATT 6.00 ERN 6.00 GPA 3.650
GRPGM: ERN 6.00 GPA 3.650

Spring 2023 GRADUATE SCHOOL

AEROSPACE ENGINEERING

ENAE646 ADVANCED DYNAMICS OF AER 3.00 B
ENAE788V MOTION PLNGN AUTNMS SYS 3.00 A+
ENME808T NETWORK CONTROL SYSTEMS 3.00 A+
SEM : ATT 9.00 ERN 9.00 GPA 3.666
GRPGM: ERN 15.00 GPA 3.660

Fall 2023 GRADUATE SCHOOL

AEROSPACE ENGINEERING

CMSC754 COMPUTATIONAL GEOMETRY 3.00 B
ENAE898 PRE-CANDIDACY RESEARCH 1.00 S
SEM : ATT 3.00 ERN 4.00 GPA 3.000
GRPGM: ERN 19.00 GPA 3.550

GRAD PROGRAM CREDIT : 19.00
GRAD PROGRAM GPA : 3.550

***** END OF TRANSCRIPT *****

Adrian Raul Cornelius
Executive Director of Enrollment Management
and University Registrar



Student Name : Yi-Hsuan Chen

Program Degree : Master of Science With Thesis in Mechanical Engineering

Degree Earned on: 23.06.2022

Student ID: 178914

BP No: 5000016579

Credits					Credits				
Course Number	Course Title	Grade	Attmpt	Earn	Course Number	Course Title	Grade	Attmpt	Earn
Fall-2020/21 Mechanical Engineering					Summer-2020/21 Mechanical Engineering				
AMCS 201	Applied Mathematics I	A	3.0	3.0	ME 297B	Master's Thesis Research	IP	6.0	6.0
AMCS 251	Numerical Linear Algebra	B	3.0	3.0					
ME 221A	Control Theory	A	3.0	3.0	Semester GPA	Not Applicable		6.0	6.0
ME 222A	Mechatronics and Intelligent Systems	A-	3.0	3.0	Cumulative GPA	3.81		30.0	30.0
ME 398	Graduate Seminar	S	0.0	0.0					
					Fall-2021/22 Mechanical Engineering				
Semester GPA	3.67		12.0	12.0	ECE 376	Robust Control	A	3.0	3.0
Cumulative GPA	3.67		12.0	12.0	ME 297	Master's Thesis Research	IP	9.0	9.0
Winter-2020/21 Mechanical Engineering					ME 398	Graduate Seminar	S	0.0	0.0
WE	WE Courses	S	0.0	0.0					
					Semester GPA	4.00		12.0	12.0
Semester GPA	Not Applicable		0.0	0.0	Cumulative GPA	3.83		42.0	42.0
Cumulative GPA	3.67		12.0	12.0					
Spring-2020/21 Mechanical Engineering					Spring-2021/22 Mechanical Engineering				
ECE 372	Dynamic Programming and Optimal Control	A	3.0	3.0	ME 297	Master's Thesis Research	S	12.0	12.0
ME 221B	Control Theory	A	3.0	3.0	ME 398	Graduate Seminar	S	0.0	0.0
ME 222B	Mechatronics and Intelligent Systems	A	3.0	3.0					
ME 297	Master's Thesis Research	IP	3.0	3.0	Semester GPA	Not Applicable		12.0	12.0
ME 398	Graduate Seminar	S	0.0	0.0	Cumulative GPA	3.83		54.0	54.0
Semester GPA	4.00		12.0	12.0	Cumulative GPA:	3.83			
Cumulative GPA	3.81		24.0	24.0	Earned Credits:	54.00			
					* Not Included in GPA (Transfer Credits)				
					** Not Included in the Attempted and Earned Credits				
					(100 Level Courses)				

THE OFFICIAL SIGNATURE IS WHITE

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Gavin Gomez, University Registrar

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Student Name : Yi-Hsuan Chen

Program Degree : Master of Science With Thesis in Mechanical Engineering

Degree Earned on: 23.06.2022

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Credits				Credits					
Course Number	Course Title	Grade	Attmp	Earn	Course Number	Course Title	Grade	Attmp	Earn
End of Academic Record									

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Office of the University Registrar

4700 King Abdullah University of Science and Technology Thuwal 23955-6900 Kingdom of Saudi Arabia
Phone: +966 12 808 0505 Email: registraroffice@kaust.edu.sa

King Abdullah University of Science and Technology uses a 4.0 point grading scale as follows:

A	=	4.00
A-	=	3.67
B+	=	3.33
B	=	3.00
B-	=	2.67
C+	=	2.33
C	=	2.00
C-	=	1.67
D+	=	1.33
D	=	1.00
D-	=	0.67
F	=	0.00

The following grades do not affect the grade point average

AU	=	Audit
I	=	Incomplete
IP	=	In Progress
S	=	Satisfactory
U	=	Unsatisfactory
W	=	Withdrew
WF	=	Withdrew Fail

TO TEST FOR AUTHENTICITY: The face of this transcript is printed on gray SCRIP-SAFE® paper with the name of the institution appearing in white type over the face of the entire document.

KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY • KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY • KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY • KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY • KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY • KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY • KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY • KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY • KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY • KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

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NATIONAL CHENG KUNG UNIVERSITY
No.1, University Road, Tainan City 701, Taiwan (R.O.C.)
RECORD OF COURSES COMPLETED

Page : 1 / 2
Date Issued: September 16, 2019

Name: CHEN, YI-HSUAN (陳誼軒)
Date of Birth: September 19, 1997 Date Enrolled: September 2015 Student ID: F44041173
Degree Conferred: (1) B.S. June 2019 College: Engineering
Department: Aeronautics and Astronautics
(2) ***** College: *****
Department: *****

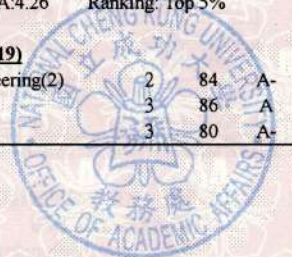
Minor in: *****

The following record is certified as correct according to the records of the Registration Office.

Course No.	Course Title	Credits	Score	Grade	Course No.	Course Title	Credits	Score	Grade
Fall 2015 (Sep.2015 - Jan.2016)					GE2174	Ethics	2	86	A
OPE0300	Physical Education (1)	0	95	A+	GE2416	Aquaculture and You	2	88	A
MATH1021	Calculus (1)	3	97	A+	Attempt:20 Earned:20 Cum Credits:86				
AA1072	Engineering Graphics	1	92	A+	Moral Conduct:85 Term Avg:91.1 Term GPA:4.20 Ranking: Top 5%				
AA1071	Machine Shop Practices	1	89	A	Note:				
AA1004	Program Design	3	95	A+	Outstanding student for the academic achievement in the school year				
AA1201	General Physics (1)	3	92	A+	2016-2017				
AA0101	Service Study (1)	0	Good		Fall 2017 (Sep.2017 - Jan.2018)				
AA1005	Introduction to Aeronautical Engineering	1	91	A+	EE1510	Introduction to Computers (1)	3	◎ W	
FLL1017	Oral Communication for Academic Purposes	2	76	B	AA4671	Thermal-fluid Lab.	1	89	A
CL1001	Chinese(1)	2	80	A-	AA2203	Aircraft Structures(1)	3	93	A+
GE2141	Decoding Contemporary Taiwan Cinema	2	87	A	AA3302	Introduction to Control Systems	3	93	A+
PE1004	Introduction to Jurisprudence	2	88	A	AA3102	Heat Transfer	3	94	A+
Attempt:20 Earned:20 Cum Credits:20					AA3011	Engineering Mathematics (3)	3	97	A+
Moral Conduct:88 Term Avg:89.3 Term GPA:4.04 Semester Ranking: 4/63					AA3603	Aircraft Weight & Balance, and Dispatch of Civil Airplane	3	95	A+
Spr 2016 (Feb.2016 - Jun.2016)					GE2576	A Daily Intake of Microbes	2	90	A+
OPE0339	Water Aerobics and Healthy Physical Fitness	0	86	A	Attempt:18 Earned:18 Cum Credits:104				
MATH1022	Calculus (2)	3	99	A+	Moral Conduct:88 Term Avg:93.6 Term GPA:4.28 Ranking: Top 5%				
AA1003	Statics	2	98	A+	Spr 2018 (Feb.2018 - Jun.2018)				
AA1005	General Physics (2)	3	98	A+	AA3101	Aircraft Engines	3	83	A-
AA0102	Service Study (2)	0	Pass		AA3401	Aerodynamics (1)	3	94	A+
AA1073	Mechanical Engineering Drawing	1	84	A-	AA3371	Guidance and Control Laboratory	1	85	A
AA2202	Engineering Materials Science	3	83	A-	AA3301	Flight Mechanics	3	94	A+
FLL1016	Basic English for Academic Purposes	2	99	A+	EE3450	Signals and Systems	3	◎ 96	A+
CL1002	Chinese(2)	2	83	A-	AA3313	Introduction to Communications	3	87	A
GE2235	Understanding Modern Law Through Cases of The Romans	2	91	A+	AA4311	Computer Control of Feedback Systems	3	92	A+
GE1435	Introduction to Musicology	2	91	A+	AA3602	Aircraft System and Operation	3	78	B+
PE1001	Civil Society	2	88	A	AA3692	Special Topic on Aeronautics and Astronautics(1)	2	92	A+
Attempt:22 Earned:22 Cum Credits:42					Attempt:24 Earned:24 Cum Credits:128				
Moral Conduct:88 Term Avg:92.0 Term GPA:4.11 Semester Ranking: 2/61					Moral Conduct:88 Term Avg:89.2 Term GPA:4.05 Ranking: Top 5%				
Note:					Note:				
Outstanding student for the academic achievement in the school year					TOEIC: a score of 750 or higher				
2015-2016					English Proficiency Requirement Fulfilled				
Fall 2016 (Sep.2016 - Jan.2017)					Outstanding student for the academic achievement in the school year				
OPE0110	Basketball	0	77	B+	2017-2018				
AA1004	Dynamics	3	82	A-	Fall 2018 (Sep.2018 - Jan.2019)				
AA0103	Service Study (3)	0	Good		AA3601	Aircraft Design	3	90	A+
AA2101	Thermodynamics (1)	3	69	C+	AA4693	Capstone Project on Aerospace Engineering(1)	2	92	A+
AA2001	Engineering Mathematics (1)	3	95	A+	ES5551	Design and Implementation of Robots	3	91	A+
AA2301	Electronic Circuits	3	93	A+	AA3011	Applied Linear Algebra	3	95	A+
AA2512	Introduction Civil Aeronautics	2	82	A-	AA4692	Special Topic on Aeronautics & Astronautics(2)	2	86	A
AA2014	Computer Aided Creative Design	3	83	A-	AA4312	Control System Design	3	93	A+
AA2211	Aircraft Materials	3	91	A+	COS5016	Fast Fourier Transform and Its Applications on Physiological Signals	△1	100	A+
GE2436	Gene Code	2	90	A+	COS5017	Mathematics in Modern Cryptography	△1	86	A
GE2414	Animal Parasitology & Life	2	77	B+	ME7608	Dynamics & Control of Electric Motors	3	W	
Attempt:24 Earned:24 Cum Credits:66					AA7311	Flight Vehicle Dynamics	3	94	A+
Moral Conduct:88 Term Avg:84.9 Term GPA:3.77 Ranking: Top 10%					Attempt:21 Earned:21 Cum Credits:149				
Spr 2017 (Feb.2017 - Jun.2017)					Moral Conduct:88 Term Avg:92.0 Term GPA:4.26 Ranking: Top 5%				
OPE0036	Kick Boxing(male,female)	0	95	A+	Spr 2019 (Feb.2019 - Jun.2019)				
AA2002	Engineering Mathematics (2)	3	96	A+	AA4694	Capstone Project on Aerospace Engineering(2)	2	84	A-
AA2201	Mechanics of Materials	3	90	A+	CSIE1002	Program Design(2)	3	86	A
AA2401	Fluid Mechanics	3	91	A+	AA3402	Aerodynamics (2)	3	80	A-
AA2271	Structure and Material Laboratory	1	91	A+					
GM3400	Satellite Positioning	3	89	A					
AA2102	Thermodynamics (2)	3	95	A+					

Registrar

Mina-Hua Lee



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(2) ***** College: *****
Department: *****

Minor in: *****

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Course No.	Course Title	Credits	Score	Grade	Course No.	Course Title	Credits	Score	Grade
ME8601	Adaptive Control	3	W						
GE3201	Learning By Practice (1)	2	TR						
GE2405	Structure & Function of Our Body	2	86	A					
Attempt: 12 Earned: 12 Cum Credits: 161 Moral Conduct: 85 Term Avg: 83.8 Term GPA: 3.85 Ranking: Top 30% Sum of Credits : 161 Grand Average : 89.71 Credit Recognition: Required 111 Elective 50 Overall GPA : 4.07 ----- No Further Entries This Page -----									

Registrar

Miao-Hua Lee



國立成功大學成績單說明

壹、評分標準

一、本校於民國 104 年 7 月以前，採用百分制方式顯示學生成績，其標準如下：

學士班	學士班成績	100-80 分	79-70	69-60	59-50	49-0	碩博士班	研究生成績	80 分以上	79-70	低於 70
	等第制成績	A	B	C	D	E		等第制成績	A	B	C
	等第積分	4	3	2	1	0		備註:1.研究所課程 70 分為及格。 2.基礎課程係研究所先修課程，60 分為及格。			
	備註:60 分為學士班及格標準。										

二、本校於民國 104 年 8 月以後，採用百分制與等第制並列顯示學生成績，其標準如下：

成績	100-90分	89-85	84-80	79-77	76-73	72-70	69-67	66-63	62-60	59-0
等第制成績	A+	A	A-	B+	B	B-	C+	C	C-	F
成績積分	4.3	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	0
備註：60分為學士班及格標準；70分為研究生及格標準（研究生修習基礎課程，60分為及格）。										

※成績附註說明：

1.暑修成績不列入當學期平均，惟列入畢業平均成績。

2.TR：抵免 W：退選 NO：成績未到 *：不及格 #：學分不抵免 ◎：英語授課(96 學年開始註記) △：彈性密集授課

貳、本校自 105 學年度起學生學期及畢業排名之呈現方式不顯示班級及年級之絕對排名，分別依百分比例 5%、10%、20%、30%、50%、75%呈現。

參、本校自 102 學年度起加註課程屬性碼，其編碼原則由開課系所英文縮寫代號及 4 位數字組成：

課程屬性碼	備註	課程屬性碼	備註
0000-0999	學士班零學分課程	5000-5999	學士班高級或碩士班程度課程
1000-1999	學士班基本課程	6000-6999	碩士班程度課程
2000-2999	學士班中級程度課程	7000-8999	碩士或博士班程度課程
3000-4999	學士班高級程度課程	9000-	博士班程度課程

肆、其餘說明請詳見 <http://reg.acad.ncku.edu.tw/p/404-1041-166504.php?Lang=zh-tw>

NATIONAL CHENG KUNG UNIVERSITY TRANSCRIPT GUIDE

I. Grading System:

1. As of July 2015, NCKU adopted a numerical grading system on a scale of 0 to 100 to mark grades on the transcript, with the following equivalent values:

Undergraduate Grades	100-80 (Excellent)	79-70 (Good)	69-60 (Fair)	59-50 (Fail)	49-0 (Fail)
Letter Grade	A	B	C	D	E
Grade Points	4	3	2	1	0
Note: The lowest passing grade for any course is 60 for undergraduate programs.					

Graduate Grades	80 or more (Excellent)	79-70 (Good)	Less than 70
Letter Grade	A	B	C
Note: 1. The lowest passing grade for any course is 70 for graduate programs. 2. The lowest passing grade is 60 for any undergraduate course designated as a prerequisite course for graduate programs.			

2. Since August 2015, NCKU has used both a numerical grading system and a letter grading system to mark grades on the transcript, with the following equivalent values:

Grade	100-90	89-85	84-80	79-77	76-73	72-70	69-67	66-63	62-60	59-0
Letter Grade	A+	A	A-	B+	B	B-	C+	C	C-	F
Grade Points	4.3	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	0

Note: The lowest passing grade for any course is 60 for undergraduate programs and 70 for graduate programs.
(The lowest passing grade is 60 for any undergraduate course designated as a prerequisite course for graduate programs.)

※Abbreviations and Notations:

(1) The grades on any summer-session courses will be calculated into the graduation grade average, not into the semester grade average.

(2)TR：Credit Transfer W：Withdrawal NO：No Grade Reported EXC：Excellent △：Flexible Intensive Course

*：Fail #：Not for Credit in a Degree Program ◎：English-taught (marked since fall of 2007)

II. Starting from the fall semester of the 2016-17 academic year, NCKU students shall be academically ranked by percentiles of 5%, 10%, 20%, 30%, 50% and 75%, instead of numerical-order class ranking indicators, on the transcripts.

III. Course Numbering System (established since the 2013-2014 academic year):

Each course is established with a 4-digit number prefixed with the department letter code.

Course numbers are classified as follows:

Course Numbers	Designated Courses	Course Numbers	Designated Courses
0000-0999	No-credit Undergraduate courses	5000-5999	Undergraduate high-level courses or Master's courses
1000-1999	Undergraduate basic courses	6000-6999	Master's courses
2000-2999	Undergraduate intermediate-level courses	7000-8999	Master's or doctoral courses
3000-4999	Undergraduate high-level courses	9000-	Doctoral courses

III. Further information about the academic transcript is available at http://www.ncku.edu.tw/~register/chinese/score_desc.htm