



**THAMMASAT UNIVERSITY
BANGKOK, THAILAND**
OFFICIAL TRANSCRIPT OF RECORD
FACULTY OF SCIENCE AND TECHNOLOGY



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DATE OF BIRTH APR 22, 1999
DATE ADMITTED AUG 2017
DATE CONFERRED MAY 20, 2021

CC CN	COURSE TITLE	CL	CE	GRADE	CC CN	COURSE TITLE	CL	CE	GRADE
----- 1ST SEMESTER 2017-----									
MA 218	CALCULUS FOR SCIENCE 1	3.0	3.0	D+	NP 305	SYSTEMS AND SIGNAL PROCESSING	3.0	3.0	D+
SC 113	GENERAL BIOLOGY	3.0	3.0	D	NP 316	SENSORS AND TRANSDUCERS	3.0	3.0	B
SC 131	PHYSICS 1	3.0	3.0	D	NP 321	DIGITAL ELECTRONICS LABORATORY	1.0	1.0	A
SC 163	GENERAL BIOLOGY LABORATORY	1.0	1.0	C	PC 207	PHYSICS IN EVERYDAY LIFE	3.0	3.0	C+
SC 181	PHYSICS LABORATORY 1	1.0	1.0	C+	PC 331	ELECTROMAGNETIC THEORY 1	3.0	3.0	C
TU 050	ENGLISH SKILL DEVELOPMENT	3.0	0.0	S	PC 341	QUANTUM MECHANICS 1	3.0	3.0	D
TU 100	CIVIC ENGAGEMENT	3.0	3.0	B+	SEM	19.0CL 19.0CE 41.50GP 2.18GPA			
TU 104	CRITICAL THINK, READ, WRITING	3.0	3.0	C+	CUM	91.0CL 88.0CE 208.00GP 2.29GPA			
SEM	17.0CL 17.0CE 33.00GP 1.94GPA				----- 2ND SEMESTER 2019-----				
CUM	17.0CL 17.0CE 33.00GP 1.94GPA				EL 296	ENG FOR ACADEMIC PURPOSES 1	3.0	3.0	B
----- 2ND SEMESTER 2017-----					MA 313	ORDINARY DIFFERENTIAL EQUATIONS	3.0	3.0	C
MA 219	CALCULUS FOR SCIENCE 2	3.0	0.0	W	NP 310	MICROCONTROLLER SYSTEM 1	3.0	3.0	B+
NP 201	INTRODUCTION TO ELECTRONICS	3.0	3.0	C	NP 322	COMPUTER-AIDED CIRCUIT DESIGN LA	1.0	1.0	A
NP 221	INTRODUCTION TO ELECTRONICS LABO	1.0	1.0	C	PC 358	PHYSICS OF SEMICONDUCTOR DEVICES	3.0	3.0	B+
SC 123	FUNDAMENTAL CHEMISTRY	3.0	3.0	D+	PC 437	PHOTONICS	3.0	3.0	B
SC 132	PHYSICS 2	3.0	0.0	F	PC 458	SOLAR CELL PHYSICS	3.0	3.0	C+
SC 173	FUNDAMENTAL CHEMISTRY LABORATORY	1.0	1.0	D+	TU 101	THAILAND, ASEAN, AND THE WORLD	3.0	3.0	B
SC 182	PHYSICS LABORATORY 2	1.0	1.0	C+	SEM	22.0CL 22.0CE 65.50GP 2.98GPA			
TU 103	LIFE AND SUSTAINABILITY	3.0	3.0	D+	CUM	113.0CL 110.0CE 273.50GP 2.42GPA			
TU 105	COMMUNICATION SKILLS IN ENGLISH	3.0	3.0	D	----- 1ST SEMESTER 2020-----				
SEM	18.0CL 15.0CE 24.00GP 1.33GPA				AT 326	RICE + PRODUCTION TECHNOLOGY	3.0	3.0	A
CUM	35.0CL 32.0CE 57.00GP 1.63GPA				NP 317	COMPUTER ANALYSIS OF ELECTRICAL	3.0	3.0	A
----- 1ST SEMESTER 2018-----					NP 410	MICROCOMPUTER INTERFACING TECHNI	3.0	3.0	B+
FD 211	INTRO TO FOOD SCIENCE + TECH	3.0	3.0	B	NP 491	SPECIAL PROJECT 1	1.0	1.0	S
NP 202	ANALOG ELECTRONICS	3.0	3.0	B+	PC 306	COMPUTATIONAL PHYSICS	3.0	3.0	A
NP 210	INSTRUMENTS AND MEASUREMENTS	3.0	3.0	A	TU 102	SOCIAL LIFE SKILLS	3.0	3.0	B
NP 222	ANALOG ELECTRONICS LABORATORY	1.0	1.0	B	TU 112	HERITAGE OF PRE-MODERN WORLD	3.0	3.0	C
PC 211	MECHANICS 1	3.0	3.0	D+	SEM	18.0CL 19.0CE 61.50GP 3.42GPA			
SC 132	PHYSICS 2	3.0	3.0	D+	CUM	131.0CL 129.0CE 335.00GP 2.56GPA			
SEM	16.0CL 16.0CE 43.50GP 2.72GPA				----- 2ND SEMESTER 2020-----				
CUM	51.0CL 48.0CE 100.50GP 1.97GPA				MA 318	PARTIAL DIFFERENTIAL EQUATION	3.0	3.0	C
----- 2ND SEMESTER 2018-----					NP 416	MICROCONTROLLER SYSTEM 2	3.0	3.0	A
AT 366	AGRI METEORO + IRRIGAT	3.0	3.0	B	NP 490	SEMINAR	1.0	1.0	A
EL 296	ENG FOR ACADEMIC PURPOSES 1	3.0	0.0	W	NP 492	SPECIAL PROJECT 2	3.0	3.0	S
MA 219	CALCULUS FOR SCIENCE 2	3.0	3.0	D+	TU 116	MAN AND ARTS	3.0	3.0	A
NP 203	INTRODUCTION TO COMPUTER PROGRAM	3.0	3.0	B+	SEM	10.0CL 13.0CE 34.00GP 3.40GPA			
NP 418	PHYSICS INSTRUMENT DESIGN	3.0	3.0	A	CUM	141.0CL 142.0CE 369.00GP 2.62GPA			
PC 240	MODERN PHYSICS	3.0	3.0	B	====END OF RECORD=====				
TU 106	CREATIVITY AND COMMUNICATION	3.0	3.0	A					
SEM	18.0CL 18.0CE 57.00GP 3.17GPA								
CUM	69.0CL 66.0CE 157.50GP 2.28GPA								
----- SUMMER 2018 -----									
TU 155	ELEMENTARY STATISTICS	3.0	3.0	B					
SEM	3.0CL 3.0CE 9.00GP 3.00GPA								
CUM	72.0CL 69.0CE 166.50GP 2.31GPA								
----- 1ST SEMESTER 2019-----									
MA 313	ORDINARY DIFFERENTIAL EQUATIONS	3.0	0.0	W					
NP 301	DIGITAL ELECTRONICS	3.0	3.0	C+					
----- CONTINUED IN NEXT COLUMN -----									

Chainarong Chaktranond

Assoc. Prof. Dr.Chainarong Chaktranond
Registrar

DATE ISSUED : September 3, 2021

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