



Announcement Direct Admissions 1-2 (First Round)

Bachelor of Engineering (International Programs) Academic Year 2025

School of Engineering, King Mongkut's Institute of Technology Ladkrabang (KMUTL)

School of Engineering, King Mongkut's Institute of Technology Ladkrabang invites qualified applicants to apply for admissions to the School of Engineering in 4 years Bachelor's Degree Programs for Academic Year 2025 (beginning in July 2025). This round of admissions is opened to all applicants with excellent academic backgrounds. Selection of qualified candidates is based on the applicant's academic records, standardized test scores, and English proficiency test results, along with a personal statement, letters of recommendation, past academic activities, the interview and other supplementary documents.

1. Programs and Number of Acceptances

You may apply up to a maximum of 3 programs choices as listed in the following table. Specify the ranking when considering the application.

| No. | Programs | Persons |
|-----|---|---------|
| 1 | AI Engineering and Entrepreneurship | 40 |
| 2 | Biomedical Engineering | 20 |
| 3 | Civil Engineering | 15 |
| 4 | Computer Engineering | 10 |
| 5 | Electrical Engineering | 20 |
| 6 | Energy Engineering | 20 |
| 7 | Financial Engineering | 20 |
| 8 | Industrial Engineering and Logistics Management | 25 |
| 9 | Mechanical Engineering | 15 |
| 10 | Mechatronics Engineering | 40 |
| 11 | Robotics and AI Engineering | 30 |
| 12 | Software Engineering | 30 |

Remark: 1. The number of accepted applicants may subject to change if candidates' qualification does not meet the programs' minimum requirements.

2.The decision of the School of Engineering at King Mongkut's Institute of Technology Ladkrabang regarding applicant selection shall be deemed final.

2. Application Requirements

The application process is conducted in accordance with KMITL's guidelines, and also rules and regulations.

2.1 Educational background (Required)

The applicant **must satisfy** at least one of the following requirements:

- 1) Graduated from or currently studying in Matthayom 6 (Thailand's Education System).
- 2) Graduated with qualifications equivalent to Matthayom 6, as recognized by the Ministry of Education. (<https://assets.mytcas.com/68/announcement/tcas68-announcement-1.pdf>)
- 3) Graduated from or currently enrolled in an accredited college or higher education institution in Thailand or abroad.

Remark: All applicants **must submit** an official final transcript, along with their official high school diploma and/or certificates of completion from their school, prior to the commencement of the Academic Year 2025.

2.2 Academics Record (Optional)

The applicant **should submit** at least one of the following standardized test results and obtain a score which meet the minimum requirements as specified below:

| Programs | Standardized Test Results | | | | | |
|--|---------------------------|------------|---|-----------|---------------------|---|
| | SAT or | GSAT or | School Letter or | ACT or | IB Diploma or | Any national higher education board exam result |
| AI Engineering and Entrepreneurship | 1,020 | 1,020 | GPA at least 4 semesters in the class rank of 75 th percentile or above | 19 | 29 | - British A-Level - China's Gaokao - South Korea's Suneung - Myanmar's Matriculation - Vietnam's National High School Graduation Exam - Indonesia's Seleksi Nasional Berdasarkan Tes (SNBT) - Thailand's TGAT/TPAT3/A- Level - Other National Standardized Test Scores |
| Biomedical Engineering | | | | | | |
| Civil Engineering | | | | | | |
| Computer Engineering | | | | | | |
| Electrical Engineering | | | | | | |
| Energy Engineering | | | | | | |
| Industrial Engineering and Logistics Management | | | | | | |
| Mechanical Engineering | | | | | | |
| Mechatronics Engineering | | | | | | |
| Robotics and AI Engineering | | | | | | |
| Financial Engineering * | | | | | | |
| Software Engineering * | | | | | | |

Remark: *The applicants for **Financial Engineering** and **Software Engineering** are required to meet one of the following additional requirements.

- SAT or GSAT Math score of 600 or above
- or ACT Math score of 23 or above
- or IB Diploma score for a subject in Mathematics with a score of 5 or above
- or AP test for a subject in Mathematics with a score of 4 or above
- or A-Level or AS-Level for a subject in Mathematics with grade B or above
- or A-Level Mathematics 1 (TCAS) with a score of 30 or above
- or Cumulative GPA of all Math subjects in high school at least 3 out of 4 (or equivalent)
- or National Standardized Test Score in Mathematic Subject of 75% or above

2.3 Language Requirement (for non-native English speakers) (Optional)

The applicant **should submit** at least one of the following English Proficiency Test scores, meeting or exceeding the minimum requirements specified below

| English Proficiency Test | Minimum Score |
|---|---------------|
| TOEFL (Paper-based) | 550 |
| TOEFL (Computer-based) | 213 |
| TOEFL (Internet-based) | 79 |
| IELTS | 6.0 |
| Cambridge English Exams FCE or CAE or CPE | 170 |
| IB – English A1 or A2 | 4 |
| IB – English B (HL) | 5 |
| KMITL-TEP | B2 |
| CU-TEP | 90 |
| Pearson PTE | 55 |
| Duolingo | 110 |

- Remark:**
1. Applicants who achieve an English proficiency score that meets or exceeds the minimum requirements may be admitted unconditionally. (The provided test score must not be more than two years old.)
 2. Applicants who fail to submit any English proficiency test score or have a score below the minimum score specified above can be conditionally admitted by enrolling in additional General Education English courses at KMITL during their first academic year.

2.4 Personal Statement (Optional)

The applicant **should write** an essay (500 words or below) that provides insight into the reasons for pursuing a degree program, including long term goals, motivation, and commitment, and also demonstrates your ability to communicate your thoughts systematically.

2.5 Two Recommendation Letters (Optional)

The applicant **should provide** two recommendation letters written by your high school academic advisors or teachers of any subject in high school.

3. Admissions Schedule

| Details | Dates |
|---|------------------------|
| 1. Application filing and Application Fee Payment Period http://new.reg.kmitl.ac.th/admission/ | Now – January 6, 2025 |
| 2. Interview Candidate Notification http://new.reg.kmitl.ac.th/admission/ | January 13, 2025 |
| 3. Candidate Interview Date | January 18, 2025 |
| 4. Interview Result Announcement http://new.reg.kmitl.ac.th/admission/ | January 24, 2025 |
| 5. TCAS Clearing House (for Thai Nationality only) | February 5 - 6, 2025 |
| 6. Announcement of admitted candidates with the details of how to make advanced payment of tuition fees | February 13, 2025 |
| 7. Enrolment confirmation and tuition fee payment http://www.reg.kmitl.ac.th | February 18 - 24, 2025 |

Remark: Applicants who have confirmed their enrollment in a specific program through the TCAS website (Clearing House) without processing a waiver will be automatically disqualified by Council of University Presidents of Thailand.

4. Application Submission

Step 1: Applicants must apply via KMITL online application system

<https://new.reg.kmitl.ac.th/admission/>

User guidance for application system:

<https://drive.google.com/file/d/1DHWVayEjQtMde8hHcDTYHe3XzEyNZTta/view?usp=sharing>

Step 2: Applicants must print the payment slip and deposit a non-refundable application fee of 1,000 baht at any Kasikorn Bank (KBank) counter (with an additional 10-baht fee) or scanning the barcode via any mobile Banking application (free of charge).

Remark: The applicant is responsible for any additional transaction fees incurred by financial institutions. **Please be notified that the application fee is non-refundable.** Eligibility for an interview will be informed to the applicant after the review of the application form and supporting documents is completed by the admission committees. The specific timing of the interview will be announced at a later date via the registrar website and the SIIE official Facebook page.

Step 3: Applicants must upload your application form and all supporting documents as specified below in one pdf file (no larger than 4MB) to the online application system.

- 1) Your application form (**Can be downloaded from the application system**)
- 2) A photocopy of the applicant's national identification card or passport

- 3) Academic Records - High School Transcript, SAT, ACT, IB etc.
- 4) English Proficiency Test score - IELTS, TOEFL etc. (optional)
- 5) Two recommendation letters from teachers or supervisors. (optional)
- 6) Personal Statement (optional)
- 7) Portfolios (optional)(No more than 10 pages including the cover page)
- 8) Placement test results (optional): submit available AP, IB Higher Level, A-Level, or any grade 12 equivalent placement test results. The policy and criteria for placement credits will be determined prior to the applicant's enrolment.
- 9) Certificate in any academic activities provided by School of Engineering – KMITL

(optional)

Remark: Please rename your pdf file before uploading to the application system as follows:
1st Selected Program Name_Application ID_Firstname Lastname
Biomedical Engineering_12345_Supatsorn Prombut

5. Tuition Fees and Enrolment Confirmation

| No. | Programs | THB/Semester |
|-----|---|--------------|
| 1 | AI Engineering and Entrepreneurship | 175,000* |
| 2 | Biomedical Engineering | 105,000** |
| 3 | Civil Engineering | 90,000 |
| 4 | Computer Engineering | 90,000 |
| 5 | Electrical Engineering | 90,000 |
| 6 | Energy Engineering | 90,000 |
| 7 | Financial Engineering | 120,000 *** |
| 8 | Industrial Engineering and Logistics Management | 90,000 |
| 9 | Mechanical Engineering | 90,000 |
| 10 | Mechatronics Engineering | 105,000** |
| 11 | Robotics and AI Engineering | 105,000** |
| 12 | Software Engineering | 90,000 |

Remark:*The fees for Joint Degree program in AI Engineering and Entrepreneurship comprise of the tuition fee of 76,000 THB/semester and the supplemental fee of 10,000 THB/semester for KMITL and the tuition fee of 79,000 THB/semester and the supplemental fee of 10,000 THB/semester for BU, which sum up to 175,000 THB/semester.

******The fees for Biomedical Engineering, Mechatronics Engineering, and Robotics and AI Engineering comprise of the tuition fee of 90,000 THB/semester and the supplemental fee of 15,000 THB/semester, which sum up to 105,000 THB/semester.

***The fees for Dual-Degree program in Financial Engineering comprise of the tuition fee of 72,000 THB/semester and the supplemental fee of 48,000 THB/semester, which sum up to 120,000 THB/semester.

6. Scholarships

Academic Excellence Freshmen Scholarships are offered to applicants with excellent academic performances to pursue their undergraduate education in the international programs, the School of Engineering at KMITL. The scholarship will be granted to 1st year students for two semesters.

Minimum Academic requirements are as follows:

- 1) Achieved SAT General test composite score of at least 85 world percentiles (1,300)
- 2) Achieved TOEFL score of at least 550 (paper-based) or 213 (Computer-based), or 79 (Internet-based), or IELTS score of at least 6.0.

7. Contact Information

For additional information of Admissions, please contact SIIE office, School of Engineering, KMITL

- Phone: +669 3474 7468
- Line Official Account: @siie_kmitl
- Email: siie-admission@kmitl.ac.th
- Facebook: <https://www.facebook.com/KMITL.SIIE>
- Line Open Chat: https://line.me/ti/g2/q9RfiQPDHSjqUtd2l9Fb6Awn2eQGYnb85cXxA?utm_source=invitation&utm_medium=link_copy&utm_campaign=default



For more details in each program, directly contact our Program Directors:

- Biomedical Engineering
 - o Phone: +669 3474 7468
 - o Line Official Account: @siie_kmitl
 - o Phone: +66 83 449 7543
 - o Contact person: Prof. Dr. Chuchart Pintavirooj
 - o Email: chuchart.pi@kmitl.ac.th
 - o Website: <https://bme.kmitl.ac.th/>
- Civil Engineering
 - o Phone: +66 80 995 9727
 - o Contact person: Dr.Chortham Srinil

- o Facebook: <https://www.facebook.com/CEatKMITL>
- o Website: <https://civil.kmitl.ac.th/>
- o Line id: @ceatkmitl
- Computer Engineering
 - o Phone: +66 93 474 7468
 - o Contact person: Asst.Prof.Dr.Rathachai Chawuthai
 - o Facebook: <https://www.facebook.com/CE.KMITL/>
 - o Website: <https://www.ce.kmitl.ac.th/>
 - o Email: rathachai.ch@kmitl.ac.th
- Electrical Engineering
 - o Phone: +66 93 474 7468
 - o Contact person: Asst.Prof.Dr.Teeraphol Phongphowiwat
 - o Email: teeraphol.ph@kmitl.ac.th
- Energy Engineering
 - o Phone: +66 2 329 8397
 - o Contact person: Asst.Prof.Dr. Kittipass Wasinarom
 - o Email: kittipass.wa@kmitl.ac.th
 - o Facebook: <https://www.facebook.com/Energy.KMITL>
 - o Website: <http://energyacademy.asia/>
- Financial Engineering
 - o Phone: +66 98 339 9003
 - o Contact person: Dr. Pimprapai Thainiam
 - o Email: fe@kmitl.ac.th
 - o Line Official Account: @fe.kmitl
 - o Website: <https://nida.kmitl.ac.th/>
 - o Facebook: <https://www.facebook.com/kmitl.nida>
- Industrial Engineering and Logistics Management
 - o Phone: +66 2 329 8339
 - o Mobile phone+66 99 496 1526, +66 86 327 1777
 - o Contact person: Asst.Prof.Dr. Suwaree Chankitmunkong
 - o Email: sie_admission@kmitl.ac.th
 - o Line Official Account: @imse_kmitl
 - o Website: <https://www.ie-kmitl.org/>
 - o Facebook: <https://www.facebook.com/IELM.KMITL>
- Mechanical Engineering
 - o Contact person: Asst.Prof.Dr. Akapot Tantrapiwat
 - o Email: akapot.ta@kmitl.ac.th

- Robotics & AI Engineering and Mechatronics Engineering
 - o Contact person: Miss Siwaporn Leenoi
 - o Mobile phone +66 84 624 4535
 - o Email: rai@kmitl.ac.th
 - o Line Official Account: @rai_kmitl
 - o Website: <https://www.krai.io/>
 - o Facebook: <https://www.facebook.com/KMITL.RoboticsAI>
- Software Engineering
 - o Contact person: Asst.Prof.Dr.Visit Hirankitti
 - o Mobile Phone +66 80 454 9990
 - o Email: visit.hi@kmitl.ac.th
 - o Website: <http://www.se.kmitl.ac.th>
 - o Facebook: <https://www.facebook.com/sekmitl>

Appendix

Upon enrollment in the School of Engineering at KMITL, students are eligible to apply for the following unified programs (Bachelor's and Master's Degree programs) through the designated application process. Note that students are not guaranteed to be admitted to unified programs unless the requirements are met.

1. The 5 years Unified Bachelor's & Master's Degree Program (KMITL- AIT)

Students will spend the first seven (7) semesters (3.5 years) at KMITL for bachelor courses, and do the 8th semester of Bachelor Capstone Projects at Asian Institute of Technology (AIT), while at the same time do the Master's program at AIT, credits earned from which will be transferred to the bachelor's degree, students will have the opportunity to complete the master program in 3 semesters and 1 inter-semester(1.5 years).

| No. | Programs |
|-----|---|
| 1 | Biomedical Engineering |
| 2 | Civil Engineering |
| 3 | Industrial Engineering and Logistics Management |
| 4 | Robotics and AI Engineering |

Decision of admission should be made by the end of 7th semester.

Required Documents

- Transcripts or Grades Certificates of 6 semesters from Bachelor 's Degree at KMITL
- Minimum Cumulative GPA of 2.75 on the scale of 4.0 or Grade B or 65%above
- Recommendation Letter from KMITL
- Health Certificate issued by KMITL, medical officers or KMITL accredited physicians
- English Proficiency Test Result

| English Proficiency Test | Minimum Score |
|-------------------------------------|---------------|
| TOEFL (Paper-based) | 550 |
| TOEFL (Computer-based) | 213 |
| TOEFL (Internet-based) | 79 |
| IELTS | 6.0 |
| AIT English Entrance Test (AIT-EET) | 6.0 |

Remark: The English Proficiency Test score must not be more than two years old.

A student is required to make a tuition fee payment directly to AIT during 8th - 10th semester at the rate of 540,000 THB (covering tuition fees for capstone project, registration and credit).

For more details in Asian Institute of Technology (AIT), please directly contact AIT:

o Facebook: <https://www.facebook.com/aitunifiedprogram>

o Website: <http://unified.ait.ac.th/index.html>

o Email: unified@ait.ac.th

2. The 5 years Unified Bachelor's & Master's Degree Program (KMITL - CMKL)

Become a Creative Innovator with SIE and MS.TCI, our unified Bachelor's-Master's program. This innovative 4+1 curriculum accelerates your path to innovation leadership by blending creativity, technology, and business skills. During bachelor's degree, students will take one course per semester from the master's program, followed by a full year of intensive study in the MS.TCI program. This unique structure, which includes a hands-on capstone project, equips students to emerge as both a creative innovator and an innovation product owner in just five years. Explore more at <https://www.cmkl.ac.th/undergraduate/siie>

| No. | Programs |
|-----|---|
| 1 | Biomedical Engineering |
| 2 | Civil Engineering |
| 3 | Computer Engineering |
| 4 | Electrical Engineering |
| 5 | Energy Engineering |
| 6 | Industrial Engineering and Logistics Management |
| 7 | Mechanical Engineering |
| 8 | Robotics and AI Engineering |
| 9 | Software Engineering |

The student is required to provide all the necessary documents, satisfy the English language requirements, and follow the admission procedure set out by CMKL (<https://eic.cmkl.ac.th/admission>). CMKL will evaluate the application and determine whether the student is provisionally admitted to the Master's program the student has applied for.

For more details in CMKL University (CMKL) and School of Engineering, King Mongkut's Institute of Technology Ladkrabang (KMITL), please directly contact CMKL:

- o Contact Person: Natasha Patamapongs (Program Director)
- o Email: natasha@cmkl.ac.th
- o Website: <https://eic.cmkl.ac.th/>
- o Email: eic@cmkl.ac.th

Announced on December 6, 2024



(Associate Professor Dr. Anuwat Jangwanitlert)
Executive Vice President for Academic Affairs

These are the list of special track programs provided by School of Engineering (International Programs), KMITL. Our various joint degree programs with university partners will let you study in two different programs and graduate with two independent degrees to gain in-depth knowledge and develop your applicable skills in two disciplines. Moreover, you will enjoy a once in a lifetime opportunity to study abroad and get the opportunities to win in the ever-rapid global competitiveness.

| No. | Special Track Programs | KMITL Programs | Degree | Detail |
|-----|---|---|--|--|
| 1 | Unified Program (Asian Institute of Technology, Thailand) | Biomedical Engineering Civil Engineering Industrial Engineering and Logistics Management Robotics and AI Engineering | 1 Bachelor's Degree 1 Master's Degree | Students will spend the first seven (7) semester (3.5 years) at KMITL for bachelor courses, and do the 8 th semester of Bachelor Capstone Projects at AIT, while at the same time do the Master's program at AIT |
| 2 | Unified Program (CMKL University, Thailand) | All international engineering programs | 1 Bachelor's Degree 1 Master's Degree | Students will spend the first 6 semesters (3 years) at KMITL for bachelor courses and do the 7 th - 8 th semester of Bachelor Capstone Projects at CMKL to graduate with a Bachelor's degree at the end of Year 4 at KMITL. The coursework of Master's degree will be starting from 7 th semester to graduate with a master's degree at the end of Year 5 |
| 3 | Unified Program (KMITL Business School, Thailand) | All international engineering programs | 1 Bachelor's Degree 1 Master's Degree | Students will spend the first 4 years at KMITL Engineering for bachelor courses, and do the 1 year for Master degree courses at KMITL Business School (KBS) in M.B.A. (Business Administration), |
| 4 | Dual Degree (NIDA, Thailand) | Financial Engineering | 1 Bachelor's Degree 1 Master's Degree | A combined Bachelor's and Master's degree program (4+1) jointly offered by KMITL and NIDA. The program intends to train a strong foundation in the theories of economics and finance, mathematical methods for quantitative data analysis, and computer programming and technologies. |

| No. | Special Track Programs | KMITL Programs | Degree | Detail |
|-----|--|---|---------------------|--|
| 5 | Double degree (University of Glasgow, UK) | Biomedical Engineering | 2 Bachelor's Degree | Students will start the first 2 years in the BME at KMITL and spending another 2 years of studies at the University of Glasgow with B.Eng. in Biomedical Engineering |
| | | Software Engineering | | The Program enables qualified student who have completed Year 2 in the SE program at KMITL to enter Years 3 and 4 of the Software Engineering programs at the University of Glasgow's School of Computing Science. |
| 6 | Double degree (University of Strathclyde, UK) | Electrical Engineering (Power major) | 2 Bachelor's Degree | Students will start the first 2 years at KMITL in Electrical Engineering – Power major (B.Eng.) and 2 years at University of Strathclyde. |
| | | Industrial Engineering and Logistics Management | | The 2+2 partnership, Students will get Bachelor of Engineering degree from KMITL and Bachelor of Engineering Manufacturing Engineering with Management or Bachelor of Product design Engineering from University of Strathclyde (Student must choose one program). |
| 7 | Double degree (University of Birmingham, UK) | Civil Engineering | 2 Bachelor's Degree | The 2+2 partnership sees students spend the first two years at Bachelor of Engineering (B.Eng.), KMITL and continuing to University of Birmingham, UK another two years related to each program. |
| | | Robotics and AI Engineering | | |
| 8 | Double degree (University of Queensland, Australia) | Software Engineering | 2 Bachelor's Degree | The Program enables qualified student who have completed Year 2 in the SE program at KMITL to enter Years 3 and 4 of the Software Engineering program at the University of Queensland in Bachelor degree of Science (B.Sc.) – Computer Science |

| No. | Special Track Programs | KMITL Programs | Degree | Detail |
|-----|---|-------------------------------------|--|---|
| 9 | Double degree (University of Adelaide, Australia) | Biomedical Engineering | 2 Bachelor's Degree | Students will start the first 2 years in Biomedical Engineering at KMITL and spending another 2 years of studies at the University of Adelaide with B.Eng. in Biomedical Engineering |
| 10 | Dual Degree (Kyutech - Kyushu Institute of Technology, Japan) | Robotics and AI Engineering | 1 Bachelor's Degree 1 Master's Degree | RAI B.Eng. Program (School of Engineering, KMITL) in conjunction with the RCI Master program (KMITL) launches a double degree in the field of robotics with Master Degree from Kyutech (4+1 Year). The tuition fee waived from the Japanese partner when studying in Japan. |
| 11 | Dual Degree (School of Dentistry (KMITL), Thailand) | Biomedical Engineering | 2 Bachelor's Degree | Students will start the first 3 years in Biomedical Engineering at KMITL and spending another 5 years of studies in Doctor of Dental Surgery (D.D.S) at School of Dentistry, KMITL. |
| 12 | Dual Degree (School of Architecture (KMITL), Thailand) | Civil Engineering | 2 Bachelor's Degree | Students will study for 4 years in B. Eng Civil Engineering at KMITL and 5 years in B. Sc Architecture at School of Architecture, KMITL together. |
| 13 | Dual Degree (College of Materials Innovation and Technology (KMITL), Thailand) | Robotics and AI Engineering | 2 Bachelor's Degree | Students will study for 4 years in B. Eng Robotics and AI Engineering at KMITL and B. Eng Smart Materials Technology at CMIT, KMITL together. |
| 14 | Joint Degree (Bangkok University) | AI Engineering and Entrepreneurship | 1 Bachelor's Degree | Students will study for 2 years in at School of Engineering, KMITL and another 2 years at School of Entrepreneurship and Management, Bangkok University. |

**** Remark ****

1. Applicants who are interested to join those special track programs above, please directly contact us via siie-admission@kmitl.ac.th
2. More of our joint degree programs will be lunched soon.