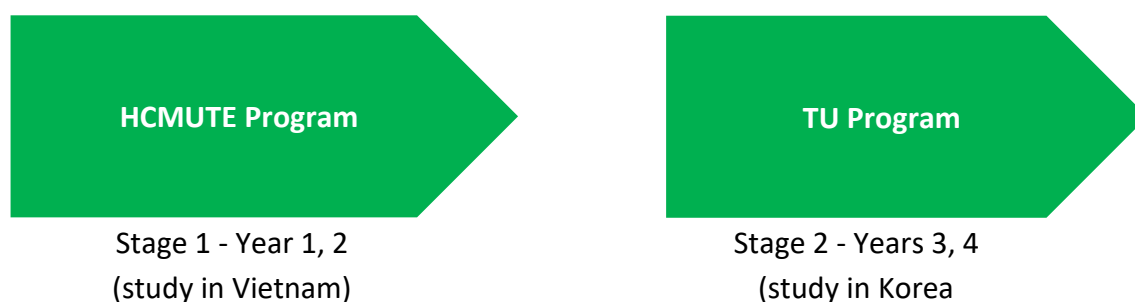




**INTERNATIONAL COLLABORATIVE ACADEMIC PROGRAM**  
**Tongmyong University**  
**Mechanical Engineering**

This is to provide the undergraduate collaborative academic program in partnership with Tongmyong University (TU), Korea. The program is studied, taught and assessed in English. Bachelor's degrees are awarded by Tongmyong University, Korea.

**Progression pathway:**



English program and Year-1,2 Mechanical Engineering program will be delivered at HCMUTE. English language requirement to transfer to Stage 2 is IELTS 5.5

Year-3,4 Mechanical Engineering program will be delivered at HCMUTE will be delivered at TU. Upon the completion of the programme, students will be awarded the **Bachelor's Degrees** (HND) by Tongmyong University, Korea.

**Module List of Stage 1**

No	Unit Code	Module Title	Credit Value	Delivered semester
1.	INME130125E	Introduction to Engineering Technology	3	1-1
2.	MATH141601E	Calculus 1	4	1-1
3.	GCHE130603E	General Chemistry for Engineers	3	1-1
4.	MATH141701E	Calculus 2	4	1-2
5.	PHYS 130402E	Principles of Physics 1	3	1-2
6.	EDDG240120E	Descriptive Geometry & Technical Drawing (3+1)	4	1-2
7.	THME230721E	Mechanics in Engineering	3	1-2

8.	MASI230226E	Materials Science	2	1-2
9.	MATE211126E	Experiments in Materials Science	1	1-2
10.	MHAP120227E	Mechanical Works Practice	2	1-2
11.	TEEN123725E	Technical English 1	*2	1-2
12.	CAED230220E	Basic of Computer Aided Design (CAD) (2+1)	3	2-1
13.	MATH141801E	Calculus 3	4	2-1
14.	STMA230521E	Strength of Materials	3	2-1
15.	TOMT220225E	Measuring Techniques & Tolerances	2	2-1
16.	EXMM210325E	Experiments in Mechanical Measurement	1	2-1
17.	PCAD230220E	Practice Basic of Computer Aided Design	2	2-1
18.	AWEP210426E	Arc Welding Practice	1	2-1
19.	GWEP210326E	Oxy-acetylene Welding Practice	1	2-1
20.	TEEN233825E	Technical English 2	*3	2-1
21.	AMME331529E	Applied Mathematics in Mechanical Engineering	3	2-2
22.	TMMP230220E	Principles and Parts of Machines	3	2-2
23.	PMMD310423E	Projects on Theory of machine and machine design	1	2-2
24.	FMMT330825E	Fundamentals of Machine Manufacturing Technology	3	2-2
25.	BATP 230327E	Basic Turning Practice	3	2-2

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