北京理工大学
Beijing Institute of Technology

STUDENT ACADEMIC RECORD (TRANSLATION)

NAME: Xiu Yumeng
DEPARTMENT: Manufacture Engineering
DEGREE: Bachelor of Science

PERIOD OF STUDY: 2016.9-2020.7
MAJOR: Mechanical Engineering
STUDENT No.: 1120160470

NO.	COURSE TITLE	CREDITS (HOURS)	I 1	I 2	II 1	II 2	III 1	III 2	IV 1	IV 2
1	College Chemistry	2	80.5							
2	Students Mental Ability Development	0	93							
3	CET-4	0	591							
4	Specialty Introduction to Mechanical Engineering	0	95							
5	Mechanical Graphing	5	60	72						
6	Military Theory	1	86							
7	Military Training	1.5	85							
8	Life Science Foundation	1	87							
9	Morals, Ethics and Law	3	75							
10	Physical Education	2	91	83	93	97				
11	Calculus	12	91	81						
12	Linear Algebra	3	90							
13	English for General Academic Purposes	8	90	92						
14	College Physics	8		71	71					
15	C Programming Language	4		68						
16	Economics in Life	2		92						
17	Physics Lab	2		84	90					
18	Outline of Chinese Modern History	2		87						
19	College Student's Career Planning	2			85					
20	Electrical and Electronic Technologies	5			78	84				
21	Electrical and Electronic Technologies Experiment	1			74	94				
22	Electronic Practice (Installation of Radio)	1			95					
23	Complex Function and Integral Transform	2			65					
24	Probability and Mathematical Statistics	3			85					
25	Training on Utilization of Engineering Software	1			96					
26	Basic Theory of Marxism	3			86					
27	Digital Design and Expression Training	1			88					
28	Material Mechanics	4				99				
29	Engineering Materials	2				85				
30	Theory of Machines and Mechanisms	3				94				
31	Geometrical Accuracy Specifications	2				80				
32	Calculation Methods	2				68				
33	Theoretical Mechanics	4				71				
34	Appreciation of Pop Music	1				86				
35	Introduction to Mao Zedong Thoughts and Theoretical System of The Chinese Characteristic Socialism	4				93				
36	Introduction to Intelligent Materials	2				97				
37	Heat Transfer	2					74			
38	Principle and Application of Single-Chip Microcomputer	2					90			

NOTE: minor courses are marked with *.

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NO.	COURSE TITLE	CREDITS (HOURS)	I 1	I 2	II 1	II 2	III 1	III 2	IV 1	IV 2
1	Engineering Thermodynamics	2					92			
2	Machine Design	3					80			
3	Mechanical Design Project	2					90			
4	Mechanical Vibration	2					79			
5	Fluid Mechanics	2					90			
6	Plane Mechanism Creative Design	1					90			
7	Cognition and Disassembly and Assembly Practice	2					85			
8	Social Practice	2					85			
9	Hydraulic and Pneumatic Transmission	2					92			
10	Manufacturing Training	4					84			
11	Automatic Control Theory	2.5					91			
12	Sensing and Test Technology	2						92		
13	Machinery Manufacturing Engineering A	4						87		
14	Mechanical Manufacturing Equipments Design	3						90		
15	Fundamentals of Precision Manufacturing Engineering	4						82		
16	Numerical Control Technology	3						90		
17	Digital Design and Manufacturing	3						83		
18	Product Design and Development	2							81	
19	Technology of Industry Robots	2							100	
20	Selected Topics on Mechanical Engineering	0							85	
21	Production Practice of Mechanical Engineering	3							95	
22	Finite Element Analysis of Mechanical Structure	2							92	
23	Additive Manufacturing	2							97	
24	Practice of Innovation and Entrepreneurship	2.5							85	
25	The Situation and Policy	2								100
26	Graduation Project (Thesis)	10								85
27										
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NOTE: minor courses are marked with *.

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Carnegie Mellon University

Student Name: Yumeng Xiu

Birth Date/Month: 26-Feb

Date Awarded	Degree Awarded
May 14, 2023	Master of Science in Mechanical Engineering - Research

Beginning of Graduate Record

Fall 2020

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
ROB	16720	COMPUTER VISION	12.0	A	48.0

	UNITS PASSED	UNITS FACTORED	FINAL QPA	TOTAL POINTS
Semester	**12.0**	**12.0**	**4.00**	**48.0**
Cumulative	**12.0**	**12.0**	**4.00**	**48.0**

Spring 2021

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
MLG	10601	MACHINE LEARNING	12.0	B+	40.0
MEG	24703	NUML MTHS IN ENGING	12.0	A	48.0
MEG	24794	MSTR OF SCNCE RSRCH	24.0	A	96.0

	UNITS PASSED	UNITS FACTORED	FINAL QPA	TOTAL POINTS
Semester	**48.0**	**48.0**	**3.83**	**184.0**
Cumulative	**60.0**	**60.0**	**3.87**	**232.0**

Spring 2022

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
LTI	11785	INTRO DEEP LRNG.	12.0	A	48.0
ECE	18660	OPTIMIZATION	12.0	A	48.0
MEG	24791	GRADUATE SEMINAR	0.0	S	0.0
MEG	24794	MSTR OF SCNCE RSRCH	24.0	A	96.0

	UNITS PASSED	UNITS FACTORED	FINAL QPA	TOTAL POINTS
Semester	**48.0**	**48.0**	**4.00**	**192.0**
Cumulative	**108.0**	**108.0**	**3.93**	**424.0**

Fall 2022

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
ROB	16833	LOCALIZATION/MAPPING	12.0	A	48.0
MEG	24677	ST: LIN CTRL SYS	12.0	A-	44.0
MEG	24791	GRADUATE SEMINAR	0.0	S	0.0
MEG	24794	MSTR OF SCNCE RSRCH	24.0	A	96.0

	UNITS PASSED	UNITS FACTORED	FINAL QPA	TOTAL POINTS
Semester	**48.0**	**48.0**	**3.92**	**188.0**
Cumulative	**156.0**	**156.0**	**3.92**	**612.0**

Spring 2023

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
ROB	16745	OPT CNTRL & REIN LRN	12.0	A	48.0
MEG	24784	ST: TRUST AI	12.0	A	48.0
MEG	24791	GRADUATE SEMINAR	0.0	S	0.0
MEG	24794	MSTR OF SCNCE RSRCH	24.0	A	96.0

	UNITS PASSED	UNITS FACTORED	FINAL QPA	TOTAL POINTS
Semester	**48.0**	**48.0**	**4.00**	**192.0**
Cumulative	**204.0**	**204.0**	**3.94**	**804.0**

End of Graduate Record

John R. Papinchak
University Registrar

Carnegie Mellon University

Transcript Information

This information is also available at:
https://www.cmu.edu/hub/registrar/student-records/transcripts/legend.html

Contact Information
Please direct all questions to The University Registrar's Office:

Carnegie Mellon University
University Registrar's Office
5000 Forbes Avenue
Pittsburgh, PA 15213-3890

Phone: 412-268-4138
Fax:412-268-6651
Email:uro-transcrtipts@andrew.cmu.edu
Website: http://www.cmu.edu/hub

Family Education Rights and Privacy Act (FERPA) of 1974 as Amended
This record is released on the condition that the student information contained herein will not be transferred to a third party without the written consent of the student.

Accreditation
Carnegie Mellon University is an accredited member of the Middle States Commission on Higher Education, 3624 Market St., Philadelphia, PA 19104.

College and department accreditations include:
- Accreditation Board for Engineering Technology (ABET) – Chemical Engineering, Civil Engineering, Electrical and Computer Engineering, Engineering and Public Policy, Mechanical Engineering, and Materials Science and Engineering
- National Architectural Accrediting Board (NAAB) – Architecture
- National Association of Schools of Art and Design (NASAD) – Art and Design
- National Association of Schools of Music (NASM) – Music
- American Assembly of Collegiate Schools of Business (AACSB) and Middle Atlantic Association of College of Business Administration (MAACBA) – David A. Tepper School of Business; American Chemical Society (ACS) – Chemistry
- National Association of Schools of Public Affairs and Administration (NAPAA) – H. John Heinz III College.

Language of Instruction
All Carnegie Mellon University courses are taught in English.

Teaching Location
This transcript reflects all Carnegie Mellon coursework, independent of campus or teaching location.

Calendar
Carnegie Mellon observes the semester system with two six-week summer sessions. Courses may be taught in other shortened sessions.

Course Numbers
Each Carnegie Mellon University course number begins with a two-digit prefix which designates the department offering the course (76-xxx courses are offered by the Department of English, etc.) Although each department maintains its own course numbering practices, typically the first digit after the prefix indicates the class level: xx-1xx courses are freshmen-level, xx-2xx courses are sophomore level, etc. xx-6xx courses may be either undergraduate senior-level or graduate-level, depending on the department. Xx-7xx courses and higher are graduate-level.

Degree Requirements
Degrees are awarded upon satisfactory completion of residence requirements, all requirements in the approved curriculum(a) and by recommendation for degree(s) by the faculty of the appropriate college(s).

Units of Work vs. Credit Hours
Three units equal one semester hour of credit.

Quality Point Average (QPA) Calculations
Carnegie Mellon University defines a quality point as a point value times units for a given course. QPAs are calculated according to the following formula:

Semester QPA: quality points divided by factorable units.
Cumulative QPA: total quality points divided by total factorable units.

Undergraduate courses may not be factorable into the QPA for graduate students, depending on the student's college.

Units Carried vs. Passed vs. Factored
Units Carried refers to the total number of units for which the student is registered.

Units Passed is the total of all units that have a passing grade. Grades of 'R','N', and 'I' are not included in units passed.

Units Factored is the total of all units factored into QPA. See Grading Standards for grades not factorable into QPA. Undergraduate courses are not factorable into QPA for graduate students.

Cumulative QPA
A separate cumulative QPA is calculated for undergraduate and graduate records. If a student attends for a combination of undergraduate, graduate studies, and/or non-degree studies, a cumulative QPA may not be calculated.

Cumulative QPA may not be available on transcripts for semesters prior to 1989.

4.0 Grading Standards
Undergraduate students (and graduate students in CFA, CIT, CMU, MCS, and SCS who entered before Fall 1995):

Grade	Point Value	Description
A	4.0	Excellent
B	3.0	Good
C	2.0	Satisfactory
D	1.0	Passing
R	0.0	Failure
X	0.0	Conditional Failure
S	non-factorable	Satisfactory
P	non-factorable	Passing
N	non-factorable	Failure in Pass/Fail Course
O	non-factorable	Audit
W	non-factorable	Withdrawal
I	non-factorable	Incomplete
AD	non-factorable	Credit by examination
TR	non-factorable	Transfer credit

4+ Grading Standards / 9.0 Grading Standards
The 4+ grading scale is applicable to graduate students who entered in and after Fall 1995. The 9.0 grading scale is applicable only to certain graduate students who entered before Fall 1995: Students in the Graduate School of Industrial Administration (GSIA, now Tepper School of Business (TSB)), the School of Urban and Public Affairs (SUPA, now Heinz College (HC)), and graduate students who were admitted to the College of Humanities and Social Sciences (H&SS, now Dietrich College (DC)) after August 1986.

Grade	Point Value (4+)	Point Value (9.0)	Description
A+ *	4.33	9	
A	4.00	8	
A-	3.66	7	
B+	3.33	6	
B	3.00	5	
B-	2.67	4	
C+	2.33	3	
C	2.00	2	
C-	1.67	1	
D+ *	1.33	-	
D *	1.0	0	
R	0.0	0	Failure
X	0.0	-	Conditional Failure
S	non-factorable	non-factorable	Satisfactory
P	non-factorable	non-factorable	Passing
N	non-factorable	-	Failure in Pass/Fail Course
O	non-factorable	-	Audit
W	non-factorable	-	Withdrawal
I	non-factorable	-	Incomplete
AD	non-factorable	-	Credit by examination
TR	non-factorable	-	Transfer credit

* DC and CIT graduate students are not permitted to receive an A+. TSB and HC graduate students do not receive D or D+ grades.

After the mid-point of the spring 2020 semester, a global pandemic caused a significant disruption that warranted temporary changes to our grading policy. These changes offered broader use of our Pass/No Pass (P/NP) grading option and the acceptance of passing grades to fulfill degree requirements.

Grading Scale & QPA Conversion
We are unable to provide conversion to other grading scales, such as percentage. A guide to our grading scale is provided on the back of all official transcripts. While we do provide overall semester QPA and cumulative QPA, we are unable to provide an "in-major" QPA (i.e. QPA for courses only in your major).

Physical Education Courses
Physical Education Courses are considered Units Passed in the student's overall semester and cumulative QPA; they are not considered Units Factorable and are not used in calculating the student's overall semester QPA, rank in class or for academic actions.

Statement Of Assurance
Carnegie Mellon University does not discriminate in admission, employment, or administration of its programs or activities on the basis of race, color, national origin, sex, handicap or disability, age, sexual orientation, gender identity, religion, creed, ancestry, belief, veteran status, or genetic information. Furthermore, Carnegie Mellon University does not discriminate and is required not to discriminate in violation of federal, state, or local laws or executive orders.

Inquiries concerning the application of and compliance with this statement should be directed to the Vice President for Campus Affairs, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213, telephone 412-268-2056.

Obtain general information about Carnegie Mellon University by calling 412-268-2000.