



Department of Civil Engineering has a vision to produce civil engineers who have knowledge and competences in civil engineering in both theories and practices. Those who graduate shall possess lifelong learning minds, flexibility to adapt themselves to needs rising from ever-changing globalization, ability to communicate aptly in English, practical skills required to work domestically and abroad, and awareness in cultural differences so that they can become true world citizen.

Purposes of the Curriculum

The purposes of the curriculum are to produce graduates with:

- Sufficient fundamental knowledge to work in civil engineering field in the international level that can efficiently respond to current industrial requirements
- Proper collaborative skills to connect owners and contractors to work alongside designers in international environment

Qualifications for Applicants

Applicants shall be:

- High school graduates in science, mathematics, or math-science program, or applicants with certificates equivalent to pertaining programs issued by Ministry of Education
- Applicants who pass OHEC qualifications and/or regulations of Civil Engineering Department, KMUTT

Learning Method

- Outcome-Based Education
- 4-year curriculum in English
- Teaching hours are in weekdays, normal working hours

How to apply

- Through website www.admission.kmutt.ac.th
- Through direct admissions of the university or the department, Active Recruitment, 2B-KMUTT, Civil Camp, etc.

Career Opportunities

- Civil Engineers
- Project Managers
- Researchers in Civil Engineering
- Designers
- Relevant professionals in construction and surveys, etc.

Expenses

- Education fee/per semester 25,000 Baht
- Registration fee/per credit 1,500 Baht
- Overall average expense 423,500 Baht

Note: expenses may vary according to university announcements and years undertaking the program

Contact information

.ce.kmutt.ac.th

Facebook: Civil Kmutt



Structure

- In entirety 139 credits
- 1 track: Normal
- Normal
 - General Education 31 credits
 - Specifics 102 credits
 - Electives 6 credits
- Curriculum approved by University Council on September 7th, 2022

PLOs

PLO 1: Ability to work and live well under the law and moral frames of Thai and other society and be aware of the need to study orders and beliefs in workplace or organization or the necessity to live differently from one's own familiar path.

PLO 2: Ability to demonstrate scientific and mathematical knowledge.

PLO 3: Ability to use civil engineering skill and knowledge well.

Sub PLO 3.1: Understanding of engineering drawings, ability to select relevant codes and standards both in Thailand and foreign countries context, and ability to design civil engineering components.

Sub PLO 3.2: Ability to analyze civil engineering problems, ability to integrate civil engineering and other knowledge to create workable procedure and systems, and ability to identify proper technologies and construction techniques.

Sub PLO 3.3: Ability to understand material science and engineering data from tests.

Sub PLO 3.4: Ability to assess impacts from engineering decisions, ability to monitor progress and quality control, and ability to uphold safety.

PLO 4: Ability to learn, improve, and develop both oneself and work including create innovation.

PLO 5: Ability to work in multiple roles in the team, including promoting harmony and improving the group performance.

PLO 6: Ability to create understanding amongst stakeholders both in Thai and English by various means of communication.

PLO 7: Understanding of basis of good business and ability to present relevant business model to one's own work.

PLO 8: Awareness of current world issues and problems and assess impact of one's work towards it.