



Royal Scholarship 2020

International Engineering Programs

Suranaree University of Technology

Join us and be part of our success.

UNDERGRADUATE PROGRAMS

- Petrochemical and Polymer Engineering
- Material Innovation and Design Engineering
- Civil Engineering
- Mechanical Engineering

QUALIFICATIONS OF APPLICANTS

- Student must have completed their study in science and math program in grade 12 or equivalent.
- Outstanding academic performance.
- Good command in English.

SCHOLARSHIP BENEFITS

- 20 scholarships available.
- Exemption of tuition fees, university fees, activities fees.
- Accommodation expenses of no more than 6,500 THB per trimester.
- Health and accident insurance fee of no more than 8,000 THB per academic year.
- Living expenses of 4,000 THB per month..

***Royal Scholarships are offered to students from ASEAN region, excluding Thailand (Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, the Philippines, Singapore, Vietnam)**

HOW TO APPLY

APPLY ONLINE

<https://shorturl.at/JLNY8>

or scan



Application period : NOW - Friday May 22, 2020 (23.59h BKK time)

What you need to submit:

- ✓ You will need a Google email account (@gmail.com) to sign in and upload required documents.
- ✓ High school transcript or an equivalent certificate.
- ✓ University transcript (if any).
- ✓ Any standard English scores (if any), such as, TOEFL, IELTS, TOEIC, SAT, etc.

Special consideration for students with scores that satisfy any of the following conditions:

- SAT not less than 400
- TOEFL not less than 61 (Internet-based)
- IELTS not less than 5.0 and each skill not lower than 4.0
- TOEIC not less than 550

- ✓ A statement of purpose (500-600words) on why you want to join the International Engineering Programs. A video (1-2mins) introducing yourself.

Announcement of candidates selected for online interview via SUT International Engineering Programs Facebook on Mon May 25, 2020 Details, will be announced later by email.

Announcement of successful candidates will be made on SUT International Engineering Programs Facebook on Fri June 5, 2020.



If you have more questions, please feel free to contact us.

Office of Global Engagement, Institute of Engineering, Suranaree University of Technology



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SUT International Engineering Programs



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Civil Engineering



“Leader in Innovation and Research for Industry and Institute for Developing Life-long Learning Graduates”




Subject Area :

- Structural Engineering
- Geotechnical Engineering
- Water Resource Engineering
- Transportation Engineering
- Construction Engineering and Management

Job Opportunity :

- Design Engineer
- Construction Engineer
- Inspector Engineer
- Contractor
- Civil Engineering Researcher

Curricular Path :

PATH A:	PATH B:	
		
4 year course in SUT	2 year course in SUT + 2 year course in Swinburne	
DEGREE : B.Eng. (Civil Engineering) Suranaree University of Technology, Thailand	DEGREE : B.Eng. (Civil Engineering) Suranaree University of Technology, Thailand	DEGREE : B.Eng. (Civil Engineering) Swinburne University of Technology, Australia
ENGINEERING LICENCE : Thai ✓	ENGINEERING Thai ✓	ENGINEERING Australian ✓

Graduate Identities

- Think out of the box engineer
- Engineer with innovation minded and new material design
- Engineer can innovate material for new entrepreneurship
- Engineer with well understanding in conventional materials processing and selection for product design
- Engineer with morally and ethically respect in his/her self

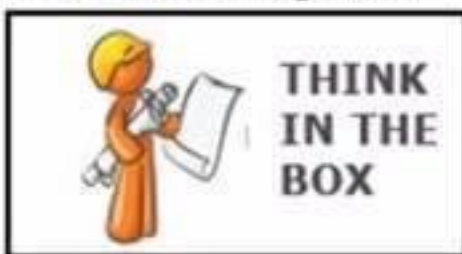


Subject Area

- ◆ Basic science mathematic and general education (Regulated by High Education Commission)
- ◆ Basic engineering and management engineering
- ◆ Specialized in material processing and engineering, and innovation and design process
- ◆ Innovation management and Entrepreneurships

Infographic demonstration between conventional engineers and innovated mind engineers

Conventional Engineers



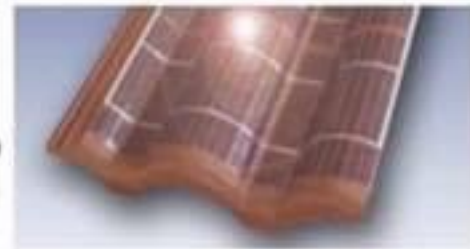
Solar Cell



Innovation Minded Engineers



Solar Cell Roof Tile



AN EXAMPLE

With Innovation and Design



Mechanical Engineering

Mechanical engineering can be considered as one of the most important areas among all engineering expertise. As there is such a great demand of qualified mechanical engineers to support the industrial sector, the program would equip the students with all necessary knowledge, the theoretical and technical skills, and experiences in order to ensure that all graduates would be sufficiently prepared before entering to professional engineering practice and successfully pursuing their career goals.



The curriculum of the program

The bachelor of mechanical engineering program offered at Suranaree University of Technology is a 4-year, (12-trimester) program. The curricular coursework and subjects were structured by qualified committees selected mutually from educational and industrial sectors. During each year of study, the students would undertake the coursework based on the following structure :



- ◆ 1st Year : Fundamental mathematics and science courses as well as general education subjects
- ◆ 2nd Year : Basic engineering courses
- ◆ 3rd Year : Specialized courses in mechanical engineering
- ◆ 4th Year : Laboratory courses on mechanical engineering practice, mechanical engineering project, and an enrollment in a cooperative education program in order to attain practical vocational experience in real business and industrial settings.

Perspective Students

Perspective students should be ones who have particular interest in design, operations, and control of manufacturing and/or industrial process. In addition, it is highly suggested that the students should possess solid academic backgrounds in mathematics and physics since almost all major fields in mechanical engineering rely greatly on mathematical computation and analysis. Besides, the students are expected to demonstrate great English skills in terms of communication as well as in the context of academic circumstances.



Petrochemical and Polymer Engineering

“ Preparing skillful engineers to fill the need
for petrochemical and polymer industry ”



Graduate Identities

- ✓ Direct application
- ✓ Fully taught in English
- ✓ International mobility
- ✓ Multidisciplinary program
- ✓ Highly demands in job markets

JOB OPPORTUNITY

- ◆ Petrochemical Engineers
- ◆ Polymer Engineers
- ◆ Quality Assurance Officers
- ◆ Sale Engineers

