

INSTITUTE OF TECHNOLOGY OF CAMBODIA

**Founded in 1964, ITC is the public leading
higher education institution in engineering
and technology in Cambodia**

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DIRECTOR MESSAGE , VISION, MISSION & VALUE



Director Message:

"We are developing ITC to become a regional Higher Education Institution leader by increasing human capital and strengthening research and innovation capacity in engineering fields contributing to boost Cambodian economic development."

Prof. Dr. PO Kimtho

Vision



ITC aspires to be the foremost university in Cambodia, excelling in education and research in Science, Technology and Engineering. Our vision extends to become one of the premier institutions in the region, excellence in Science, Technology and Engineering.

Mission



Cultivate talented and skilled graduates in Science, Technology and Engineering.

Drive applied research aims at fostering start-up and technology transfer.

Value



Excellence, Teamwork, Accountability and Transparency, Ethic, Moral, and Financial Health.

HISTORY OF ITC

The Institute was founded in 1964 as Institut Technique Supérieur de l'Amitié Khméro-Soviétique (ITSAKS), in cooperation with the Soviet Union from 1964 to 1975 and from 1980 to 1991.

In 1993, the Institute was renamed as Institut de Technologie du Cambodge, it was funded and operated by French until 2004.

From 2004 to present, the Institute has been operated by Cambodian, under the Ministry of Education Youth and Sport. The Institute is recognized as the top leading higher education institution in engineering and technology in Cambodia.

ITC AT A GLANCE

4

Campus (2 in Phnom Penh & 2 in Province)

5

Number of Faculty

5

Number of School

4

Number of Center

350+

Faculty Members

150+

Supporting Staff

7,000+

Students in Total

15,000+

Alumni

A photograph of several female students in light blue uniforms sitting at a desk, looking at a document. A yellow line with circular endpoints connects this image to the '5 Faculties' section below.

EDUCATIONAL PROGRAMS

ITC offers Associate's, Engineering's, Master's and Doctor's Programs. The institute has over 7,000 students in all major and level. ITC consists of 5 faculties, 5 schools and 4 center

An aerial photograph of the ITC campus, showing several large, modern buildings with white facades and grey roofs, surrounded by lush green trees. A yellow line with circular endpoints connects this image to the '5 Faculties' section above.

5 Faculties

- Faculty of Chemical and Food Engineering
- Faculty of Electrical Engineering
- Faculty of Civil Engineering
- Faculty of Hydrology and Water Resources Engineering
- Faculty of Geo-resources and Geotechnical Engineering



5 Schools

- Graduate School
- Undergraduate School
- International School
- Continuous Study School
- Technology Education School

Academic Program: 48

- Associate degree: 11
- Engineering degree: 16 (regular) and 8 (int)
- Master: 8
- Doctor: 5

4 Centers

- Research and Innovation Center
- Incubation Center
- E-learning Center
- Engineering and Technology Services Center

A photograph of two men in a laboratory setting. The man on the left is wearing a white face mask and looking towards the right. The man on the right is looking at a robotic arm that is holding several clear plastic bottles. The background is a bright, modern laboratory with wooden ceiling panels. A blue semi-transparent box is overlaid on the image, containing text.

Engineering Programs

- Electrical and Energy
- Electronics and Automation
- Telecommunication and Network
- Industrial Engineering
- Mechanical Engineering
- Information and Communication Engineering
- Data Sciences
- Food Science and Technology
- Chemical Engineering
- Civil Engineering
- Architectural Engineering
- Transports and Infrastructures
- Water Resources and Rural Infrastructures
- Water and Environment Engineering
- Geotechnical Engineering
- Geo-resources and Petroleum Engineering

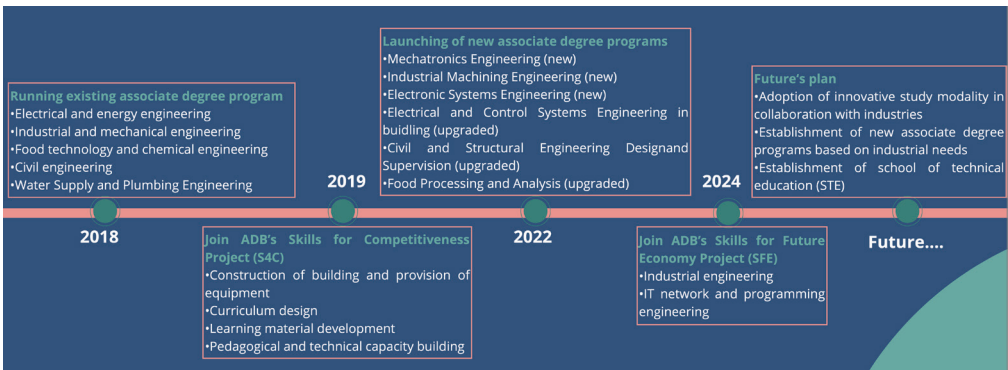


Associate Programs

- Civil and Structural Engineering Design and Supervision
- Food Processing and Analysis Engineering
- Installation and Maintenance of Electrical and Control Systems Engineering in Building
- Installation and Maintenance of Mechatronics Engineering
- Installation and Maintenance of Electronic Systems Engineering
- Mechanical Engineering Systems in Building
- Industrial Engineering
- Industrial Machining Engineering
- IT Network and Programming
- Water Supply and Plumbing Engineering
- Geotechnical Engineering

ASSOCIATE DEGREE OF ENGINEERING

Associate degree programs are providing based on competency-based training (CBT)



Key Features of CBT

	Training is modular in structure		Competencies are derived from occupational analysis
	Training delivery is individualized and self-paced		Training is based on work that must be done
	Assessment of learner is based in the collection of evidences of work		Training allows for multiple entry and exit
	Grades reflect the degree of mastery of competencies		Students are expected to master competencies aligned to career-ready standards



INTERNATIONAL PROGRAMS

ITC has offered international academic program at Engineering degree, Master and Doctor in the form of double degree program, sandwich, and articulation program (1+3) with partner university.

International Engineering Programs

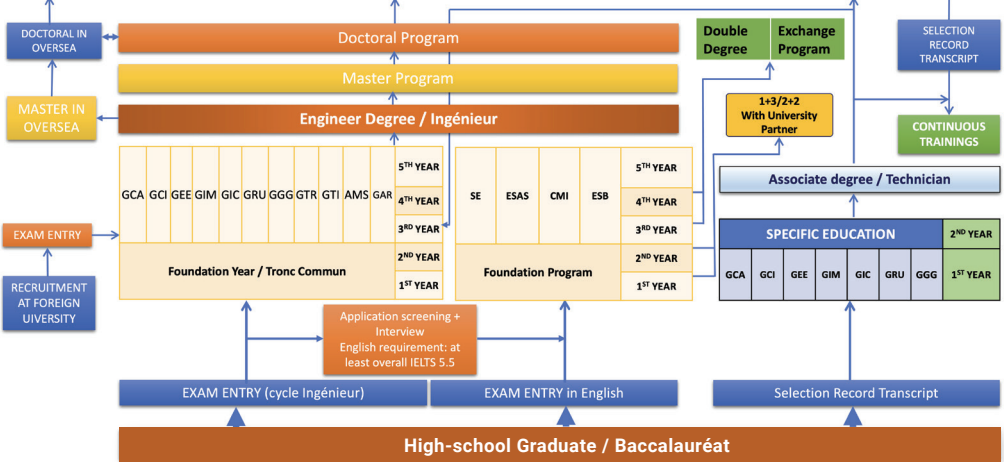
- 1 Software Engineering
- 2 Artificial Intelligence Engineering and Cybersecurity
- 3 Industrial Engineering and Supply Chain Management
- 4 Robotics and Automation Engineering
- 5 Electronics and Smart Automation System Engineering
- 6 Construction Management and Infrastructure Engineering
- 7 Construction Management and Infrastructure Engineering
- 8 Material Science and Engineering

Partner



CHART OF LEARNING

PROFESSIONAL LIFE





GRADUATE SCHOOL

Graduate school offers 8 master's programs and 5 doctor's program

Master's program

- Materials and Structural Eng.
- Energy Technology and Management
- Water and Environmental Eng.
- Agro-Industrial Eng.
- Computer Science
- Mechatronics, Information and Communication Eng.
- Transportation Eng.
- Data Science



Doctor's program

- Food Technology and Nutrition
- Energy Technology and Management
- Mechatronic and Information Technology
- Material Science and Structure
- Water and Environment



RESEARCH AND INNOVATION CENTER

The Research and Innovation Center consist of

05

Research units

114

Researchers

23

Research lab

80

Research projects

- Food Technology and Nutrition (FTN)
- Mechatronics and Information Technology (MIT)
- Energy Technology and Management (ETM)
- Water and Environment (WAE)
- Materials Science and Structure (MSS)

Highlight Research results (in 2023)

- Research funding: US 2.24 M (2023-2024)
- Publication: 255
- Prototype: 30
- Scientific event: Scientific Day, Earth Resources and Geo-Environment Technology International Conference (EraGet), Life Mechatronics International Symposium (LMS)
- Research platform: Platform for Aquatic Ecosystem Research (PAER)
- Peer review journal: Techno Science Research journal (TSRJ)





STEM LIBRARY

The STEM Library of the Institute of Technology of Cambodia support the teaching, research, and public service needs. It consists of E-learning and self-study room, Symposium, Showroom and Incubation Space.

Library at a Glance




12,662
Printed Book




1,836
Printed Thesis




104
Printed Journal



04
Database



20+
Open Access



04
System



E-LEARNING CENTER & CAMBODIAN CYBER UNIVERSITY NETWORK

The Cambodian Cyber University Network (CCUN) was established in 2022 under the Ministry of Education, Youth, and Sport with the aim of providing e-learning courses to improve the quality, equity, and access to higher education in Cambodia. The CCUN is incorporated with the e-Learning Center of the Institute of Technology of Cambodia (ITC), which was established in 2012 under the ASEAN Cyber University (ACU). Within this CCUN, the ITC plays a crucial role as a technical lead in the network, content development, and operation.

Facility



- Multimedia studio room
- Content development room
- Operation room
- Server room



Key Figures



- 11 Universities member
- 18 e-learning programs operate (ITC=10)
- 69 e-learning courses (ITC=52)
- 5432 e-learning learner (ITC=4020)
- 59 teachers (ITC=40)

COOPERATION

ITC has, for more than four decades, established a link between the French and the English speaking networks in the region and in the world. With its numerous collaborators, administrators, students, faculty members and alumni, this institution offers a unique multilateral context for an exchange of views with ministries, local authorities, NGOs, the private sector and partner institutions. These collaborations position ITC as a dynamic hub for education and research, facilitating a multifaceted exchange of knowledge and expertise.



Number of Agreements

300+

Academic and Research

61

Partner Universities in Asia

28

Partner Universities in Europe

02

Partner Universities in Australia

01

Partner Universities in North America



The synergy between international universities, local private sectors, public institutions, and global organizations amplifies the impact of ITC's initiatives.



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