



KMITL

KING MONGKUT'S INSTITUTE OF
TECHNOLOGY LADKRABANG

International College



POSTGRADUATE

www.ic.kmitl.ac.th

ABOUT US

King Mongkut's Institute of Technology Ladkrabang, nationally renowned as KMITL, was first established in 1960 in Nonthaburi with academic cooperation from the government of Japan. With a focus on providing excellence in education nationally and globally, KMITL also intensively developed research in science and technology for the industrial and economic development of Thailand, welcoming students to be part of the country's developing process.

With royal permission, KMITL bears the royal name of King Rama IV, known as Father of Thai Science, and has its symbol, the royal crown emblem.



TODAY, AS ONE OF THE MAJOR PUBLIC UNIVERSITIES IN THAILAND, KMITL CONSISTS OF 12 FACULTIES INCLUDING:

- Faculty of Engineering
- Faculty of Architecture
- Faculty of Industry Education
- Faculty of Science
- Faculty of Agricultural Technology
- Faculty of Information Technology
- Faculty of Agro-Industry
- Chumphon Campus
- College of Nanotechnology
- College of Data Storage Technology and Applications
- Administration and Management College
- The International College

ACCREDITATION

KMITL is a leading Public University with accreditation from the commission of Higher Education and supervised by the Thai Ministry of Education.

COOPERATION

Our academic cooperation with well-known Universities in Europe such as Frankfurt (Germany), Imperial College (London, UK) or University of Glasgow (UK) makes us attractive to prospect students aiming for International careers.

INTERNATIONAL COLLEGE

The International College is one of the newest faculties and function as an autonomous unit focusing on multidisciplinary programs which are based not only on the strong experience of KMITL in science and technology but also on knowledge in other fields such as business and management.

The International College proposes to students a unique multi-cultural experience by studying in a challenging English-speaking environment.

Our Researchers, Lecturers and Management team come from diverse horizons sharing a similar goal, to be a leading University producing graduates with high academic standards combined with exceptional knowledge of their respective industries, ready to succeed in today's globalized world.



LIVING IN BANGKOK

Thailand is undoubtedly one of the most famous tourist destinations worldwide. Bangkok, its capital, is well known as a breathtaking city with thousands of things to do day and night. Studying in Bangkok is one these things.

As one of the most exciting capital city in Asia, Bangkok offers to prospective students, a real life experience that will help them to grow culturally and academically as students, and also as individuals.

INSIDE & OUTSIDE CAMPUS FACILITIES

INSIDE THE CAMPUS

Several convenience stores, pharmacies, coffee shops, book stores, banks, a post-office, and restaurants are open all day long in-campus.

AROUND THE CAMPUS

The KMITL Campus is surrounded by a large diversity of businesses including restaurants, 7-eleven stores, supermarkets, local markets and other shopping attractions.

All these facilities are at walking distance from the campus but you can still use public transportation at your convenience.

A nearby Public Park is located at the intersection of Chalong Krung road and Latkrabang road.

TRANSPORTATION

HOW TO GET HERE?

The KMITL International College is ideally located at proximity of the Suvarnabhumi International Airport in the quieter suburbs of Bangkok.

You can visit us on our campus using public transports (buses, Railway or airport link), taxis (Techno Ladkrabang), or private cars (Google map coordinates 13.726646, 100.776400).

Even if KMITL is located in the suburbs of Bangkok, it is still relatively easy to reach the city center using the airport link to PayaThai station. The trip is about 35 minutes from Latkrabang station.



MAP



STUDENT LIFE

STUDYING AT KMITL



ACCOMMODATION

The University can provide accommodations (dormitories) to prospective students upon request. The rooms at the university have air-condition, free Wi-Fi and all the necessary facilities for students to enjoy their stay during their studies.

Students can easily find, via the web, room availabilities in the Latkrabang area at reasonable prices.

TERM TIMES

OUR UNIVERSITY FOLLOWS THE INTERNATIONAL TERM STANDARDS:

| SEMESTER 1 |
|-----------------------------|
| Early August - Mid December |
| SEMESTER 2 |
| Early January - Mid May |

Following International standards grant us the privilege of enhancing our collaborations with internationally well-known universities worldwide.

Also, students who enroll exchange programs with our partnered universities do not feel any disruption as we follow a similar calendar.



SPORTS & ACTIVITIES

FACILITIES

KMITL offers a wide range of sport facilities for students to use including for instance an Olympic sized swimming pool, tennis, basketball and badminton courts, fitness center and a soccer field.

UNION & CLUBS

At the International College, we encourage our students to join unions and clubs according to their interests. Being members of social groups really help them to grow and to understand the power of people, socially and professionally.

The university proposes several clubs and unions to join including KMITL Chorus, Dance club, Chess Club, Multimedia Club to name a few.

STUDENT WELFARE

Your health during your studies is one of our main concerns. A First-aid infirmary, providing free health care, is located on-campus, and several other hospitals and medical facilities surround the institute.

Pharmacies can easily be found inside and outside KMITL, usually at walking distance from your accommodation.

CAREERS

Since its establishment in the early sixties', KMITL has strongly committed itself to lead students to greater achievements and successful careers in their respective industries.

As one of the major University in Thailand in the engineering field, KMITL is pleased and proud to look back at its alumni and glad to be a part of their successful careers and achievements.

ACADEMIC FACILITIES

LIBRARY

The recently refurbished main library offers an outstanding studying environment with countless numbers of international books and research papers from many fields and industries.

Our library facilities propose a quiet and effective studying experience to our students, a place to relax or a meeting point for developing projects and ideas.

RESEARCH LABORATORIES

The quality and uniqueness of our research laboratories are one of the strong characteristics of the reputation of KMITL.

Our efforts to provide the best equipment to our students encourage them to adapt themselves to newest technologies and be ready to operate in their future industries.

COST

KMITL International College offers to prospective students a unique human experience and high standards qualifications in engineering in different fields and industries.

As a public University, KMITL challenges itself to always provide the most affordable and efficient solutions to its students.

Scholarships from KMITL are also available for both, Thai nationals and international students on our website

HOW TO APPLY

To get more information or apply for one of our courses, please follow the link:

www.ic.kmitl.ac.th

AE

AUTOMOTIVE ENGINEERING

In order to achieve an environmentally friendly transportation of the next generation, a sophisticated automobile has to be developed and widely used throughout the entire world. All automotive industries required trained engineers who have global perspective, international exposure and knowledge of diverse topics. Taking the requirements of automotive industries in mind and considering the expansion that is taking place, the Master of Engineering Program in Automotive Engineering has been developed to create industry-ready engineers who have essential required and more advanced concepts.



SPECIAL CHARACTERISTICS OF THE PROGRAM

1. The TAIST-Tokyo Tech program accepts students not only from Thailand or Asian countries, but also from all over the world.
2. The students register at a host university (KMILT or KMUTT), and at the same time at TAIST-Tokyo Tech.
3. TAIST-Tokyo Tech students need to be "Full Time Student".
4. A number of professors from Tokyo Tech, Japan, will come and give lectures to the students and also advise the students in the second year of study.
5. All lectures are conducted in English.
6. Thai professors also serve as co-lecturers and advisors of the students. Some courses are taught by highly-qualified Thai professors / NSTDA researchers.
7. The lectures are provided at the National Science and Technology Development Agency (NSTDA), Thailand Science Park, where the TAIST-Tokyo Tech office is located.
8. The students conduct their research work at four national research institutes or at host universities.
9. The tuition fee for TAIST-Tokyo Tech students is supported by NSTDA.
10. Additional financial support, such as registration fee for international conference, is provided.
11. A living allowance for students can be applied for through TGIST or NUI-RC.

GRADUATION REQUIREMENTS

1. Pass twenty-four credits of taught courses required by the curriculum with an accumulative GPA of at least 3.00. In addition, the grade of each course must be at least "B".
2. Pass fourteen credits of thesis work and a thesis defense.
3. The thesis is approved by an external examiner and the thesis committee, or at least one paper that has been accepted for publication in international conference proceedings.
4. At least one paper related to the thesis work has been accepted for publication in a national journal approved by the Academic Review Committee.
5. Pass the English proficiency requirement.
6. Period of study is 2 years, with maximum of 4 years.

THE TOTAL NUMBER OF CREDITS OF THE PROGRAM IS 38 CREDITS WHICH ARE DIVIDED INTO:

| PROGRAMS | CREDITS |
|-----------------------|-------------------|
| Required Courses | 9 Credits |
| Mathematics | 3 Credits |
| Free Elective Courses | 12 Credits |
| Seminar | 2 Credits |
| Thesis | 12 Credits |
| Total | 38 Credits |

APPLICANT'S QUALIFICATIONS

1. The applicants must be residents of Thailand or other Asia Pacific countries. Applicants from other countries will be considered on case-by-case basis.
2. The applicants must hold a Bachelor's degree in Engineering, Science, Technology or related fields accepted by the TAIST-Tokyo Tech Executive Committee.
3. The applicants must have a cumulative GPA of at least 2.75, or at least two years of work experience, or sufficient relevant research experience as specified by the Executive Committee.
4. The applicants must submit one of the following English proficiency test score; TU-GET, KU-TEST, CU-TEP, TOEFL and IELTS, or take an English proficiency test conducted by TAIST-Tokyo Tech program.

ADMISSION AND SELECTION PROCESS

1. Download the application form at: www.nstda.or.th/taist_tokyo_tech
2. Fill in the application form and submit it together with the following documents:
 - Two 1x1 inch recent photographs.
 - An official transcript for Bachelor's degree (and Master's degree, if applicable).
 - Two recommendations letters, one from an academic advisor, or supervisor.
 - Two set of copy of ID or passport.
 - One set of copy of house registration.
3. Send all documents to the following E-mail: taist@nstda.or.th
4. Applicants without the English proficiency test scores are required to take an English examination held by the TAIST-Tokyo Tech program.
5. The applicants will be interviewed by a selection committee on a specified date and time.
6. The list of admitted applicants will be announced at www.nstda.or.th/taist_tokyo_tech



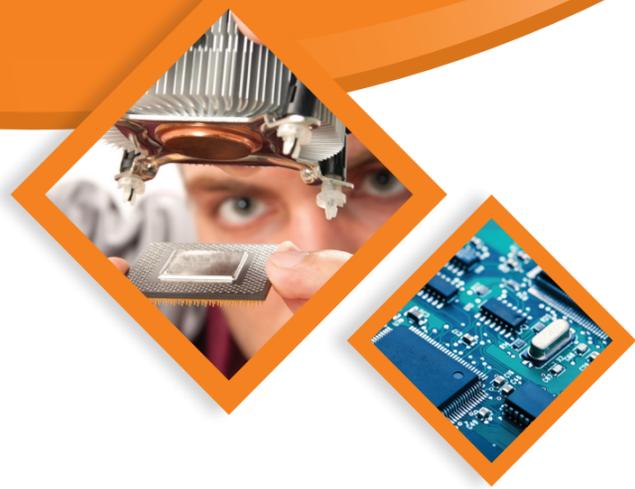
APPLY ONLINE NOW

www.nstda.or.th/taist_tokyo_tech

CiES

COMPUTING IN ENGINEERING SYSTEMS

Computing in Engineering Systems (CiES) program offered by International College, KMITL, is a multidisciplinary Master Degree program which integrates essential engineering knowledge for research and development in Technology Convergence era. It is an art of combining engineering technology with problem solving algorithms using applied mathematics and software running on high performance computers. CiES program aims to prepare international workforces who are professional in applying both computer software and hardware for solving complex engineering problems.



“ Creative
Innovative
Applicable ”

ADMISSION

1. The applicant downloads the application form from the following URL. www.ic.kmitl.ac.th/cies
2. The applicant fills in the application form and submits it together with the following documents:
 - Two 1-inch x 1-inch recent portrait.
 - An official transcripts for Bachelor's degree.
3. The applicant is requested to send all the documents to the following e-mail. ic.cies@kmitl.ac.th
4. All applications will be evaluated by International College Committee as approved by KMITL.

DEGREE

- The graduate student will be granted Master.

QUALIFICATIONS

- Applicants must hold a Bachelor's degree in Engineering, Science or related field.
- Applicants under AUN/SEED-Net program selected by JICA is qualified for plan A of this program.

GRADUATION REQUIREMENTS

1. Student must have full credits specified by the program.
2. Approval of thesis according to KMITL regulation.
3. At least 2 papers (Plan A) or 1 paper (Plan B) related to thesis have been accepted for publication in international conference / journal approved by the Academic Review Committee.
4. Prove of English proficiency.

FAQ

- Q:** What is Computing in Engineering Systems (CiES)?
A: CiES combines multidisciplinary knowledge to solve complex engineering problems with applied mathematics and high performance computer.
- Q:** Are there any scholarships granted for the program?
A: There are scholarships granted by JICA as well as by KMITL though limited.
- Q:** How do I get further information?
A: Please see further information at the following website www.ic.kmitl.ac.th/cies

STUDY PLANS

| YEAR / SEMESTER | PLAN A | PLAN B |
|-----------------|---|---|
| 1/1 | <ul style="list-style-type: none"> • Engineering Mathematics* • Research Methodology* • Thesis 1 | <ul style="list-style-type: none"> • Engineering Mathematics • Research Methodology • Elective 1 |
| 1/2 | <ul style="list-style-type: none"> • Seminar • Thesis 2 | <ul style="list-style-type: none"> • High Performance Computing • Computational Intelligence • Seminar • Elective 2 |
| 2/1 | <ul style="list-style-type: none"> • Thesis 3 | <ul style="list-style-type: none"> • Thesis 1 • Elective 3 |
| 2/2 | <ul style="list-style-type: none"> • Master Thesis | <ul style="list-style-type: none"> • Master Thesis • Elective 4 |
| Credits | 37 | 37 |

ELECTIVE SUBJECTS

| IS | CME | PAS |
|--|---|--|
| <ul style="list-style-type: none"> • Intelligence Network | <ul style="list-style-type: none"> • Computer Modeling | <ul style="list-style-type: none"> • Image and Vision Computing |
| <ul style="list-style-type: none"> • Web Mining | <ul style="list-style-type: none"> • Computational Fluid Dynamics | <ul style="list-style-type: none"> • Robotics in Manufacturing |
| <ul style="list-style-type: none"> • Advanced Algorithms | <ul style="list-style-type: none"> • Finite Element Computational Analysis | <ul style="list-style-type: none"> • Dynamical Control Systems |
| <ul style="list-style-type: none"> • Machine Learning | <ul style="list-style-type: none"> • Modeling for Environmental Management | <ul style="list-style-type: none"> • Engineering Optimization |

APPLY ONLINE NOW

www.ic.kmitl.ac.th/cies

LSCM

LOGISTICS AND SUPPLY CHAIN MANAGEMENT

This program aims at producing graduates with a sound grasp of current and emerging theories and philosophies associated with logistics management, with an emphasis on relationships with other corporate functions, and with other activities of the supply chain management. Students will have an opportunity to develop significantly their knowledge in concepts and best practices of logistics and supply chain technology, which can be applied to the benefit of their own organization or future career.

OVERVIEW

- A 2-year Masters degree program for students with Management, Science, or Engineering backgrounds.
- Courses emphasizes both quantitative and management aspects of logistics and supply chain management.



ADMISSION REQUIREMENTS

- Hold a Bachelor degree in Science, Engineering, Business Administration, or a related field.
- Work experience is not required but is preferable.
- Good English language proficiency. Submit a score for one of the following English tests:
 - IELTS with an overall score of at least 6.0
 - TOEFL with an overall score of at least 79
 - Michigan Test with an overall score of at least 80
 - CU-TEP with an overall score of at least 80
 - TU-GET with an overall score of at least 600

STUDY PLANS

| | PLAN A | PLAN B |
|---------------------|-------------------|---------------------|
| Core Courses | 18 Credits | 18 Credits |
| Electives | 6 Credits | 12 Credits |
| Seminar | 1 Credit | 1 Credit |
| Research | 12 Credits | 6 Credits |
| | (Thesis) | (Independent Study) |
| Total | 37 Credits | 37 Credits |

RECOMMENDED STUDY PLANS

PLAN A

| SEMESTER | COURSES |
|------------------------------|--|
| Year 1 Semester 1 | <ul style="list-style-type: none"> • Logistics and Supply Chain Management (3) • Quantitative Methods for Logistics and Supply Chain Management Analysis (3) • Environmental Laws and Policy for Sustainable and Green Logistics Management (3) |
| Year 1 Semester 2 | <ul style="list-style-type: none"> • Inventory Management (3) • Transportation Management (3) • Information Technology in Logistics and Supply Chain Management (3) |
| Year 2 Semester 1 | <ul style="list-style-type: none"> • Elective 1 (3) • Elective 2 (3) • Thesis (6) |
| Year 2 Semester 2 | <ul style="list-style-type: none"> • Seminar (1) • Thesis (Cont.) (6) |

PLAN B

| SEMESTER | COURSES |
|------------------------------|--|
| Year 1 Semester 2 | <ul style="list-style-type: none"> • Logistics and Supply Chain Management (3) • Quantitative Methods for Logistics and Supply Chain Management Analysis (3) • Environmental Laws and Policy for Sustainable and Green Logistics Management (3) |
| Year 1 Semester 2 | <ul style="list-style-type: none"> • Inventory Management (3) • Transportation Management (3) • Information Technology in Logistics and Supply Chain Management (3) |
| Year 2 Semester 1 | <ul style="list-style-type: none"> • Elective 1 (3) • Elective 2 (3) • Elective 3 (3) • Elective 4 (3) |
| Year 2 Semester 2 | <ul style="list-style-type: none"> • Seminar (1) • Independent Study (6) |

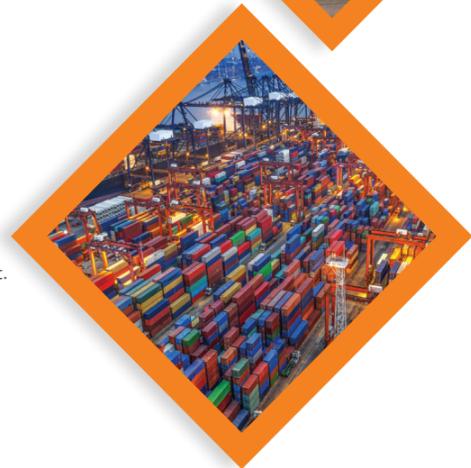
VISIT THE HOMEPAGE
www.ic.kmitl.ac.th/logistics

APPLY ONLINE NOW
www.ic.kmitl.ac.th/apply

LSCM

LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Logistics and Supply Chain Management is a program concerned with the efficient flow of materials, products, and information within and among organizations.



OVERVIEW

- 3-year Doctoral program specializing in Logistics and Supply Chain Management.
- Research-oriented program focusing on advanced research and / or current issues in Logistics and Supply Chain Management.

STUDY TRACKS

| | TRACK 1 | TRACK 2 |
|--------------------------|------------------------------------|---|
| Number of Credits | • 48 Credits | • 48 Credits |
| Study Components | • Thesis (48 Credits) • Seminar | • Thesis (36 Credits) • Core Courses (6 Credits) • Electives (6 Credits) • Seminar |

GRADUATION REQUIREMENTS

| | TRACK 1 | TRACK 2 |
|--|--------------------------|---|
| Passed Qualifying Exam Examination Within the First Two Years | ✓ | ✓ |
| Submitted a Thesis and Passed the Thesis Exam | ✓ | ✓ |
| Publications | 2 International Journals | 2 International Journals -OR- 1 International Journal and 2 International Conference Papers |
| Satisfied English Language Exit Requirement | ✓ | ✓ |

ACADEMIC SYSTEM

- International College adopts a bi-semester academic calendar. Each semester is 19 weeks long with 15 teaching weeks.

SEMESTER 1

Early August - Mid December

SEMESTER 2

Early January - Mid May

LENGTH OF STUDY

| | TRACK 1 | TRACK 2 |
|--------------------------|-----------------------------------|-----------------------------------|
| Prescribed Length | 3 Years (6 Regular Semesters) | 3 Years (6 Regular Semesters) |
| Maximum Length | 6 Years (12 Regular Semesters) | 6 Years (12 Regular Semesters) |

COURSES

(Track 2 Only)

CORE COURSES (TAKE AT LEAST 2)

| COURSE TITLE | CREDITS |
|--|---------|
| Research Methodology | 3 |
| Logistics and Supply Chain Management | 3 |
| Quantitative Methods for Logistics and Supply Chain Management Analysis | 3 |
| Inventory Management | 3 |
| Transportation Management | 3 |
| Information Technology in Logistics and Supply Chain Management | 3 |
| Environmental Laws and Policy for Sustainable and Green Logistics Management | 3 |

TUITION AND FEES

TUITION AND OTHER FEES

| | |
|----------------------------|--|
| Tuition | 150,000 Bath / Semester in the First 6 Semesters, No Tuition after Semester 6 |
| Maximum Length | 5,500 Bath / Semester |
| Qualifying Exam Fee | Free for 1st Attempt, 5,000 Bath for Each Subsequent Attempt |
| Thesis Exam Fee | Free for 1st Attempt, 10,000 Bath for Each Subsequent Attempt |

- Tuition and fees paid are non-refundable



VISIT THE HOMEPAGE
www.ic.kmitl.ac.th/phdlogistics

APPLY ONLINE NOW
www.ic.kmitl.ac.th/apply

TESTIMONIES

BY VUCHLUNG CHHORN AND SATTRA VUTHY

VUCHLUNG CHHORN

Hello, I am currently a student in the MSc. in Logistics and Supply Chain Management's program. I first received the information from one of my friends about the LSCM scholarship, which was offered by ASEA-UNINET Program cooperating with the International College of KMITL. I did an online search regarding the scholarship, filled in the application form and provided the necessary requirements. Surprisingly, few weeks later, I was awarded with the scholarship.

At first, using the Thai language in everyday life around the city seemed to be a very difficult task; however, as time passed by, I have adapted quite fast and I am pleased to be able to communicate a little bit today. Moreover, one of the things I have learnt here is to manage my time effectively, when to study and when to have fun. It's also important to study independently in order to get the most out of your degree. Additionally, as we are now a part of AEC, this is such a great opportunity to explore more about working experiences in Thailand after my graduation.



SATTRA VUTHY

Hi, my name is Sattra, I come from Cambodia and I am an international student in the program of Logistics and Supply Chain Management at KMITL's International College. A couple of years ago, I found this program in the ASIA-UNINET Scholarship's list, which is funded by the Austrian and the Thai Government. Though, I had failed to be a selected candidate, the international college awarded me with an internal scholarship regarding my passion and qualifications in the field. As my working experience had been involved with logistics and supply chain for few years, and the Logistics and supply chain profession is not yet taught by Cambodian universities turned my motivation to pursue in this direction. The MSc. Logistics and Supply Chain Management Program from the International College at KMITL really met my expectations. Undoubtedly, the quality of the curriculum combined with the help and support from the lecturers and Professors adequately create a unique and challenging environment. After being graduated from this program, I am expecting to seek for further opportunities in higher education and professional certification before going back to my hometown in Cambodia. In a near future, I would like to become a government officer and a university lecturer in order to contribute, with my knowledge and experience, to better changes in my home country.

FIND OUT MORE
www.ic.kmitl.ac.th



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International College

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