KING MONGKUT'S UNIVERSITY OF TECHNOLOGY THONBURI

BANGKOK 10140, THAILAND

OFFICIAL TRANSCRIPT OF RECORDS

STUDENT ID NO. 63340500026
NAME : MR.TANUT BUMRUNGVONGSIRI
DATE OF BIRTH : FEBRUARY 8, 2002
PREVIOUS CERT./DEGREE : GRADE 12 QUALIFICATION
DATE OF ADMISSION : JULY 22, 2020
DATE OF GRADUATION :

INSTITUTE OF FIELD ROBOTICS
FIELD OF STUDY : ROBOTICS AND AUTOMATION ENGINEERING
MAJOR : -
DEGREE CONFERRED :

COURSE NO.	COURSE TITLES	CREDITS/GRADES
FIRST SEMESTER (2020)		
FRA141	COMPUTER PROGRAMMING FOR ROBOTICS AND AUTOMATION ENGINEERING I	3 A
FRA161	ROBOTICS EXPLORATION	3 B
FRA162	ENGINEERING SKILLS FOR ROBOTICS	3 A
GEN101	PHYSICAL EDUCATION	1 A
GEN111	MAN AND ETHICS OF LIVING	3 A
LNG220	ACADEMIC ENGLISH	3 B+
MTH101	MATHEMATICS I	3 A
	Total Credit 19	
	GPA. 3.76 Cum.GPA. 3.76	
SECOND SEMESTER (2020)		
FRA130	GENERAL PHYSICS FOR ROBOTICS AND AUTOMATION ENGINEERING	3 A
FRA131	BASIC MECHANICS FOR ROBOTICS AND AUTOMATION ENGINEERING	3 A
FRA142	COMPUTER PROGRAMMING FOR ROBOTICS AND AUTOMATION ENGINEERING II	3 B+
GEN121	LEARNING AND PROBLEM SOLVING SKILLS	3 A
MTH102	MATHEMATICS II	3 C+
	Total Credit 15	
	GPA. 3.60 Cum.GPA. 3.69	
FIRST SEMESTER (2021)		
FRA221	DIGITAL ELECTRONICS	2 A
FRA231	ROBOTICS MODELLING AND EXPERIMENTATION	3 A
FRA261	ROBOTICS STUDIO II : TECHNOLOGY INNOVATION	3 B+
GEN231	MIRACLE OF THINKING	3 B+
LNG224	ORAL COMMUNICATION I	3 B+
MTH201	MATHEMATICS III	3 A
	Total Credit 17	
	GPA. 3.73 Cum.GPA. 3.70	
SECOND SEMESTER (2021)		
FRA121	ELECTRONIC CIRCUITS FOR ROBOTICS AND AUTOMATION ENGINEERING	3 B+
FRA163	ROBOTICS STUDIO I : SCIENCE IN MOTION	2 B
FRA222	MICROCONTROLLER INTERFACE	3 A
FRA232	ROBOT STRUCTURE DESIGN	3 B
FRA233	CONTROL ENGINEERING FOR ROBOTICS	3 A
FRA262	ROBOTICS STUDIO III : INDUSTRIAL AUTOMATION	3 A
GEN241	BEAUTY OF LIFE	3 B+
LNG324	ENGLISH FOR ENGINEERS	3 A
	Total Credit 23	
	GPA. 3.65 Cum.GPA. 3.68	
FIRST SEMESTER (2022)		
FRA321	BASIC IMAGE PROCESSING AND ARTIFICIAL INTELLIGENCE	3 A
FRA333	KINEMATICS OF ROBOTICS SYSTEM	3 A
FRA362	ROBOTICS STUDIO V : CHANGE THE WORLD PROJECT	3 B+
FRA442	GAME DEVELOPMENT AND SIMULATION	3 A
FRA500	SPECIAL TOPIC I : HUMAN-ROBOTICS INTERFACE	3 A
FRA503	SPECIAL TOPIC IV : INTRODUCTION TO MACHINE LEARNING	3 A
	Total Credit 18	
	GPA. 3.91 Cum.GPA. 3.73	
SECOND SEMESTER (2022)		
FRA301	CAREER AND PROFESSIONAL DEVELOPMENT	2 A
FRA361	ROBOTICS STUDIO IV : OPEN TOPICS	3 A
FRA500	SPECIAL TOPIC I : BCI WITH DEEP LEARNING AND ROBOTICS	3 B+
FRA501	SPECIAL TOPIC II : INTRODUCTION TO NATURAL LANGUAGE PROCESSING WITH DEEP LEARNING	3 B+
GEN351	MODERN MANAGEMENT AND LEADERSHIP	3 B
STA302	STATISTICS FOR ENGINEERS	3 A

COURSE NO.	COURSE TITLES	CREDITS/GRADES
	Total Credit 17	
	GPA. 3.64 Cum.GPA. 3.72	
SPECIAL SEMESTER (2022)		
FRA300	INDUSTRIAL TRAINING	2 S
	Total Credit 2	
	GPA. - Cum.GPA. 3.72	
FIRST SEMESTER (2023)		
FRA504	WORK INTEGRATED LEARNING I: WORK SKILLS	4 A
FRA505	WORK INTEGRATED LEARNING II: PROJECT	6 A
	Total Credit 10	
	GPA. 4.00 Cum.GPA. 3.74	

CREDITS PRESCRIBED : 133
CREDITS EARNED : 121
GRADE POINT AVERAGE : 3.74

VALID ONLY WITH SEAL, ISSUED ON JANUARY 9, 2024
VERIFY THIS TRANSCRIPT AT REGIS.KMUTT.AC.TH/WEB/VERIFY

REGISTRAR _____
(MR.KITTIKUN ARNGKASAI)