Chulalongkorn University Announcement

Regarding Applications for Students in the Bachelor of Engineering (International Program),

Faculty of Engineering for Academic Year 2024 (International Admission)

Chulalongkorn University is now accepting applications for students in the Bachelor of Engineering (International Program), Faculty of Engineering for Academic Year 2024 (International Admission). The application consists of 2 options. <u>Applicants must choose only one option either Option 1 Test Score or Option 2 Portfolio</u>. Application requirements and process are as follows:

1. **Application Requirements**

   Applicants do not hold Thai citizenship and have completed high school or passed an equivalent high school standard test or be currently in their final year of high school (Grade 12 in the US system or Year 13 in the British system).
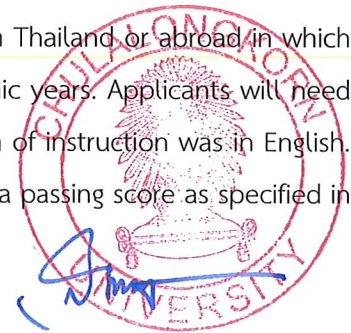
1.1 Requirements for Option 1 Test Score

   Applicants must submit the scores of the following proficiency test in items 1.1.1 – 1.1.3.

1.1.1 Applicants must achieve the minimum score in one of the following English Proficiency tests:

- TOEFL (Internet-based)	not lower than 80	or
- IELTS or IELTS Indicator	not lower than 6.0	or
- CU-TEP (Chulalongkorn University Test of English Proficiency)	not lower than 80	or
- Duolingo English Test	not lower than 105	or
- Gaokao English	not lower than 100	

   Applicants who graduated from accredited international school in Thailand or abroad in which English is a primary language of instructions for at least 2 academic years. Applicants will need to provide an official certificate from the school that the medium of instruction was in English. The certificate of the medium of instruction will be equivalent to a passing score as specified in items 1.1.1.

1.1.2 Applicants must achieve the minimum score in one of the following Mathematics Proficiency tests:

- CU-AAT (Math Section)	not lower than	480	or
- SAT (Math)	not lower than	620	or
- Advanced Level (Mathematics-9709 or 9231)	not lower than	B	or
- Advanced Level (Mathematics-9709 or 9231) Predicted Grade	not lower than	A	or
- IB Mathematics (Mathematics: Applications and Interpretations HL)	not lower than	6	or
- IB Mathematics (Mathematics: Applications and Interpretations HL) Predicted Grade	not lower than	6	or
- ACT (American College Testing, Math Section)	not lower than	26	or
- AP Calculus (AB or BC)	not lower than	4	or
- Gaokao Math	not lower than	90	

1.1.3 Applicants must achieve the minimum score in one of the following Science Proficiency tests:

- CU-ATS (Physics)	not lower than	400	or
- Advanced Level (Physics-9702)	not lower than	B	or
- Advanced Level (Physics-9702) Predicted Grade	not lower than	A	or
- IB (Physics HL)	not lower than	6	or
- IB (Physics HL) Predicted Grade	not lower than	6	or
- ACT (Science Section)	not lower than	25	or
- AP Physics (1 or C)	not lower than	4	or
- Gaokao Physics	not lower than	60	

- The official score reports of the tests in 1.1.1, 1.1.2, and 1.1.3 must be valid only when the tests were taken within two years before the application deadline.
- Applicants must provide the most recent Advanced Level score or IB score only to meet requirements. If the applicants have already received an official result of Advanced Level score or IB score, the applicants are not allowed to submit the predicted grade.
- For predicted grade submission, upon receiving the official statement of results, applicants must submit the official Advance Level or IB exam certificate to The International School of Engineering, Faculty of Engineering, Chulalongkorn University comply with the application deadlines.

1.2 Requirements for Option 2 Portfolio

1.2.1 Applicants must submit the most recent high school or equivalent level transcript showing the applicant's Accumulated Grade Point Average (GPAX) not less than 3.25 out of 4.00 scales during at least 5 recent semesters.

1.2.2 Applicants must achieve the minimum score in one of the following English Proficiency tests:

- TOEFL (Internet-based)	not lower than	80	or
- IELTS or IELTS Indicator	not lower than	6.0	or
- CU-TEP (Chulalongkorn University Test of English Proficiency)	not lower than	80	or
- Duolingo English Test	not lower than	105	or
- Gaokao English	not lower than	100	

Applicants who graduated from International Accredited Schools in Thailand or studied abroad in which English is a primary language of instructions for at least 2 academic years. Applicants will need to provide official confirmation from the institution where they completed their degree that the medium of instruction was in English. The certificate of the English curriculum will be equivalent to passing score as specified in items 1.2.2.
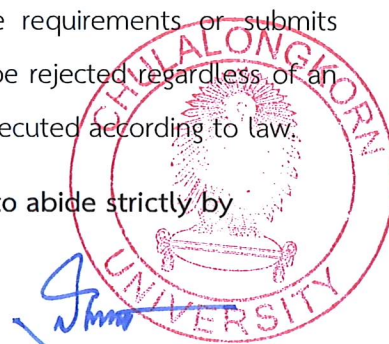
1.2.3 Applicants must submit Portfolio which demonstrate the applicant's knowledges and competencies based on the following criteria and weight distribution.

Mathematics and Science Proficiency	30%
Problem Solving Proficiency	20%
Motivation for Applying to the Faculty of Engineering	20%
Self-Learning and Lifelong Learning	20%
Creativity, Initiatives, and Teamwork	10%

Remarks:

- Portfolio Evaluation Criteria can be found in the **Appendix 1.**

- Applicant must choose only one option either Option 1 Test Score or Option 2 Portfolio. The application shall be withdrawn if applicant submits both options. Furthermore, if there is evidence shown later that the application does not meet the requirements or submits fraudulent information and fake documents, the application will be rejected regardless of an offer of admission being sent. Moreover, the applicant may be prosecuted according to law.

1.3 All applicants must have a record of good behavior and agree to abide strictly by existing and future university regulations, codes, and policies.

2. Number of Available Seats

The Bachelor of Engineering (International Program) is authorized to admit up to **28 qualified** applicants which consist of 20 qualified applicants for Test Score Option and 8 qualified applicants for Portfolio Option. The number of available seats to 5 international programs is specified as follows.

International Program	Option 1 Test Score	Option 2 Portfolio	Total
2.1 Nano Engineering	4	1	5
2.2 Aerospace Engineering	3	1	4
2.3 Information and Communication Engineering	5	3	8
2.4 Automotive Design and Manufacturing Engineering	4	1	5
2.5 Robotics and Artificial Intelligence Engineering	4	2	6
Total	20	8	28

In case the number of qualified applicants in the first round of International Admission is less than the announced accepting number of applicants, the remaining seats will be added to the second round of International Admission of Academic Year 2024 at the discretion of the Faculty of Engineering.

3. Application Schedule and Application Fee

3.1 Application Schedule

Apply online at http://www.ise.eng.chula.ac.th There are two rounds of application as follows;

First round application: December 25, 2023–February 5, 2024

Second round application: March 20–May 10, 2024
(The second round of application will take place on the condition that the announced number of admitted applicants is not met in the first round.)

3.2 Application Fee Payment

3.2.1 Payment Period

For the first round application, the application fee should be paid between December 25, 2023–February 5, 2024. For the second round application (if any), the application fee should be paid between March 20–May 10, 2024.

3.2.2 Application Fee

Applicants are required to pay the application fee 1,000 Baht through the payment gateway (Credit Card / Debit Card) or QR code payment using a mobile banking application of a Thai bank. The applicants proceed the payment and upload the payment evidence to complete the application. It should be noted that there is no refund for the cancellation of application.

Applicants must complete the online application, upload all required documents and pay the application fee; otherwise the application will not be processed for admission.

4. Application Package

Applicants must complete the application form and ensure that all information given is accurate. The application form must be accompanied by the following:

4.1. Option 1: Test Score

- 1-inch photograph
- Academic transcript(s)
- Official results for all the required tests detailed in **item 1.1**
- A certificate of student status from the current institution (for applicants who are still currently studying in school)
- A copy of the applicant's passport
- A proof of application fee payment

4.2 Option 2: Portfolio

- 1-inch photograph
- Academic transcript(s)
- English Proficiency Test detailed in **item 1.2.2**
- Portfolio detailed in **item 1.2.3**
- A certificate of student status from the current institution (for applicants who are still currently studying in school)
- A copy of the applicant's passport.
- A proof of application fee payment

5. Application Process Details

The Faculty of Engineering (International Program) will evaluate the applicants who are eligible for program selection based on the criteria in item 1.1 and 1.2 and submitted documents listed in item 4.1 and 4.2

5.1 First Round Application

5.1.1 Announcing Applicants Qualified for Interview

The list of successful candidates who are eligible for interview will be announced on February 12, 2024, at http://www.ise.eng.chula.ac.th

5.1.2 Interview (online)

Online interviews for the eligible applicants will be held during February 16–20, 2024. via Microsoft Team. Applicants who fail to appear on the specified interview date and time, their application shall be rejected.

5.1.3 Evaluation Criteria for Applicants to Be Eligible for Program Selection

5.1.3.1 Selection Criteria for Option 1 Test Score

The Faculty of Engineering (International Program) will evaluate the applicants who are eligible for program selection based on the criteria in item 1.1 and submitted documents listed in **item 4.** Applicants must complete the interview conducted in English arranged by the International School of Engineering, Faculty of Engineering and they must pass the interview with the interview score ≥ 50%.

The weight assigned to each requirement is as follows:

5.1.3.1.1 Accumulated GPA (GPAX)	7.5 %
5.1.3.1.2 English Proficiency Test Scores	20 %
5.1.3.1.3 Mathematics Proficiency Test Scores	32.5 %
5.1.3.1.4 Science Proficiency Test Scores	40 %
Total	100 %
5.1.3.1.5 Interview	Pass/Fail

5.1.3.2 Selection Criteria for Option 2 Portfolio

The Faculty of Engineering (International Program) will evaluate the applicants who are eligible for program selection based on the criteria in item 1.2 and submitted documents listed in **item 4**

The weight assigned to each requirement is as follows:

5.1.3.2.1 Accumulated GPA (GPAX)		30 %
5.1.3.2.2 English Proficiency Test Scores		20 %
5.1.3.2.3 Portfolio		35 %
5.1.3.2.4 Interview		15 %
	Total	100 %

To be eligible for the interview, applications must have the total score of high-school accumulated grade point average (GPAX), English proficiency test score, and portfolio score (items 5.1.3.2.1-5.1.3.2.3) not less than 70%.

Applicants must complete the interview conducted in English arranged by the International School of Engineering, Faculty of Engineering and they must pass the interview with the interview score ≥ 50%.

5.1.4 Announcement of Successful Candidates

The list of successful candidates who are eligible for program selection will be announced on February 26, 2024 at (http://www.ise.eng.chula.ac.th)
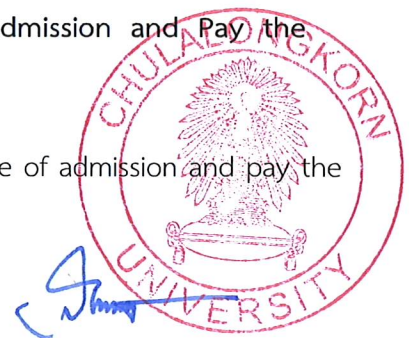
5.1.5 Enrollment Confirmation and Admission Fee Payment

Successful candidates who are eligible for program selection must select the study program and pay the confirmation fee from March 1-7, 2023. via http://www.ise.eng.chula.ac.th. The applicants who do not select the program on the specified date will be considered as waiving their rights for admission.

5.1.6 Announcement of Additional Qualified Applicants (if any)

The faculty of Engineering will announce additional qualified applicants who are eligible for program selection on the ISE website (http://www.ise.eng.chula.ac.th/) Additional qualified applicants must complete the program selection and report to accept offer of admission and pay the admission confirmation fee between March 8–12, 2024. If applicants fail to do so by the appointed time, they will be considered as waiving their rights for admission.

5.1.7 Announcement of Applicants to Confirm Acceptance of Admission and Pay the Admission Confirmation Fee

The Faculty of Engineering will notify applicants who confirm acceptance of admission and pay the admission confirmation fee by email between March 4–14, 2024.

Successful applicants who confirm acceptance of admission and pay for the admission confirmation fee will not be eligible for the second-round application. The ISE program reserves the right not to refund the application fee to applicants.

5.2 Second Round Application (If Any)

The second round of application will take place on the condition that the announced number of admitted applicants is not met in the first round.

5.2.1 Announcing Applicants Qualified for Interview

The faculty of Engineering will announce applicants qualified for interview on May 17, 2024 on the website (http://www.ise.eng.chula.ac.th/)

5.2.2 Interview (Online)

Online interviews for the eligible applicants will be held during May 21–24, 2024 via Microsoft Team. Applicants who fail to appear on the specified interview date and time, their application shall be rejected.
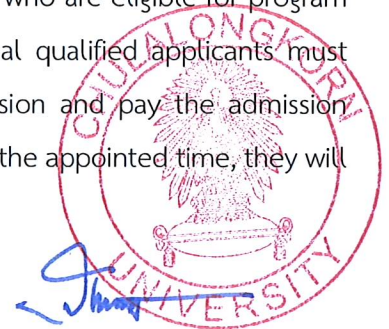
5.2.3 Announcement of Successful Candidates

The list of successful candidates who are eligible for program selection will be announced on May 30, 2023 on the ISE website (http://www.ise.eng.chula.ac.th/).

5.2.4 Enrollment Confirmation and Admission Fee Payment

Successful candidates who are eligible for program selection must select the study program and pay the confirmation fee from June 4-10, 2024 via http://www.ise.eng.chula.ac.th. The applicants who do not select the program on the specified date will be considered as waiving their rights for admission.

5.2.5. Announcement of Additional Qualified Applicants (if any)

The faculty of Engineering will announce additional qualified applicants who are eligible for program selection on the ISE website (http://www.ise.eng.chula.ac.th/) Additional qualified applicants must complete the program selection and report to accept offer of admission and pay the admission confirmation fee between June 11-12, 2024. If applicants fail to do so by the appointed time, they will be considered as waiving their rights for admission

5.2.6 Announcement of Applicants who Confirm Acceptance of Admission and Pay for the Admission Confirmation Fee

The faculty of Engineering will notify applicants who confirm acceptance of admission and pay the admission confirmation fee by email between June 11-14, 2024.

6. Announcement of Applicants with the Right to Study (from the first and second round applications)

Chulalongkorn University will announce applicants with the right to study the Bachelor of Engineering (International Program) for academic year 2023 (international admission) on June 20, 2024 at ISE website (http://www.ise.eng.chula.ac.th/).

7. Conditions of Study

7.1 An individual must have completed grade 12 or equivalent to be qualified to register as a student of Chulalongkorn University. Should it emerge that applicants with right to study have found to have provided false information in the application or false evidence in support of the application, their right to study will be rescinded. The ISE program reserves the right not to refund the application fee and the admission confirmation fee to applicants. The applicant may also face criminal charges.
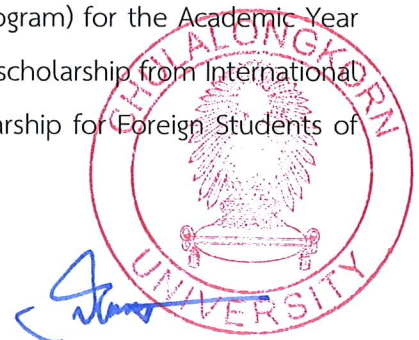
7.2 Individuals who have completed their education at an international school or a foreign school that was not certified by the Ministry of Education must have their qualification certified by the Council of University Presidents of Thailand as being equal to a qualification according to the Ministry of Education's Basic Education Core Curriculum.

7.3 For successful applicants for Nano Engineering, Aerospace Engineering and Automotive Design and Manufacturing Engineering Programs who did not take chemistry at the high school level (as indicated in the official transcript), admission offer is on condition that they must complete a pre-sessional Chemistry course in the summer semester (June-July, 2024).

8. Scholarship

Admitted applicants to the Bachelor of Engineering (International Program) for the Academic Year 2024 (International Admission) will be eligible to be considered for a scholarship from International School of Engineering according to the Announcement of ISE Scholarship for Foreign Students of International Admission 2024.

9. University Fees and Extra Surcharges

University fees and surcharges will be charged according to announcements by Chulalongkorn University.

Announced on October 18, 2023

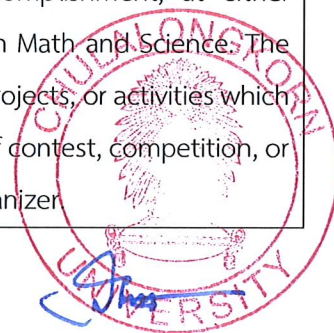(Professor Bundhit Eua-arporn, Ph.D)

President

Appendix 1

Instruction for Required Documents of the Option 2 Portfolio as Part of Application

to the Bachelor of Engineering (International Program), Faculty of Engineering

for Academic Year 2024 (International Admission)
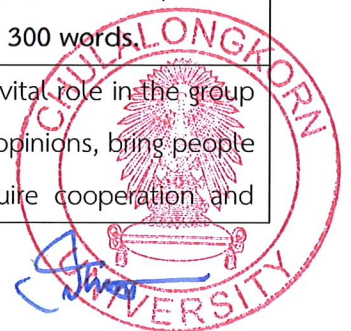
1. Preparing Documents of the Option 2 Portfolio

1.1   Applicants of the Option 2 Portfolio must fill out the details of their portfolio via ISE online application system at http://www.ise.eng.chula.ac.th from **December 25, 2023–February 5, 2024 for the first round of International Admission and from March 20–May 10, 2024 for the second round of International Admission.**

1.2   The portfolio must represent the applicant's work during the high school study.

1.3   Applicants must prepare the required documents of portfolio described in section 2 and completely upload to the ISE online application system. Applicants must sign "certified true copy" for all documents.

2. Required Documents of Portfolio

Portfolio Criteria	Required Documents
2.1 Mathematics and Science Proficiency	- Provide the most recent high school or equivalent level transcript showing the applicant's Accumulated **Grade Point Average (GPAX) not less than 3.25** out of 4.00 scales during at least 5 recent semesters and showing **GPAX of Physics and Mathematics courses not less than 3.25.** High school graduates or equivalent must submit GPAX total of 6 semesters. - Applicants show evidence of all academic competition, contests, or other activities during their high school study. The proof includes the certificates of outstanding awards, the certificates of accomplishment, at either school, regional, national or international level in Math and Science. The proof clearly contains details such as programs, projects, or activities which reflect applicant's achievement. The certificate of contest, competition, or other activities should be issued by the host organizer

2.2 Problem Solving Proficiency	- Provide proof of academic research in the engineering field or research design which refers to the overall strategy that applicants choose to integrate to self-development of the study in the form of poster or infographic or presentation slide by selecting the best work no more than 3 projects. Applicant's published journals and research articles are also acceptable. - Write a summary of the project performance of the mentioned projects, clearly identify a core factor that causes an issue, and address a hypothesis and methods to solve the problem. If applicants received a project achievement award, it must be an award received from a reliable organization (other than the school where the applicant has studied). The summary should not be **more than 300 words**
2.3 Motivation for Applying to the Faculty of Engineering	- Provide a VDO Clip showing the applicant's self-expression determine the purpose of applying to the Faculty of Engineering (International Program), Chulalongkorn University by specifying the reason of being an engineer, a clear goal to study in an engineering field, what applicants want to achieve and career paths after graduation. **The length of VDO must not be over 3 minutes.**
2.4 Self-Learning and Lifelong Learning	- Provide proof of certificate of participation certificate of attendance, certificate of presentation of the academic activities, trainings, seminars, conferences, online learning courses showing applicant's self-learning and having continuous self-development. - Write a summary on the participation in the activities of attending program / training / seminars / online course learning and describe the applicant's personal strengths and weaknesses as well as self-awareness and personal development. Performing a self-analysis on the applicant's areas for improvement and necessary skills to advance a career paths in the future. The summary should not be **more than 300 words.**
2.5 Creativity, Initiatives, and Teamwork	- Provide proof of leadership that show applicants 'vital role in the group activity, encourage people to voice their ideas and opinions, bring people together to solve challenging problems that require cooperation and

	communication skills, take independent action and work well with others such as organizing academic activity, volunteer activity, corporate social responsibility (CSR) activity. Proof of the volunteering activities include certificates of volunteer activities issued by the host organizer of events. - Write a summary that describes applicant's roles and responsibilities within the group and the achievement of working as a group by showing reliable evidence of the participation in group activities which has been approved by the applicant's institution, project leader, public or private organization, and specified activity date. The summary should not be **more than 300 words.**

3. Weighting for Portfolio Evaluation

The International School of Engineering, Faculty of Engineering will evaluate the applicants for Option 2 Portfolio based on the portfolio criteria and the required documents listed section 2. The weighting assigned to the portfolio evaluation is as follows:

3.1 Mathematics and Science Proficiency   30%

3.2 Problem solving Proficiency   20%

3.3 Motivation for applying to the Faculty of Engineering   20%

3.4 Self-learning and lifelong learning   20%

3.5 Creativity, Initiatives, and Teamwork   10%