



## Admission Criteria For Submission of National Test Scores or Standardized Test Scores, Academic Year 2023

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# Sirindhorn International Institute of Technology

## Admission Criteria (Minimum Requirement)

### For Submission of National Test Scores or Standardized Test Scores, Academic Year 2023

Submit one of the following scores:

Type of Scores	Subjects	*Engineering (5 programs)	**Engineering (CPE/DE)	***Management
<b>A-Level</b> (Obtained in 2022)	61-Math 1	32	32	32
	82-English	32	32	32
	64-Physics	33	-	-
<b>TGAT/TPAT (Option 1)</b>	91-TGAT 1	Scores can be submitted, and final decision will be made by the SIIT Executive Committee.	Scores can be submitted, and final decision will be made by the SIIT Executive Committee.	
	92-TGAT2			
	30-TPAT 3		-	-
<b>TGAT/TPAT (Option 2)</b>	91-TGAT 1	Scores can be submitted, and final decision will be made by the SIIT Executive Committee.		
	30-TPAT 3			
<b>TGAT/A-Level</b> (Obtained in 2022)	91-TGAT 1	32	32	32
	61-Math 1	32	32	32
	64-Physics	33	-	-
<b>GSAT</b>	Mathematics	620		
	Reading, Writing, and Language	400		
<b>New SAT I</b>	Mathematics	620		
	Evidence-Based Reading and Writing	400		
<b>SAT II</b>	Mathematics (Level 2)	600		
	Physics	600	550 (or Chemistry or Biology or English)	550 (or Chemistry or Biology or English)

Type of Scores	Subjects	*Engineering (5 programs)	**Engineering (CPE/DE)	***Management
CU Tests	CU-AAT (Math)	480		455
	CU-ATS (Option 1)	800		760
	CU-ATS (Option 2)	400 (Physics)	380 (Physics or Chemistry)	380 (Physics or Chemistry)
ACT	Mathematics	Composite Score 21.5 from 36 (Math $\geq$ 20 and Science $\geq$ 20)		
	Science			
	English			
	Reading			
Sixth Form (5 Subjects)	Mathematics	$\leq 4$		
	Physics	$\leq 4$	$\leq 4$ (or Chemistry or Biology or Related Subjects)	$\leq 4$ (or Chemistry or Biology or Related Subjects)
	Any 3 other subjects	$\leq 5$		
NCEA Level 2-3 (5 Subjects)	Mathematics	2.5		
	Physics or Science	2.5	2.5 (or related subjects)	2.5 (or related subjects)
	Any 3 other subjects	2.0		
	<b><u>How to calculate NCEA to GPA (min. 7 credits/subject).</u></b> - Grade E (Excellence) = 4 - Grade M (Merit) = 3 - Grade A (Achieved) = 2 - Grade N (Not Achieved) = 0 -Multiply the value of each grade by the number of credits the course was worth. -Divide the total value of all the grades you have received by the total number of credits you have completed.			
GED	Mathematical Reasoning	Eligible for high school equivalents **** (Please see remark # 4)	Eligible for high school equivalents **** (Please see remark # 4)	$\geq 165$
	Reasoning Through Language Arts (or other equivalents)			$\geq 165$
	Science			$\geq 165$
	Social Studies			$\geq 165$
IB	Please see attached.			
'A' level (3 Subjects)	Please see attached.			
BHSEC (Bhutan)	Please see attached.			
Cambodia National Test Scores	Please see attached.			

Type of Scores	Subjects	*Engineering (5 programs)	**Engineering (CPE/DE)	***Management
Maldives A-level	Please see attached.			
Nepal National Test Scores	Please see attached.			
PRC National Higher Education Entrance Examination	Please see attached.			
Sri Lanka A-level	Please see attached.			
Vietnam National Test Scores	Please see attached.			
Special Admission Program for International Students - Undergraduate (SPI-U)	Please see attached.			

**Remarks:**

1. Applicants can submit the unofficial or predicted grades or mock examination scores which meet SIIT minimum requirements and submit the official score within the registration date.
2. For Common 9 Subject Scores, GAT / PAT, New SAT I, SAT II and ACT, the scores are valid only if dated within two academic years.
3. Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent. The equivalency criteria are in accordance with “The Announcement of Thammasat University: The High School Equivalency Criteria” (ประกาศมหาวิทยาลัยธรรมศาสตร์ เรื่อง แนวทางการเทียบวุฒิการศึกษาเท่ากับชั้นมัธยมศึกษาตอนปลายของมหาวิทยาลัยธรรมศาสตร์ พ.ศ. 2564).
4. \*\*\*\*For GED results in 4 subjects, scoring at least 145 in each subject is equivalent to a high school diploma for all Engineering Programs. For admission, students must submit other standardized test scores (e.g. NEW SAT I, SAT II) or take SIIT entrance examination.
5. SIIT reserves the right to change or modify these criteria without prior notice.

There are 8 undergraduate programs as follows:

**\*Engineering (5 programs):**

1. Civil Engineering (CE)
2. Chemical Engineering (ChE)
3. Mechanical Engineering (ME)
4. Industrial Engineering and Smart Logistics (IE)
5. Electrical Engineering (EE)

**\*\*Engineering (CPE/DE)**

6. Computer Engineering (CPE)
7. Digital Engineering (DE)

**\*\*\*Management**

8. Business and Supply Chain Analytics (BA)



## Criteria Guidelines for Submission of General Educational Development (GED),

**Management Program:**  
Business and Supply Chain Analytics

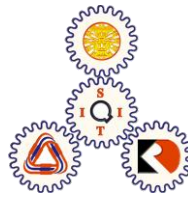
Test Scores Obtained	No.	Subjects	Equivalency of High School Qualifications	Admission Criteria
<b>1 May 2017 – Present</b> (1 พฤษภาคม 2560 – ปัจจุบัน)	1	Mathematical Reasoning (200)	$\geq 145$	$\geq 165$
	2	Reasoning Through Language Arts (200)	$\geq 145$	$\geq 165$
	3	Science (200)	$\geq 145$	$\geq 165$
	4	Social Studies (200)	$\geq 145$	$\geq 165$
<b>Before 1 May 2017</b> (ก่อนวันที่ 1 พฤษภาคม 2560)	1	Mathematics (800)	$\geq 410$	$\geq 660$
	2	Social Studies (800)	$\geq 410$	$\geq 660$
	3	Science (800)	$\geq 410$	$\geq 660$
	4	Reading (800)	$\geq 410$	$\geq 660$
	5	Writing (800)	$\geq 410$	$\geq 660$
		<i>Remark: Total Scores <math>\geq 2,250</math></i>		

**All Engineering Programs:**

Civil Engineering (CE)  
 Chemical Engineering (ChE)  
 Mechanical Engineering (ME)  
 Industrial Engineering and Smart Logistics (IE)  
 Electrical Engineering (EE)  
 Computer Engineering (CPE)  
 Digital Engineering (DE)

Test Scores Obtained	No.	Subjects	Equivalency of High School Qualifications	Admission Criteria
<b>1 May 2017 – Present</b> (1 พฤษภาคม 2560 – ปัจจุบัน)	1	Mathematical Reasoning (200)	≥ 145	*Not Applicable
	2	Reasoning Through Language Arts (200)	≥ 145	
	3	Science (200)	≥ 145	
	4	Social Studies (200)	≥ 145	
<b>Before 1 May 2017</b> (ก่อนวันที่ 1 พฤษภาคม 2560)	1	Mathematics (800)	≥ 410	*Not Applicable
	2	Social Studies (800)	≥ 410	
	3	Science (800)	≥ 410	
	4	Reading (800)	≥ 410	
	5	Writing (800)	≥ 410	
		<i>Remark: Total Scores ≥ 2,250</i>		

\*For admission, students must submit other standardized test scores (e.g. NEW SAT I, SAT II) or take SIIT entrance examination.

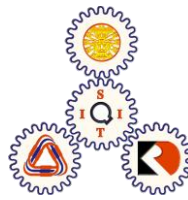


## Criteria Guidelines for Submission of General Scholastic Aptitude Test (GSAT)

### Admission Criteria

Type of Score	Admission Criteria  Full Scores = 800/ part  Total Full scores = 1,600
GSAT	1. Math $\geq$ 620  2. Reading, Writing, and Language $\geq$ 400

**Remark:** Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.



## Criteria Guidelines for Submission of Scholastic Assessment Test (SAT)

Type of Score	Admission Criteria
	Full Scores = 800/ part Total Full scores = 1,600
<b>SAT (SATI) (New SAT)</b>	1. Math $\geq$ 620  2. Evidence-Based Reading and Writing $\geq$ 400
<b>SAT Subject Test (SATII)</b>	1. Math (Level 2) $\geq$ 600  2. วิชาทางวิทยาศาสตร์ หรือ ภาษาอังกฤษ  2.1 Engineering: Physics $\geq$ 600  2.2 Engineering (CPE/DE) and Management:  Physics or Chemistry or Biology or English Literature $\geq$ 550

**Remarks:**

1. *Can combine SATI and SATII (for admission only).*
2. *SAT I: Can take the highest section scores from all the exam dates.*
3. *Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.*

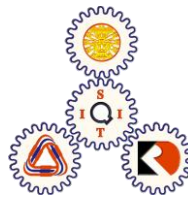




## Criteria Guidelines for Submission of American College Testing (ACT)

Type of Score	Admission Criteria Full scores = 36 points/ subjects
ACT	Composite score $\geq 21.5$ 1. Math $\geq 20$ 2. Science $\geq 20$ 3. English 4. Reading

**Remark:** Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.



## Criteria Guidelines for Submission of International Baccalaureate (IB)

Type of Scores	Subjects	Engineering (5 programs)	Engineering (CPE/DE)	Management
<b>IB</b> (2 subjects) Admission	Mathematics (higher level)	$\geq 5$		Mathematical studies SL $\geq 5$ Mathematics SL $\geq 5$ Mathematics HL $\geq 4$ Further mathematics HL $\geq 4$
	Physics (higher level)	$\geq 5$	related subjects (ref. 1) SL $\geq 5$ HL $\geq 4$	$\geq 5$ Any subject

**Remark:** Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.

### **Ref. 1 Engineering CPE/DE (for Subject 2)**

Physics SL/HL

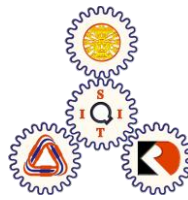
Chemistry SL/HL

Business and management SL/HL

\* SL: standard level HL: higher level

### **Accreditation of courses:**

- |                             |          |   |                                  |
|-----------------------------|----------|---|----------------------------------|
| a) Math (higher level)      | $\geq 5$ | → | MAS116 (Mathematics I)           |
| b) Physics (higher level)   | $\geq 5$ | → | SCS138 (Applied Physics I)       |
| c) Chemistry (higher level) | $\geq 5$ | → | SCS126 (Chemistry for Engineers) |



## Criteria Guidelines for Submission of General Certificate of Education (Advanced Level): GCE A-Level

Admission Criteria		
Engineering (5 Programs)	CPE/DE	Management
1.Math $\geq$ C 2.Related subject ( <i>ref. 1</i> ) $\geq$ C 3.Subject 3 $\geq$ C	1.Math $\geq$ C 2.Related subject ( <i>ref. 1 or 2</i> ) $\geq$ C 3.Subject 3 $\geq$ C	1.Math $\geq$ C 2.Related subject ( <i>ref. 1 or 2</i> ) $\geq$ C 3.Subject 3 $\geq$ C

### Remarks:

1. Accreditation of courses (A-Level):

A-Level Subjects	Accreditation of Courses		
	Engineering (5 programs)	CPE/DE	Management
Mathematics or Mechanics or Statistics $\geq$ B	MAS116 Mathematics I	GTS116 Mathematics for Technologist I	GTS212 Calculus for Technologist I
Physics $\geq$ B	SCS138 Applied Physics I and SCS183 Physics Laboratory I	GTS121 General Science I	GTS121 General Science I
Chemistry $\geq$ B	SCS126 Chemistry for Engineers and SCS176 Chemistry Laboratory	GTS122 General Science II	GTS122 General Science II
Computer Sciences $\geq$ B	ITS100 Introduction to Computers and Programming	ITS100 Introduction to Computers and Programming	ITS100 Introduction to Computers and Programming
Accounting $\geq$ B			MTS315 Fundamentals of Financial and Managerial
Economics $\geq$ B			MTS258 Economics for Technologists

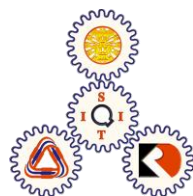
2. Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent

**Ref. 1 (A-Level: Engineering)**

- Chemistry
- Computer Science
- Geography
- Physical Science
- Physics

**Ref. 2 (A-Level: CPE/DE/MNG)**

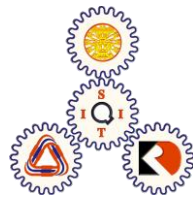
- Accounting
- Business
- Computer Science
- Design and Technology
- Digital Media and Design
- Economics
- Information Technology



## Criteria Guidelines for Submission of Australian Tertiary Admission Rank (ATAR)

Admission Criteria				
Subjects (Grade 12 or Stage 2)	Engineering (5 programs)	CPE/DE	Management	ATAR
Mathematics	≥ B- or equivalent	≥ B- or equivalent	≥ B- or equivalent	65
English	≥ B- or equivalent	≥ B- or equivalent	≥ B- or equivalent	
Physics or Science	≥ B- or equivalent	-	-	

*Remark: Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.*



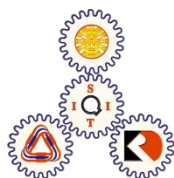
## Criteria Guidelines for Submission of Bhutan Higher Secondary Education Certificate (BHSEC-Class XII),

Admission Criteria			
Subjects	Engineering	CPE/DE	Management
Mathematics	$\geq 61\%$	$\geq 61\%$	$\geq 61\%$
English	$\geq 51\%$	$\geq 51\%$	$\geq 51\%$
Physics	$\geq 61\%$	-	-

### Conversion Table

Grade	Percentage
1	91-100
2	81-90
3	71-80
4	61-70
5	51-60
6	41-50
7	30-40
8	20-30
9	0-20

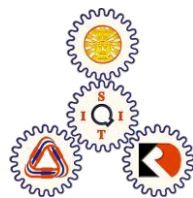
**Remark:** Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.



## Criteria Guidelines for Submission of National Test Scores, Cambodia

Admission Criteria			
Subjects	Engineering (5 programs)	CPE/DE	Management
Mathematics	$\geq B$	$\geq B$	$\geq B$
Physics	$\geq B$	-	-
English	$\geq C$	$\geq C$	$\geq C$

**Remark:** Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.



## Criteria Guidelines for Submission of Maldives General Certificate of Education (Advanced Level): GCE A-Level

Admission Criteria		
Engineering	CPE/DE	Management
1.Math or Mechanics or Statistics $\geq C$ 2.Related subject ( <i>ref. 1</i> ) $\geq C$ 3.Subject 3 $\geq C$	1.Math or Mechanics or Statistics $\geq C$ 2.Related subject ( <i>ref. 1 or 2</i> ) $\geq C$ 3.Subject 3 $\geq C$	1.Math or Mechanics or Statistics $\geq C$ 2.Related subject ( <i>ref. 1 or 2</i> ) $\geq C$ 3.Subject 3 $\geq C$

### Remarks:

#### 1. Accreditation of courses (A-Level):

A-Level Subjects	Accreditation of Courses		
	Engineering (5 programs)	CPE/DE	Management
Mathematics or Mechanics or Statistics $\geq B$	MAS116 Mathematics I	GTS116 Mathematics for Technologist I	GTS212 Calculus for Technologist I
Physics $\geq B$	SCS138 Applied Physics I and SCS183 Physics Laboratory I	GTS121 General Science I	GTS121 General Science I
Chemistry $\geq B$	SCS126 Chemistry for Engineers and SCS176 Chemistry Laboratory	GTS122 General Science II	GTS122 General Science II
Computer Sciences $\geq B$	ITS100 Introduction to Computers and Programming	ITS100 Introduction to Computers and Programming	ITS100 Introduction to Computers and Programming
Accounting $\geq B$			MTS315 Fundamentals of Financial and Managerial
Economics $\geq B$			MTS258 Economics for Technologists



2. Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.

**Ref. 1 (A-Level: Engineering)**

- Chemistry
- Computer Science
- Geography
- Mechanics
- Physical Science
- Physics
- Statistics

**Ref. 2 (A-Level: CPE/DE/MNG)**

- Accounting
- Business Studies
- Computer Science
- Design and Technology
- Digital Media and Design
- Economics
- Information Technology



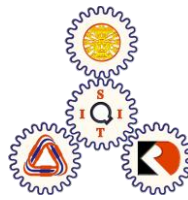
## Criteria Guidelines for Submission of Scores from National Examination, Indonesia

Admission Criteria*			
Subjects	Engineering	CPE/DE	Management
Mathematics	$\geq 7.0$	$\geq 7.0$	$\geq 7.0$
English	$\geq 5.0$	$\geq 5.0$	$\geq 5.0$
Physics or a related subject	$\geq 7.0$	-	-

Full score = 10

\*The criteria can be equivalent to the above scores.

**Remark:** Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.



## Criteria Guidelines for Submission of National Examination Board, Nepal (NEB-Class XII)

Admission Criteria			
Subjects	Engineering (5 programs)*	Engineering (CPE/DE)**	Management***
Mathematics	$\geq B$	$\geq B$	$\geq B$
English	$\geq C$	$\geq C$	$\geq C$
Physics	$\geq B$	-	-
Mathematics	At least 2 A and 1 B+	At least 2 A	At least 2 A
English			
Physics			

**Remark:** Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.



## Criteria Guidelines for Submission of Scores from Board of Intermediate and Secondary Education (BISE), Pakistan

Admission Criteria*			
Subjects	Engineering (5 programs)*	Engineering (CPE/DE)**	Management***
Mathematics	≥ 60%	≥ 60%	≥ 60%
English	≥ 50%	≥ 50%	≥ 50%
Physics	≥ 60%	-	-

\*The criteria can be equivalent to the above scores.

*Remark: Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.*



## Criteria Guidelines for Submission of China's National College Entrance Examination: NCEE (Gao Kao)

Admission Criteria					
High School GPA	Subjects (Gao Kao)	Engineering (5 programs)	CPE/DE	Management	Gao Kao
Math ≥ 2.75 or 68% or equivalent	Mathematics	≥ 60%	≥ 60%	≥ 60%	or Tier 2
	English	≥ 60%	≥ 60%	≥ 60%	
	Physics or Science	≥ 60%	-	-	

*Remark: Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.*



**Criteria Guidelines for Submission of  
Sri Lankan  
Advanced Level (A-level)**

**General Certificate of Education (Advanced Level): GCE A-Level**

Admission Criteria			
Stream	Engineering	CPE/DE	Management
Physical Science	1.Math $\geq$ C 2.Physics or Chemistry $\geq$ C 3.Subject 3 $\geq$ C	1.Math $\geq$ C 2.Physics or Chemistry $\geq$ C 3.Subject 3 $\geq$ C	1.Math $\geq$ C 2.Physics or Chemistry $\geq$ C 3.Subject 3 $\geq$ C
Biological Science	1.Chemistry $\geq$ C 2.Physics $\geq$ C 3.Subject 3 $\geq$ C	1.Chemistry $\geq$ C 2.Physics $\geq$ C 3.Subject 3 $\geq$ C	1.Chemistry $\geq$ C 2.Physics $\geq$ C 3.Subject 3 $\geq$ C
Commerce	-	1.Accounting $\geq$ C 2.Business Studies or Statistics $\geq$ C 3.Economics or IT $\geq$ C	1.Accounting $\geq$ C 2.Business Studies or Statistics $\geq$ C 3.Economics or IT $\geq$ C
Technology	1.Eng. Tech. or ICT $\geq$ C 2.Sci. for Tech $\geq$ C 3.Subject 3 $\geq$ C	1.Eng. Tech. or ICT $\geq$ C 2.Sci. for Tech. $\geq$ C 3.Subject 3 $\geq$ C	1.Eng. Tech. or ICT $\geq$ C 2.Sci. for Tech. $\geq$ C 3.Subject 3 $\geq$ C

**Remarks:**

1. Accreditation of courses (A-Level):

A-Level Subjects	Accreditation of Courses		
	Engineering (5 programs)	(CPE/DE)	Management
Mathematics or Mechanics or Statistics $\geq$ B	MAS116 Mathematics I	GTS116 Mathematics for Technologist I	GTS212 Calculus for Technologist I
Physics $\geq$ B	SCS138 Applied Physics I and SCS183 Physics Laboratory I	GTS121 General Science I	GTS121 General Science I

Chemistry $\geq$ B	SCS126 Chemistry for Engineers and SCS176 Chemistry Laboratory	GTS122 General Science II	GTS122 General Science II
Computer Sciences $\geq$ B	ITS100 Introduction to Computers and Programming	ITS100 Introduction to Computers and Programming	ITS100 Introduction to Computers and Programming
Accounting $\geq$ B			MTS315 Fundamentals of Financial and Managerial
Economics $\geq$ B			MTS258 Economics for Technologists

2. Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.



## Criteria Guidelines for Submission of National Test Scores, Vietnam

Admission Criteria		
Engineering (5 programs)	CPE/DE	Management
1. CGPA of all subjects of last year (grade 12) $\geq 6.5$ 2. CGPA of Math, Physics, English (grade 10-12) $\geq 6.5$ 3. National Test Scores (Math, Physics, English) $\geq 6.5$	1. CGPA of all subjects of last year (grade 12) $\geq 6.5$ 2. CGPA of Math and English (grade 10-12) $\geq 6.5$ 3. National Test Scores (Math and English) $\geq 6.5$	1. CGPA of all subjects of last year (grade 12) $\geq 6.5$ 2. CGPA of Math and English (grade 10-12) $\geq 6.5$ 3. National Test Scores (Math and English) $\geq 6.5$

**Remark: full score = 10**

*Students must earn a high school diploma that complies with the regulations of the Ministry of Education (Thailand) or its equivalent.*





**Admission and Scholarship Criteria for Students from  
Special Admission Program for International Students – Undergraduate  
(SPI-U)**

**Academic Year 2023 Onwards**

Requirements	Admission Criteria	Scholarship Criteria (25% Tuition Fee)		
	All programs	Engineering	DE/CPE	BA
GED Scores				
Mathematical Reasoning	≥ 145	≥ 165	≥ 170	≥ 155
Reasoning Through Language Arts	≥ 145	≥ 155	≥ 155	≥ 155
Science	≥ 145	≥ 165	≥ 145	≥ 145
Social Studies	≥ 145	≥ 145	≥ 145	≥ 145
Grades at SIIT (Non-degree status)	At least “C” grade from one three-credit course	CGPA ≥ 3.00 (A student must register at least 12 credits)		

- Remark:**
1. Students will receive the scholarships when their status is changed to “Degree Students”.
  2. This scholarship is not applicable to current degree students.
  3. Scholarship payment will be made for 8 regular semesters.
  4. Final decisions for admission and scholarships will be made by the SIIT Executive Committee.