

國立清華大學

National Tsing Hua University
Hsinchu, Taiwan, Republic of China
TRANSCRIPT OF ACADEMIC RECORD

STU-NO	110066515	Name	Chen, Wen-	Chi (陳文	(祺)							
	Electrical					Letter Grade	Cumulati	ve GPA	4.07			
College		Dept./Inst.	Photonics T	echnologi	ies	T Scores	Cumulati	ve Average	55.20			
00•8•	Computer Science		= 10-24 10-14 1			Relative Grade	Cumulati	ve Average	24.66%			
Date Enrolled		Program	Master's stu	dent			Date Conferred					
Course No.	Course Title		Letter Grade		Course No.	Course Title		Letter Gra	de T Scor			
course no.	Course Title		elative Grade		Course 140.	Course True	Credit	Relative G				
Semeste	er 1, Academic Year	2021 (Sep. 2	2021 - Jan. 20	22)	Percentage Av	erage: 100.00						
PT 514000	Photonics I	3	#A+	63.48	T Scores Aver							
			1/68			e Average: 5.67%		CONTROL SANGENCE SANGENCE				
IPT 591000	Seminar	1	B-	43.65		edits Earned: 6 Cumu		SECOMOLECCI INC.	nduct: A			
			27/63		Subtotal earne	d EMI credits in this	semester p	eriod: 3				
	**The following are			52.122								
IPT 514300	Digital Optics	3	#A+	59.58		r 2, Academic Year		. 2023 - Jur	ie 2023)			
	Laboratory		1/13	-0.05	Taking merely	in this semester: The	SIS					
IPT 533000	Integrated Photonic	3	A+	58.07	CD4 N//4							
	Devices		1/10	CE 00	GPA: N/A							
IPT 552000	Nano-scale Optical	3	A+	65.00	Percentage Av							
	Metrology and		1/20		T Scores Average: N/A Relative Grade Average: N/A							
	Applications				Subtotal of Credits Earned: 0 Cumulative Credits: 29 Conduct: A							
CDA - 4.10					Subtotal of Ci	cans Earnea. o Cam	manye ere	uns. Ex Co	induoti 71			
GPA: 4.18 Percentage Av	Jaraga: 05 60				Semeste	er 1, Academic Year	2023 (Sep	. 2023 - Jai	n. 2024)			
T Scores Aver					Semest	**The following are			- Indiana - Indi			
	e Average: 8.85%				ENE 553000	Terahertz Science an		#A	56.52			
	edits Earned: 13 Cun	nulative Cre	dits: 13 Cond	uct: A		Technology		2/6				
	ed EMI credits in this				ESS 520000	Silicon Processing	=	W				
Sabiotai carne	ou Divir Greats in time	semiesiai p				Technology for						
Semeste	er 2, Academic Year	2021 (Feb.	2022 - June 2	022)		Microelectronics						
IPT 514100	Photonics II	3	#A+	55.57	IPT 553000	Deep Learning in	3	A+	56.29			
			1/62			Biomedical Optical		1/17				
1				£1 10								
IPT 514200	Photonic Devices an	d 3	#A-	51.18		Imaging			E1 6			
IPT 514200	Photonic Devices an Measurements	d 3	#A- 12/29	31.18	SLS 564300	Imaging Accelerator Technol	ogy 3	A	51.0			
IPT 514200 IPT 591100		d 3		38.59	SLS 564300		ogy 3	A 6/11	51.60			
	Measurements Seminar	1	12/29 B- 47/61		SLS 564300		ogy 3		51.0			
	Measurements	1	12/29 B- 47/61		GPA: 4.10	Accelerator Technol	ogy 3		51.0			
IPT 591100	Measurements Seminar **The following ard Digital Camera Desi	1 e optional co	12/29 B- 47/61 burses** #A-		GPA: 4.10 Percentage A	Accelerator Technology	ogy 3		51.6			
IPT 591100	Measurements Seminar **The following are	1 e optional co	12/29 B- 47/61 ourses**	38.59	GPA: 4.10 Percentage A' T Scores Ave	Accelerator Technologyerage: 92.67 rage: 54.80	ogy 3		31.6			
IPT 591100	Measurements Seminar **The following ard Digital Camera Desi	1 e optional co	12/29 B- 47/61 burses** #A-	38.59	GPA: 4.10 Percentage A T Scores Ave Relative Grad	Accelerator Technol verage: 92.67 rage: 54.80 le Average: 31.33%		6/11				
IPT 591100 IPT 599100 GPA: 3.78	Measurements Seminar **The following ard Digital Camera Desi Theory and Practice	1 e optional co	12/29 B- 47/61 burses** #A-	38.59	GPA: 4.10 Percentage A T Scores Ave Relative Grad Subtotal of C	Accelerator Technol verage: 92.67 rage: 54.80 le Average: 31.33% redits Earned: 9 Cum	ulative Cre	6/11 edits: 38 Co				
IPT 591100 IPT 599100 GPA: 3.78 Percentage A	Measurements Seminar **The following ar Digital Camera Desi Theory and Practice verage: 85.33	1 e optional co	12/29 B- 47/61 burses** #A-	38.59	GPA: 4.10 Percentage A T Scores Ave Relative Grad Subtotal of C	Accelerator Technol verage: 92.67 rage: 54.80 le Average: 31.33%	ulative Cre	6/11 edits: 38 Co				
IPT 591100 IPT 599100 GPA: 3.78 Percentage At T Scores Ave	Measurements Seminar **The following ar Digital Camera Desi Theory and Practice verage: 85.33 rage: 45.58	1 e optional co	12/29 B- 47/61 burses** #A-	38.59	GPA: 4.10 Percentage A' T Scores Ave Relative Grad Subtotal of C Subtotal earne	Accelerator Technologyerage: 92.67 rage: 54.80 le Average: 31.33% redits Earned: 9 Cum led EMI credits in this	ulative Cre semester p	6/11 edits: 38 Coeriod: 3	onduct: A			
IPT 591100 IPT 599100 GPA: 3.78 Percentage A' T Scores Ave Relative Grad	**The following ard Digital Camera Desi Theory and Practice verage: 85.33 rage: 45.58 de Average: 50.60%	e optional cogn 3	12/29 B- 47/61 purses** #A- 4/4	38.59	GPA: 4.10 Percentage A T Scores Ave Relative Grad Subtotal of C Subtotal earne	verage: 92.67 rage: 54.80 le Average: 31.33% redits Earned: 9 Cum ed EMI credits in this	ulative Cre semester p 2023 (Fe b	6/11 edits: 38 Coeriod: 3	onduct: A			
IPT 591100 IPT 599100 GPA: 3.78 Percentage Art Scores Aver Relative Grad Subtotal of Cr	**The following ard Digital Camera Desi Theory and Practice verage: 85.33 rage: 45.58 de Average: 50.60% redits Earned: 10 Cur	e optional cogn 3	12/29 B- 47/61 burses** #A- 4/4	38.59	GPA: 4.10 Percentage A T Scores Ave Relative Grad Subtotal of C Subtotal earne	Accelerator Technologyerage: 92.67 rage: 54.80 le Average: 31.33% redits Earned: 9 Cum led EMI credits in this	ulative Cre semester p 2023 (Fe b	6/11 edits: 38 Coeriod: 3	onduct: A			
IPT 591100 IPT 599100 GPA: 3.78 Percentage Art Scores Aver Relative Grad Subtotal of Cr	**The following ard Digital Camera Desi Theory and Practice verage: 85.33 rage: 45.58 de Average: 50.60%	e optional cogn 3	12/29 B- 47/61 burses** #A- 4/4	38.59	GPA: 4.10 Percentage A' T Scores Ave Relative Grad Subtotal of C Subtotal earn Semest Taking merel	verage: 92.67 rage: 54.80 le Average: 31.33% redits Earned: 9 Cum ed EMI credits in this	ulative Cre semester p 2023 (Fe b	6/11 edits: 38 Coeriod: 3	onduct: A			
IPT 591100 IPT 599100 GPA: 3.78 Percentage Art Scores Ave Relative Grad Subtotal of Crad Subtotal earner	**The following ard Digital Camera Designated Theory and Practice Everage: 85.33 rage: 45.58 de Average: 50.60% redits Earned: 10 Cured EMI credits in this	e optional cogn 3	12/29 B- 47/61 burses** #A- 4/4	38.59 32.31 duct: A	GPA: 4.10 Percentage A' T Scores Ave Relative Grad Subtotal of C Subtotal earne Semeste Taking merel	Accelerator Technologyerage: 92.67 rage: 54.80 le Average: 31.33% redits Earned: 9 Cum ed EMI credits in this er 2, Academic Year y in this semester: The	ulative Cre semester p 2023 (Fe b	6/11 edits: 38 Coeriod: 3	onduct: A			
IPT 591100 IPT 599100 GPA: 3.78 Percentage Art Scores Ave Relative Grad Subtotal of Crad Subtotal earner	**The following ard Digital Camera Designated Theory and Practice verage: 85.33 rage: 45.58 le Average: 50.60% redits Earned: 10 Cured EMI credits in this ver 1, Academic Year	e optional constant of the seminal o	12/29 B- 47/61 burses** #A- 4/4 edits: 23 Condriod: 9	38.59 32.31 duct: A	GPA: 4.10 Percentage A' T Scores Ave Relative Grad Subtotal of C Subtotal earne Semeste Taking merel GPA: N/A Percentage A	Accelerator Technoloverage: 92.67 rage: 54.80 le Average: 31.33% redits Earned: 9 Cum ed EMI credits in this er 2, Academic Year y in this semester: The verage: N/A	ulative Cre semester p 2023 (Fe b	6/11 edits: 38 Coeriod: 3	onduct: A			
IPT 591100 IPT 599100 GPA: 3.78 Percentage At T Scores Ave Relative Grad Subtotal of Crisubtotal earner	**The following ard Digital Camera Designated Theory and Practice verage: 85.33 rage: 45.58 le Average: 50.60% redits Earned: 10 Cured EMI credits in this ref. Academic Year **The following ar	e optional cogn 3 mulative Cresemester pe	12/29 B- 47/61 burses** #A- 4/4 edits: 23 Concriod: 9 2022 - Jan. 2 ourses**	38.59 32.31 duct: A	GPA: 4.10 Percentage A' T Scores Ave Relative Grad Subtotal of C Subtotal earn Semeste Taking merel GPA: N/A Percentage A T Scores Ave	Accelerator Technoloverage: 92.67 rage: 54.80 le Average: 31.33% redits Earned: 9 Cum ed EMI credits in this er 2, Academic Year y in this semester: The verage: N/A rage: N/A	ulative Cre semester p 2023 (Fe b	6/11 edits: 38 Coeriod: 3	onduct: A			
IPT 591100 IPT 599100 GPA: 3.78 Percentage Art Scores Ave Relative Grad Subtotal of Crad Subtotal earner	**The following ard Digital Camera Designated Theory and Practice verage: 85.33 rage: 45.58 le Average: 50.60% redits Earned: 10 Cured EMI credits in this ref. Academic Year **The following ar Optical Fiber	e optional constant of the seminal o	12/29 B- 47/61 burses** #A- 4/4 edits: 23 Concriod: 9 2022 - Jan. 2 burses** A+	38.59 32.31 duct: A	GPA: 4.10 Percentage A' T Scores Ave Relative Grad Subtotal of C Subtotal earne Semeste Taking merel GPA: N/A Percentage A T Scores Ave Relative Grad	verage: 92.67 rage: 54.80 le Average: 31.33% redits Earned: 9 Cum ed EMI credits in this er 2, Academic Year y in this semester: The verage: N/A rage: N/A le Average: N/A	ulative Cre semester p 2023 (Feb esis	6/11 edits: 38 Coperiod: 3	onduct: A ne 2024)			
IPT 591100 IPT 599100 GPA: 3.78 Percentage Art Scores Aver Relative Grade Subtotal of Credit Subtotal earner Semest IPT 516000	**The following ard Digital Camera Designated Theory and Practice verage: 85.33 rage: 45.58 de Average: 50.60% redits Earned: 10 Cured EMI credits in this ref. Academic Year **The following ard Optical Fiber Communication	e optional cogn 3 mulative Cresemester per 2022 (Sep. e optional cogn 3	12/29 B- 47/61 burses** #A- 4/4 edits: 23 Concriod: 9 2022 - Jan. 2 ourses** A+ 1/27	38.59 32.31 duct: A 023) 68.76	GPA: 4.10 Percentage A' T Scores Ave Relative Grad Subtotal of C Subtotal earne Semeste Taking merel GPA: N/A Percentage A T Scores Ave Relative Grad	Accelerator Technoloverage: 92.67 rage: 54.80 le Average: 31.33% redits Earned: 9 Cum ed EMI credits in this er 2, Academic Year y in this semester: The verage: N/A rage: N/A	ulative Cre semester p 2023 (Feb esis	6/11 edits: 38 Coperiod: 3	onduct: A ne 2024)			
IPT 591100 IPT 599100 GPA: 3.78 Percentage Av T Scores Ave Relative Grad Subtotal of Cr Subtotal earner	**The following ard Digital Camera Designated Theory and Practice verage: 85.33 rage: 45.58 le Average: 50.60% redits Earned: 10 Cured EMI credits in this ref. Academic Year **The following ar Optical Fiber	e optional cogn 3 mulative Cresemester pe	12/29 B- 47/61 burses** #A- 4/4 edits: 23 Concriod: 9 2022 - Jan. 2 ourses** A+ 1/27 #A+	38.59 32.31 duct: A	GPA: 4.10 Percentage A' T Scores Ave Relative Grad Subtotal of C Subtotal earne Semeste Taking merel GPA: N/A Percentage A T Scores Ave Relative Grad Subtotal of C	verage: 92.67 rage: 54.80 le Average: 31.33% redits Earned: 9 Cum ed EMI credits in this er 2, Academic Year y in this semester: The verage: N/A rage: N/A le Average: N/A redits Earned: 0 Cum	ulative Cresemester p 2023 (Febersis	6/11 dedits: 38 Coperiod: 3 2.2024 - Ju dedits: 38 Coperiod: 3	onduct: A ne 2024) onduct: A			
IPT 591100 IPT 599100 GPA: 3.78 Percentage Art Scores Aver Relative Grade Subtotal of Credit Subtotal earner Semest IPT 516000	**The following ard Digital Camera Designated Theory and Practice verage: 85.33 rage: 45.58 de Average: 50.60% redits Earned: 10 Cured EMI credits in this ref. Academic Year **The following ard Optical Fiber Communication	e optional cogn 3 mulative Cresemester per 2022 (Sep. e optional cogn 3	12/29 B- 47/61 burses** #A- 4/4 edits: 23 Concriod: 9 2022 - Jan. 2 ourses** A+ 1/27	38.59 32.31 duct: A 023) 68.76	GPA: 4.10 Percentage A' T Scores Ave Relative Grad Subtotal of C Subtotal earne Semeste Taking merel GPA: N/A Percentage A T Scores Ave Relative Grad Subtotal of C	verage: 92.67 rage: 54.80 le Average: 31.33% redits Earned: 9 Cum ed EMI credits in this er 2, Academic Year y in this semester: The verage: N/A rage: N/A le Average: N/A	ulative Cresemester p 2023 (Febersis ulative Creses	6/11 dedits: 38 Coperiod: 3 2.2024 - Ju dedits: 38 Coperiod: 3	onduct: A ne 2024) onduct: A			

Date: Oct. 14, 2024, Page 1 of 2





國立清華大學

National Tsing Hua University Hsinchu, Taiwan, Republic of China

TRANSCRIPT OF ACADEMIC RECORD

STU-NO	110066515	Name	Chen, Wen-Chi (陳文祺)								
	Electrical Engineering and Computer Science	Dept./Inst.			Letter Grade	Cumulative GPA	4.07				
College			Photonics Technologi	ies	T Scores	Cumulative Average	55.20				
					Relative Grade	Cumulative Average	24.66%				
Date Enrolled	Sep. 2021	Program	Master's student		Date Conferred						
Course No.	Course Title		Letter Grade T Scores Relative Grade	Course No. Cour	rse Title	Credit Letter Gra Relative Gr					
GPA: N/A											
Percentage Av											
Γ Scores Aver											
Relative Grad	e Average: N/A										
	redits Earned: 0 Cum										
	-End of Record, the	definition is a	as below								

Notes

Remarks: 1.TR=Transferred W=Withdrawn @=Failed *=Lack of Scores #=Lectured in English \$=Distance Learning Courses. 2.Grades and credits in summer are not calculated into Semester GPA and Earned Credits, but in Graduation/Cumulative GPA and Credits. 3.Teacher Education, General Education, Language (except for course no. containing LANG5 or above), Military Training and Physical Education are not calculated into Semester and Graduation GPA and Credits. 4.^=Courses repeatedly taken are not calculated into Semester and Graduation GPA and Credits. 5.No rankings for Graduate Students. 6.Grades before Academic Year 2018 were not provided the corresponding Relative Grades. Grades before Academic Year 2021 were not provided the corresponding T Scores. 7.Students enrolled before or in Academic Year 2020 can choose "Letter Grades", "Letter Grades + Relative Grades" or "Letter Grades + T Scores" on their transcripts. Students enrolled after or in Academic Year 2021 can choose "Letter Grades + T Scores" or "Letter Grades + T Scores" on their transcripts. 8.The larger the GPA, Percentage Average or T Scores is, the better a student performs. By contrast, the smaller the Relative Grade Average is, the better a student performs. 9.For graduate students the academic passing grade is B- and the passing grade of conduct is C-.

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

T Scores Definition:

 $T=10Z+50 \cdot Z=(X-X^{-})/\sigma$

Where X=original score; X=average score; σ=standard deviation.

If T=50, it means that the original score is the same as the average score.

If T=60, it means that the original score is 1 standard deviation higher than the average score.

If T=70, it means that the original score is 2 standard deviations higher than the average score.

If T=40, it means that the original score is 1 standard deviation lower than the average score, and so on.

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