



INTERNATIONAL JOINT TRAINING PROGRAM

BACHELOR'S DEGREE IN COMPUTER ENGINEERING - 2+2 PATHWAY

KETTERING UNIVERSITY

OVERVIEW

- This is to provide the undergraduate joint training programs (2+2 pathway) in partnership with Kettering University (Kettering), United States of America.
- Bachelor's degrees: be awarded by Kettering University (Kettering), USA.
- Duration of the program: 4 years.
- Language instruction: English.
- Number of credits: ~161 credits.

PROGRESSION PATHWAY



- Courses: Political Education, Physical Education, English, and Specialised courses.
- English language requirement to transfer to Phase 2: IELTS 6.5 (with no sub-score below 6.0).

- Students are permitted to work part-time.
- Scholarships: ~35% of tuition fee

** Tuition fees and scholarship schemes are subject to change on an annual basis.*

LIST OF COURSES

PHASE 1 – YEAR 1 (Study in Vietnam)

No.	Course Code	Course Name	Credits
Semester 1			21
1.	ICET335064E	Introduction to CET	3
2.	MATH132401E	Calculus 1	3
3.	PHYS130402E	Physics 1	3
4.	GCHE130603E	General Chemistry for Engineers	3
5.	LLCT130105E	Philosophy of Marxism and Leninism	3
6.	ACEN340535E	Academic English 1	4
7.	ACEN340635E	Academic English 2	4
8.	PHED110513E	Physical education 1	0(1)
Semester 2			29
1.	MATH132501E	Calculus 2	3
2.	PHYS131002E	Physics 2	3
3.	AMCE245164E	Advanced Mathematics for Computer Engineering	4
4.	ELCI140144E	Electric Circuit	4
5.	PHYS110602E	Physics - Lab 1	1
6.	CPRL130064E	C programming language	3
7.	LLCT120405E	Scientific socialism	2
8.	LLCT120314E	Ho Chi Minh's Ideology	2
9.	PHED110613E	Physical education 2	0(1)
10.	ACEN440735	Academic English 3	4
11.	ACEN440835	Academic English 4	4
12.	LLCT120205E	Political economics of Marxism and Leninism	2

PHASE 1 – YEAR 2 (Study in Vietnam)

No.	Course Code	Course Name	Credits
Semester 1			25
1.	MATH142601E	Calculus 3	3
2.	PHYS111302E	Physics - Lab 2	1
3.	BAEL340662E	Basic Electronics	4
4.	DIGI330163E	Digital Systems	3
5.	MATH132901E	Mathematical Statistics for Engineers	3
6.	SISY330164E	Signals and Systems	3

7.	LLCT220514E	History of Vietnamese communist party	2
8.	PHED130715E	Physical education 3	0(3)
9.	EHQT430437E	Academic English 4	3
10.	TEEN230245E	Technical English 2	3
Semester 2			23
1.	DSCC235864	Discrete Structures	3
2.	DSPR431264E	Digital Signal Processing	3
3.	ICSD338164E	Integrated Circuits and Systems Design	3
4.	COOA335364E	Computer Organization and Architecture	3
5.	CNIN435464E	Computer Networking and Internet	3
6.	ELPR320762E	Electronics Practice	2
7.	DACO430664E	Data communication	3
8.	PRDI310263E	Digital Systems Lab	1
9.	GELA220405E	General Laws	2