



Name: FONG, Wai Ting 方惠廷
Student ID: 20516134
HK ID: R541072(9)

Date of Birth: 29 Oct 1999
Gender: Male

Transcript of Academic Record

Date of Issue: 31 March 2024

Issue To: FONG, Wai Ting

Degree Awarded

Degree: Bachelor of Engineering in Aerospace Engineering
Classification: First Class Honors
Conferred Date: 26 November 2021

Degree: Master of Philosophy in Mechanical Engineering
Conferred Date: 31 March 2024

Course Code	Course Title	Credit		Grade
		Attempted	Earned	
MATH1012	Calculus IA	4.0	4.0	A+
MECH1902	Energy Systems in a Sustainable World	3.0	3.0	A

TGA: 4.131

CGA: 4.131

Cumulative Credits Earned: 16.0

Awards: Dean's List

Courses taken in this term are weighted 0.5 towards the classification of degree honors

Academic Program

Admit Date: 1 September 2017
Program: Bachelor Degree in School of Engineering

Program Change: 2018-19 Fall
Program: Bachelor of Engineering
Major: Aerospace Engineering

On Exchange: 2019-20 Fall
The Georgia Institute of Technology

Admit Date: 1 September 2021
Program: Master of Philosophy
Field of Study: Mechanical Engineering

2017-18 Spring (Full-Time)

Course Code	Course Title	Credit		Grade
		Attempted	Earned	
CHEM1020	General Chemistry IB	2.0	2.0	A+
ENGG1010	Academic Orientation	0.0	-	P
HLTH1010	Healthy Lifestyle	0.0	-	P
IELM2200	Engineering Management	3.0	3.0	A+
LANG1003A	English for University Studies II	3.0	3.0	A-
MATH1014	Calculus II	3.0	3.0	A
PHYS1003	Energy and Related Environmental Issues	3.0	3.0	A+
PHYS1112	General Physics I with Calculus	3.0	3.0	A

TGA: 4.088

CGA: 4.109

Cumulative Credits Earned: 33.0

Awards: Dean's List

Courses taken in this term are weighted 0.5 towards the classification of degree honors

Academic Records

2017-18 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
CIVL1140	Environmental Quality Control and Improvement	3.0	3.0	A+
COMP1022Q	Introduction to Computing with Excel VBA	3.0	3.0	A+
ENGG1010	Academic Orientation	0.0	-	PP
HLTH1010	Healthy Lifestyle	0.0	-	PP
LANG1002S	English for University Studies I	3.0	3.0	A-

2017-18 Summer (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
UROP1100U	Undergraduate Research Opportunities Series 1	1.0	1.0	P

TGA: **

CGA: 4.109



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Cumulative Credits Earned: 34.0

Courses taken in this term are weighted 0.5 towards the classification of degree honors

2018-19 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ELEC2420	Basic Electronics	3.0	3.0	A+
ENGG2010	Engineering Seminar Series	0.0	-	PP
LANG2030	Technical Communication I	3.0	3.0	B
MATH2011	Introduction to Multivariable Calculus	3.0	3.0	A
MECH1907	Introduction to Aerospace Engineering	3.0	3.0	A
MECH2020	Statics and Dynamics	3.0	3.0	B
MECH2310	Thermodynamics	3.0	3.0	A+

TGA: 3.767

CGA: 3.988

Cumulative Credits Earned: 52.0

Awards: Dean's List
HKSAR Government Scholarship

2018-19 Winter (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
COMP1029C	C Programming Bridging Course	1.0	1.0	P

TGA: **

CGA: 3.988

Cumulative Credits Earned: 53.0

Awards: HKSAR Government Scholarship

2018-19 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
COMP2011	Programming with C++	4.0	4.0	B
ENGG2010	Engineering Seminar Series	0.0	-	PP
LANG1117P	Advanced Chinese Communication	3.0	3.0	B

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
MATH2351	Introduction to Differential Equations	3.0	3.0	C
MECH2040	Solid Mechanics I	3.0	3.0	A+
MECH2210	Fluid Mechanics	3.0	3.0	A
MECH2410	Engineering Materials I	3.0	3.0	A-

TGA: 3.316

CGA: 3.806

Cumulative Credits Earned: 72.0

Awards: HKSAR Government Scholarship

2018-19 Summer (Full-Time)

Awards: HKSAR Government Scholarship

2019-20 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
MECH3000LEVEL	3000-level Course in Mechanical Engineering	3.0	3.0	T
MECH3610	Control Principles	3.0	3.0	T
MECH3640	Aerodynamics	3.0	3.0	T
MECH3650	Aircraft Structural Analysis	3.0	3.0	T
SOSC1850	Understanding Society	3.0	3.0	T

Cumulative Credits Earned: 72.0

Cumulative Transfer Credits: 15.0

Awards: HKSAR Government Scholarship
Innovation and Technology Scholarship Award Scheme

2019-20 Winter (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
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Transfer Credit(s) from Sophia University and equivalent course(s) of HKUST:

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Innovation and Technology Scholarship Award Scheme

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
LANG1210	Japanese Language and Related Culture	3.0	3.0	T
SOSC2000SACC	2000-level Course in Social Science	2.0	2.0	T
Cumulative Credits Earned: 72.0				
Cumulative Transfer Credits: 20.0				

Awards: HKSAR Government Scholarship
Innovation and Technology Scholarship Award Scheme

2019-20 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ENGG2010	Engineering Seminar Series	0.0	-	PP
LANG4034	Technical Communication II for Mechanical and Aerospace Engineering	3.0	3.0	A-
MECH3620	Aircraft Design	3.0	3.0	A+
MECH3660	Gas Turbines and Jet Propulsion	3.0	3.0	A
MECH3680	Avionics Systems	3.0	3.0	A+
MECH3690	Aerospace Engineering Laboratory	3.0	3.0	B+
MECH4000L	Non-Destructive Evaluation in Aerospace Structures	3.0	3.0	A+
UROP1100Z	Undergraduate Research Opportunities Series 1	1.0	1.0	P

TGA: 3.983

CGA: 3.842

Cumulative Credits Earned: 91.0
Cumulative Transfer Credits: 20.0

Awards: Dean's List
HKSAR Government Scholarship
Innovation and Technology Scholarship Award Scheme

2019-20 Summer (Full-Time)

Awards: HKSAR Government Scholarship

2020-21 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ENGG2010	Engineering Seminar Series	0.0	-	P
GNE210	Career Building	1.0	1.0	DI
IEDA2410	Logistics and Freight Transportation Operations	3.0	3.0	A+
MECH3400	Introduction to Composite Materials	3.0	3.0	A
MECH3670	Aircraft Performance and Stability	3.0	3.0	A+
MECH4810	Unmanned Aviation Vehicle	3.0	3.0	A+
MECH4980	Final Year Aerospace Design Project	6.0	-	PP

TGA: 4.225

CGA: 3.888

Cumulative Credits Earned: 104.0
Cumulative Transfer Credits: 20.0

Awards: Dean's List
HKSAR Government Scholarship

2020-21 Winter (Full-Time)

Awards: HKSAR Government Scholarship

2020-21 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
HUMA1000B	Cultures and Values: Righteousness, Destiny and Well-being	3.0	3.0	A
HUMA2107	Introduction to Electronic Music Composition	3.0	3.0	A
LANG1320	German in the World of Science and Technology	3.0	3.0	A
MECH1990	Industrial Training	0.0	-	P
MECH4890	Introduction to Nanosatellite Engineering	3.0	3.0	A+
MECH4980	Final Year Aerospace Design Project	6.0	6.0	A

TGA: 4.050

Academic Registrar



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CGA: 3.913
Cumulative Credits Earned: 122.0
Cumulative Transfer Credits: 20.0
Cumulative Credits Counted towards Degree: 118.0

Awards: Dean's List
HKSAR Government Scholarship
Hong Kong University of Science and Technology Academic Achievement Medal

2021-22 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ENGG6780	Career Development for Engineering Research Students	1.0	-	PP
LANG5001	Postgraduate English for Engineering Research Studies	1.0	1.0	P
MECH5930	Finite Element Methods	3.0	3.0	A
MECH6090U	Seminar in Mechanical Engineering	0.0	-	P
MECH6990	MPhil Thesis Research	0.0	-	PP
PDEV6770B	Professional Development for Research Postgraduate Students	1.0	-	PP
PDEV6800Z	Introduction to Teaching and Learning in Higher Education	0.0	-	P

TGA: 4.000
CGA: 4.000

Cumulative Credits Earned: 4.0

Awards: Postgraduate Studentship

2021-22 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
ENGG6780	Career Development for Engineering Research Students	1.0	1.0	P
MECH5960	Flow Instability	3.0	3.0	A-
MECH6090V	Seminar in Mechanical Engineering	0.0	-	P
MECH6990	MPhil Thesis Research	0.0	-	PP
PDEV6770B	Professional Development for Research Postgraduate Students	1.0	-	PP
PDEV6800G	Introduction to Teaching and Learning	0.0	-	PP

Course Code Course Title
in Higher Education

TGA: 3.700
CGA: 3.850

Cumulative Credits Earned: 8.0

Awards: Postgraduate Studentship

2022-23 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
MECH5961	Acoustics and Aeroacoustics	3.0	3.0	A
MECH6090W	Seminar in Mechanical Engineering	0.0	-	P
MECH6990	MPhil Thesis Research	0.0	-	PP
PDEV6770B	Professional Development for Research Postgraduate Students	1.0	-	PP
PDEV6800G	Introduction to Teaching and Learning in Higher Education	0.0	-	P

TGA: 4.000
CGA: 3.900

Cumulative Credits Earned: 11.0

Awards: Postgraduate Studentship

2022-23 Spring (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
MECH6990	MPhil Thesis Research	0.0	-	PP
OCESS100	Biological Oceanography	3.0	3.0	A
PDEV6770B	Professional Development for Research Postgraduate Students	1.0	1.0	P

TGA: 4.000
CGA: 3.925

Cumulative Credits Earned: 15.0

Awards: Postgraduate Studentship

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2023-24 Fall (Full-Time)

Course Code	Course Title	Credit Attempted	Credit Earned	Grade
MECH6990	MPhil Thesis Research	0.0	0.0	P

TGA: **

CGA: 3.925

GGA: 3.925 (MPhil)

Cumulative Credits Earned: 15.0

Cumulative Credits Counted towards Degree: 15.0

Thesis Title [MPhil(MECH)]: Design, Control and Aerodynamic Testing of a Morphable Wind Turbine Airfoil

- End of Transcript -

Academic Registrar

EXPLANATORY NOTES

Academic Transcript and Release of Records

The academic transcript provides the full record of a student's academic results and performance. This record may not be released to any other party without the written consent of the student, in accordance with Personal Data (Privacy) Ordinance established in 1996.

Calendar

The academic year begins on 1 September and ends on 31 August of the following year. There are four terms in each academic year, namely Fall, Winter, Spring and Summer. Fall and Spring are regular terms with thirteen weeks of scheduled classes.

Degree Awarded

The undergraduate programs offered by the University all lead to honors degrees. The University also offers postgraduate programs leading to master degrees, doctoral degrees and graduate diplomas.

Credit Unit

Credit units are earned through the completion of courses and other assessed learning activities. For undergraduate courses, one credit unit generally represents 40 to 50 learning hours. For postgraduate courses, one credit is normally designated for one lecture, one tutorial or three laboratory/field study hours per week.

Grading

Students receive a grade in each course in which they are enrolled. Transfer credits and courses graded HP/P/LP/U/Y, AU, CR, DI, DN, I, IP, P, PA, PP, PS, T and W are omitted from the calculation of grade point averages.

Letter Grade	Definition for Undergraduate Course	Definition for Postgraduate Course
A+, A, A-	Excellent Performance	Excellent Performance
B+, B	Good Performance	Good Performance
B-	Good Performance	Marginal Performance ^①
C+, C	Satisfactory Performance	Marginal Performance
C-	Satisfactory Performance	–
D	Marginal Pass	–
F	Failure	Failure

Other Grade	Definition
AU	Audited
CR	Credit
DI	Distinction
DN	Distinction
I	Incomplete
IP	In Progress ^②
P	Pass, Ungraded
PA	Pass, Graded
PP	Permitted to Proceed
PS	Pass, Graded
T	Transferred
W	Withdrawal without Penalty

HP/P/LP/U/Y Grade (used in Executive Programs)	Definition
HP	High Pass
P	Pass
LP	Low Pass
U	Unsatisfactory
Y	Incomplete

^① Definition revised from 'Good Performance' from 1999-2000 Fall

^② Ceased to be used from 1997-98 Fall

Grade Averages

With effect from 2010-11 Spring, the University adopted a 4-point grading system to replace the 12-point system that had been used since 1991-92 in the calculation of grade averages. The following grade averages are calculated:

TGA (Term Grade Average): TGA is calculated across all courses taken in a term.

CGA (Cumulative Grade Average): CGA is calculated for all the courses earning grade points completed since first registration in a program up to the point of calculation.

GGA (Graduation Grade Average): GGA is the student's CGA adjusted by excluding courses from the calculation under established University rules.

MCGA (Major Cumulative Grade Average) is calculated based on the grade points earned for the courses used to fulfill the major requirements and the requirements of the corresponding School or Interdisciplinary Programs Office, where appropriate. For students admitted in 2018-19 academic year or after, the classification of awards is based on a two-tier system of MCGA and overall CGA.

Before 2010-11 Spring, SGA (Semester Grade Average) was used:

SGA (Semester Grade Average) is the combined grade average covering all courses taken in Fall including the following Winter or Spring including the following Summer.

The following table shows the conversion of 12-point and 4-point grading system:

12-point System (1991-92 Fall to 2010-11 Winter)	Letter Grade	4-point System (effective from 2010-11 Spring)
Course Grade Point		Course Grade Point
12	A+	4.3
11	A	4.0
10	A-	3.7
9	B+	3.3
8	B	3.0
7	B-	2.7
6	C+	2.3
5	C	2.0
4	C-	1.7
-	D+	-
2	D	1.0
-	D-	-
0	F	0

Further information about the academic transcript is available at <https://registry.hkust.edu.hk/transcript>. Please email all queries to the Academic Registry of the University at atranscript@ust.hk.

The Hong Kong University of Science and Technology issues some official documents in electronic format which are verifiable. The Blockcerts technology is adopted in registering and verifying the electronic documents in the format of a JSON file.

The JSON file and the associated URL are issued to the graduates/students who may pass them to other parties at their discretion. **After successful verification of the JSON file at the University official website (<https://registry.hkust.edu.hk/verify>), an authenticated copy of the document can be viewed or downloaded in formats such as PDF or HTML.**