

# SWISS TANGSATJATHAM

**Address:** 98 Nakniwat 48 yeak 7 Ladprao Bangkok Thailand 10230

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## EDUCATION

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### (2020 -Present) Chulalongkorn University, Bangkok Thailand

- Study as Junior at Faculty of Engineering, Aerospace Engineering (International School of Engineering, ISE)
- GPAX: 2.59/4.00

### (2017 – 2019) Satriwitthaya 2 School, Bangkok Thailand

- High School – Science and Mathematics Program
- GPAX: 3.51/4.00

## ACADEMIC PROJECTS

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- Pre-conceptual and Conceptual Design Study of Urban Parcel Delivery UAS Concept for use within Bangkok Area Project
  - Collaborated with 3 team members, researched the drone's requirements and specifications as well as population data within Bangkok area
- Designed a Mask Incinerator in ISE Exploring Engineering World
  - Collaborated with 4 team members, created a google form for a mask disposal survey, researched and plotted the analysis graph, designed a mask incinerator using AutoCAD Fusion 360
- Designed and Created Paper Airplane with Motor Project
  - Collaborated with 2 team members, designed the paper airplane, used XFLR5 to find the center of mass of the plane, tested the flight by using the controller

## EXTRACURRICULAR ACTIVITIES & ACHIEVEMENT

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- Finished the learning path “Career Essentials in Software Development by Microsoft and LinkedIn”
- Basic python projects:
  - rock, paper, scissors game
    - Source code : [https://github.com/tintinguy01/rock\\_paper\\_scissors.git](https://github.com/tintinguy01/rock_paper_scissors.git)
  - quiz game
    - Source code : [https://github.com/tintinguy01/quiz\\_game.git](https://github.com/tintinguy01/quiz_game.git)
  - text editor program
    - Source code : [https://github.com/tintinguy01/text\\_editor\\_program.git](https://github.com/tintinguy01/text_editor_program.git)
  - calculator program
    - Source code : [https://github.com/tintinguy01/calculator\\_program.git](https://github.com/tintinguy01/calculator_program.git)
  - tic tac toe game
    - Source code : <https://github.com/tintinguy01/tictactoe.git>
  - snake game
    - Source code : [https://github.com/tintinguy01/Snake\\_Game.git](https://github.com/tintinguy01/Snake_Game.git)
- Created portfolio website by using HTML, CSS, JavaScript
  - Source code : <https://github.com/tintinguy01/Portfolio-Swiss-Tangsatjatham.git>
  - Website : <https://tintinguy01.github.io/Portfolio-Swiss-Tangsatjatham/>

## MISCELLANEOUS

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- Languages Thai (Native), English (Fluent)
- Computer Skills Adobe Photoshop, Adobe Premiere Pro, Arduino, XFLR5, MS Office, Python, C#, HTML, CSS, JavaScript
- Interests Drones, Aerospace (Spaceship, Rocket), Programming, AI and Robotics, Video editing

**LinkedIn:** <https://www.linkedin.com/in/swiss-tangsatjatham-7821b3254/>

Name Mr. Swiss Tangsatjatham Student ID. 633 82287 21 Gender Male  
 Identification No. 1 8099 01071 57 8 Birthdate Dec 06, 2001 Admission Jul 12, 2020  
 Faculty of Engineering  
 Department -  
 Field of Study Aerospace Engineering

COURSE NO		ABBREVIATED NAME			CREDIT	GRADE
1ST SEMESTER 2020						
2145211		INTRO AERO ENG			3.0	B
2183101		ENG GRAPHICS			3.0	W
2301107		CALCULUS I			3.0	C
2304153		PHYSICS ENGS			3.0	C
2304193		PHYSICS LAB ENGS			1.0	B
5501112		COMM ENG I			3.0	C+
CA	CG	GPA	CAX	CGX	GPAX	GPX
13.00	13.00	2.42	13.00	13.00	2.42	31.50
2ND SEMESTER 2020						
2140111		EXPL ENG WORLD			3.0	B+
2145221		INTRO AIR DSGN			1.0	B+
2301108		CALCULUS II			3.0	D
2302103		GEN CHEM LAB			1.0	B+
2302105		CHEM ENGS			3.0	C
2304154		PHYS ELEC ENGS			3.0	C
2304194		PHYS ELEC LAB ENGS			1.0	B
5501123		COMM ENG II			3.0	C
CA	CG	GPA	CAX	CGX	GPAX	GPX
18.00	18.00	2.31	31.00	31.00	2.35	73.00
1ST SEMESTER 2021						
2145217		SCI PROG			3.0	C+
2183211		ENG MECH			4.0	C+
2183221		THERMODYNAMICS			3.0	B
2301215		MULTIVAR CALCULUS			3.0	C
2301216		LIN ALG DIFF EQ			3.0	B+
5501214		COMM PRES SKIL			3.0	C+
CA	CG	GPA	CAX	CGX	GPAX	GPX
19.00	19.00	2.66	50.00	50.00	2.47	123.50

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COURSE NO		ABBREVIATED NAME			CREDIT	GRADE
2ND SEMESTER 2021						
2145290		AERO ENG SEM I			1.0	A
2182203		PROB STAT ENG			3.0	C+
2183222		FLUID MECH			3.0	C
2183231		DYNAMICS			3.0	D
2183381		NUM METH ENG			3.0	B
2189101		ENG MAT			3.0	C+
5501225		TECH WRIT			3.0	B
CA	CG	GPA	CAX	CGX	GPAX	GPX
19.00	19.00	2.42	69.00	69.00	2.46	169.50
1ST SEMESTER 2022						
2145311		AERODYNAMICS I			3.0	C
2145326		AIR STRUC			3.0	B+
2145327		AIR PERFORM			3.0	B
2145361		AERO ENG LAB I			2.0	B
2145420		AVIONICS			3.0	B
2190151		COMP PROG LAB			1.0	B
2308303		HISTORY OF SCI			3.0	A
CA	CG	GPA	CAX	CGX	GPAX	GPX
18.00	18.00	3.08	87.00	87.00	2.59	225.00