國 立 清 華 大 學
National Tsing Hua University
Hsinchu, Taiwan, Republic of China
TRANSCRIPT OF ACADEMIC RECORD

STU-NO	105034016	Name		Huang, Ti-Dao (黃提道)			
College	Engineering	Dept./Inst.		Industrial Engineering and Engineering Management	Letter Grade	Graduation GPA	3.92
Double Majors	---					Graduation Ranking	Class: -/- Dept.: -/-
Minor	---						
Interdiscipline	---						
Date Enrolled	Sep. 2016	Degree Conferred	B.S.		Date Conferred	June 2020	

Course No.	Course Title	Credit	Grade
Semester 1, Academic Year 2016 (Sep. 2016 - Jan. 2017)			
E 100102	Introduction to Engineering	2	A+
ECON100104	Principles of Economics (I)	3	B
IEEM101000	Introduction to Programming Languages	3	A
MATH103002	Calculus I	3	C+
PHYS101003	General Physics Laboratory (I)	1	A
PHYS113303	General Physics B (I)	3	A-
PME 101301	Engineering Drawing I	2	A+
CL 101021	College Chinese	2	A
LANG101001	English I	2	#A-
PE 111020	Physical Education	0	B+
	The following are optional courses		
GE 107600	Painting Creation	2	A
ZY 100028	Service Learning	0	A+

GPA: 3.63   Class Ranking: 5 / 63
Percentage Average: 83.13
Subtotal of Credits Earned: 23   Cumulative Credits: 23   Conduct：A

Course No.	Course Title	Credit	Grade
Semester 2, Academic Year 2016 (Feb. 2017 - June 2017)			
IEEM211000	Work Study	3	A-
MATH104002	Calculus II	3	B+
PHYS102003	General Physics Laboratory (II)	1	A+
PHYS113403	General Physics B (II)	3	C+
PME 101500	Work Shop Practices (I)	1	A
LANG102001	English II	2	#A-
	The following are optional courses		
CS 210000	Circuits and Electronics (I)	3	B+
GE 125700	Bible and Life	2	A
GEC 130402	Art and Society	3	A+
PE 206078	Tennis(advance)	0	A
PME 101702	Computer Aided Machine Design & Drawing	3	A+
ZY 100030	Service Learning	0	A+

GPA: 3.64   Class Ranking: 11 / 63
Percentage Average: 83.25
Subtotal of Credits Earned: 24   Cumulative Credits: 47   Conduct：A

Course No.	Course Title	Credit	Grade
Semester 1, Academic Year 2017 (Sep. 2017 - Jan. 2018)			
IEEM202100	Discrete Mathematics	3	A
IEEM203000	Probability Theory	3	A+
IEEM208000	Manufacturing Process	3	A
IEEM281000	Engineering Economics	3	A-
IEEM305000	Human Factors (I)	3	A
	The following are optional courses		

Course No.	Course Title	Credit	Grade
CLC 101300	Bahasa Indonesia Basic I	3	A+
FL 204107	Beginning German I	3	A+
GE 198400	Border, Identity, and Transnational Migration	2	A-
LANG103012	English III: Reading	2	#A-
PE 205064	Tennis(basic)	0	A+

GPA: 4.02   Class Ranking: 4 / 64
Percentage Average: 89.73
Subtotal of Credits Earned: 25   Cumulative Credits: 72   Conduct：A

Course No.	Course Title	Credit	Grade
Semester 2, Academic Year 2017 (Feb. 2018 - June 2018)			
IEEM201000	Linear Algebra	3	A+
IEEM204000	Engineering Statistics	3	A+
IEEM304000	Production Planning and Control	3	A
IEEM307100	Industrial Accounting	3	A+
	The following are optional courses		
CLC 101301	Bahasa Indonesia- Basic II	3	A+
FL 204206	Beginning German II	3	A
GE 188200	Statistical Thinking and Analysis	3	A+
GEC 150402	Introduction to the History of Pre-Modern Science	3	#A
PE 206066	Tennis(basic)	0	A+

GPA: 4.19   Class Ranking: 2 / 64
Percentage Average: 95.97
Subtotal of Credits Earned: 24   Cumulative Credits: 96   Conduct：A

Course No.	Course Title	Credit	Grade
Semester 1, Academic Year 2018 (Sep. 2018 - Jan. 2019)			
IEEM301000	Operations Research (I)	3	A+
IEEM303000	Quality Control	3	B+
	The following are optional courses		
GEC 120203	Eco-system and Global Changes	3	A
GEC 140300	Media Understanding and Rethinking	3	A+
IEEM305400	Fundamental of Logistics	3	A+
PME 300500	System Dynamics Analysis	3	A-

GPA: 3.98   Class Ranking: 7 / 65
Percentage Average: 88.67
Subtotal of Credits Earned: 18   Cumulative Credits: 114   Conduct：A

Course No.	Course Title	Credit	Grade
Semester 2, Academic Year 2018 (Feb. 2019 - June 2019)			
IEEM205000	General Psychology	3	A
IEEM302000	Operation Research (II)	3	A+
IEEM310000	Facilities Planning	3	A
	The following are optional courses		

Date: July 2, 2020

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Course No.	Course Title	Credit	Grade	Course No.	Course Title	Credit	Grade
EE 351000	Feedback Control Systems	3	A				
IEEM214000	Programming Design and Applications	3	#A+				
IEEM612400	Data Mining	3	A+				
PE 206053	Badminton	0	A+				

GPA: 4.20   Class Ranking: 5 / 66
Percentage Average: 96.33
Subtotal of Credits Earned: 18   Cumulative Credits: 132   Conduct：A

Semester 1, Academic Year 2019 (Sep. 2019 - Jan. 2020)

Course No.	Course Title	Credit	Grade
IEEM401000	Topics in Industrial Engineering	2	A+
	The following are optional courses		
IEEM510300	Stochastic Processes	3	#A
STAT387500	Mathematical Statistics	3	B+
STAT541000	Linear Models	3	B

GPA: 3.59   Class Ranking: 39 / 66
Percentage Average: 82.63
Subtotal of Credits Earned: 11   Cumulative Credits: 143   Conduct：A

Semester 2, Academic Year 2019 (Feb. 2020 - June 2020)

Course No.	Course Title	Credit	Grade
	The following are optional courses		
IEEM511800	Fuzzy Set Theory & Applications	3	#A+
IEEM513200	Integer Programming and Network Analysis	3	#A
LANG400002	Academic Research Writing	3	#A+
PE 206043	Aerobics dancing	0	A+
STAT551000	Experimental Design and Analysis	3	A-

GPA: 4.08   Class Ranking: - / -
Percentage Average: 91.93
Subtotal of Credits Earned: 12   Cumulative Credits: 155   Conduct：A

Notes: Academic Achievement Award: Semester 1 of Academic Year 2017 and Semester 2 of Academic Year 2017.

Remarks: 1. TR=Transferred. 2. Grades and credits in summer are not calculated into Semester GPA and Earned Credits, but in Graduation GPA and Credits. 3. @ =Failed. 4. #=Lectured in English. 5. *=Lack of Scores. 6. W=Withdrawn. 7. Physical Education and Military Training are not calculated into Graduation Credits. 8. From Academic Year 2018 onwards, the Letter Grades can be accompanied by Relative Grades. Undergraduates who are enrolled from Academic Year 2018 onwards can choose only the Letter Rankings of semester, cumulation and graduation or with corresponding Relative Rankings on their transcripts. The larger the GPA or Percentage Average is, the better a student performs. By contrast, the smaller the Relative Grade Average is, the better a student performs. 9. For undergraduates the passing grades of academic performance and conduct are C-.

Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	E	X	N
Score	100~90	89~85	84~80	79~77	76~73	72~70	69~67	66~63	62~60	59~50	49~1	0	PASS FAIL
Grade point	4.3	4	3.7	3.3	3	2.7	2.3	2	1.7	1	0		

Date: July 2, 2020

REGISTRAR'S OFFICE