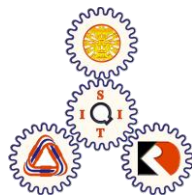




Admission Criteria For Submission of National Test Scores or Standardized Test Scores, Academic Year 2021

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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 2021

Submit one of the following scores:

Type of Scores	Subjects	*Engineering (5 programs)	**Engineering (CPE/DE)	***Management
Common 9 Subjects	Mathematics 1	32	32	32
	English	35	35	33
	Physics	33	-	-
GAT/PAT (Option 1)	GAT Part 2 (Eng)	Total 260 (PAT 1 Math \geq 80)	Total 145 (Math \geq 80)	Total 145
	PAT1		-	-
	PAT3		-	-
GAT/PAT (Option 2)	GAT Part 2 (Eng)	Total 260 (PAT 1 Math \geq 80)	Total 155	Total 155
	PAT2		-	-
	PAT1		-	-
GAT/PAT (Option 3)	GAT Part 2 (Eng)	-	Total 165	Total 165
	PAT3		-	-
GSAT	Mathematics	620		
	Reading, Writing, and Language	400		
New SAT I	Mathematics	620		
	Evidence-Based Reading and Writing	400		
SAT II	Mathematics (Level 2)	600		
	Physics	600	550 (or Chemistry or Biology or English)	550 (or Chemistry or Biology or English)
CU	CU-AAT (Math)	480		455
	CU-ATS	800		760

Type of Scores	Subjects	*Engineering (5 programs)	**Engineering (CPE/DE)	***Management
ACT	Mathematics	Composite Score 21.5 from 36 (Math \geq 20 and Science \geq 20)		
	Science			
	English			
	Reading			
Sixth Form (5 Subjects)	Mathematics	≤ 4		
	Physics	≤ 4	≤ 4 (or Chemistry or Biology or Related Subjects)	≤ 4 (or Chemistry or Biology or Related Subjects)
	Any 3 other subjects	≤ 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		
	<u>How to calculate NCEA to GPA (min. 7 credits/subject).</u> - 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	-	-**** (Please see remark # 4)	≥ 165
	Reasoning Through Language Arts (or other equivalents)			≥ 165
	Science			≥ 165
	Social Studies			≥ 165
IB	Please see attached.			
'A' level (3 Subjects)	Please see attached.			
BHSEC (Bhutan)	Please see attached.			
Cambodia National Test Scores	Please see attached.			
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.

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 curriculum 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. 2562).
4. ****For GED results in 4 subjects, scoring at least 165 in each subject are equivalent to **high school diploma** for **Computer Engineering** and **Digital Engineering**. 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 9 undergraduate programs as follows:

***Engineering (5 programs):**

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

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

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

*****Management**

8. Engineering Management (EM)
9. Management Technology (MT)



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

**Management Technology (MT)
Engineering Management (EM)**

Test Scores Obtained	No.	Subjects	Equivalency of High School Qualifications	Admission Criteria
1 August 2019 - Present (1 สิงหาคม 2562 - ปัจจุบัน)	1	Mathematical Reasoning (200)	≥ 165	≥ 165
	2	Reasoning Through Language Arts (200)	≥ 165	≥ 165
	3	Science (200)	≥ 165	≥ 165
	4	Social Studies (200)	≥ 165	≥ 165
1 May 2017 - 31 July 2019 (1 พฤษภาคม 2560 - 31 กรกฎาคม 2562)	1	Mathematical Reasoning (200)	≥ 145	≥ 165
	2	Reasoning Through Language Arts (200)	≥ 145	≥ 165
	3	Science (200)	≥ 145	≥ 165
	4	Social Studies (200)	≥ 145	≥ 165
Before 1 May 2017 (ก่อนวันที่ 1 พฤษภาคม 2560)	1	Mathematics (800)	≥ 410	≥ 660
	2	Social Studies (800)	≥ 410	≥ 660
	3	Science (800)	≥ 410	≥ 660
	4	Reading (800)	≥ 410	≥ 660
	5	Writing (800)	≥ 410	≥ 660
		<i>Remark: Total Scores $\geq 2,250$</i>		

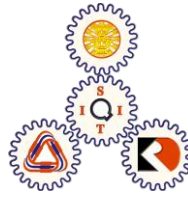
**Computer Engineering (CPE)
Digital Engineering (DE)**

Test Scores Obtained	No.	Subjects	Equivalency of High School Qualifications	Admission Criteria
1 August 2019 - Present (1 สิงหาคม 2562 – ปัจจุบัน)	1	Mathematical Reasoning (200)	≥ 165	*Not Applicable
	2	Reasoning Through Language Arts (200)	≥ 165	
	3	Science (200)	≥ 165	
	4	Social Studies (200)	≥ 165	
1 May 2017 - 31 July 2019 (1 พฤษภาคม 2560 - 31 กรกฎาคม 2562)	1	Mathematical Reasoning (200)	≥ 145	*Not Applicable
	2	Reasoning Through Language Arts (200)	≥ 145	
	3	Science (200)	≥ 145	
	4	Social Studies (200)	≥ 145	
Before 1 May 2017 (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.

Civil Engineering (CE)
Chemical Engineering (ChE)
Mechanical Engineering (ME)
Industrial Engineering and Logistic Systems (IE)
Electrical Engineering (EE)

Test Scores Obtained	No.	Subjects	Equivalency of High School Qualifications	Admission Criteria
1 August 2019 - Present (1 สิงหาคม 2562 – ปัจจุบัน)	1	Mathematical Reasoning (200)	Not Applicable	Not Applicable
	2	Reasoning Through Language Arts (200)		
	3	Science (200)		
	4	Social Studies (200)		
1 May 2017 – 31 July 2019 (1 พฤษภาคม 2560 – 31 กรกฎาคม 2562)	1	Mathematical Reasoning (200)	Not Applicable	Not Applicable
	2	Reasoning Through Language Arts (200)		
	3	Science (200)		
	4	Social Studies (200)		
Before 1 May 2017 (ก่อนวันที่ 1 พฤษภาคม 2560)	1	Mathematics (800)	Not Applicable	Not Applicable
	2	Social Studies (800)		
	3	Science (800)		
	4	Reading (800)		
	5	Writing (800)		
		<i>Remark: Total Scores $\geq 2,250$</i>		



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 curriculum 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
SAT (SATI) (New SAT)	1. Math ≥ 620 2. Evidence-Based Reading and Writing ≥ 400
SAT Subject Test (SATII)	1. Math (Level 2) ≥ 600 2. วิชาทางวิทยาศาสตร์ หรือ ภาษาอังกฤษ 2.1 Engineering: Physics ≥ 600 2.2 Engineering (CPE/DE) and Management: Physics or Chemistry or Biology or English Literature ≥ 550

Remarks:

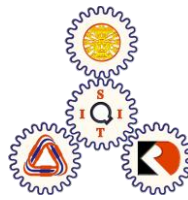
1. *Can combine SATI and SATII (for admission only).*
2. *SAT I: Can take the highest section scores from all the exam dates.*
3. *Students must earn a high school diploma that complies with the curriculum of the Ministry of Education (Thailand) or its equivalent.*



Criteria Guidelines for Submission of American College Testing (ACT)

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

Remark: Students must earn a high school diploma that complies with the curriculum 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
IB (2 subjects) Admission	Mathematics (higher level)	≥ 5		Mathematical studies SL ≥ 5 Mathematics SL ≥ 5 Mathematics HL ≥ 4 Further mathematics HL ≥ 4
	Physics (higher level)	≥ 5	related subjects (ref. 1) SL ≥ 5 HL ≥ 4	≥ 5 Any subject

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

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

Physics SL/HL

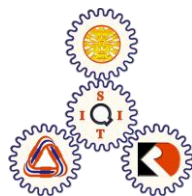
Chemistry SL/HL

Business and management SL/HL

*SL: standard level HL: higher level

Accreditation of courses:

- a) Math (higher level) $\geq 5 \rightarrow$ MAS116 (Mathematics I)
- b) Physics (higher level) $\geq 5 \rightarrow$ SCS138 (Applied Physics I)
- c) Chemistry (higher level) $\geq 5 \rightarrow$ 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 curriculum 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)

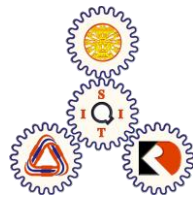
- Accounting
- Business
- Computer Science
- Design and Technology
- Digital Media and Design
- Economics
- Information Technology



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 curriculum of the Ministry of Education (Thailand) or its equivalent.



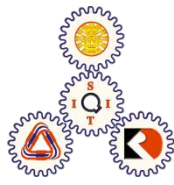
Criteria Guidelines for Submission of Bhutan Higher Secondary Education Certificate (BHSEC-Class XII),

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

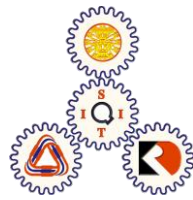
Remark: Students must earn a high school diploma that complies with the curriculum of the Ministry of Education (Thailand) or its equivalent.



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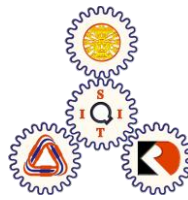
2. Students must earn a high school diploma that complies with the curriculum of the Ministry of Education (Thailand) or its equivalent.

Ref. 1 (A-Level: Engineering)

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

Ref. 2 (A-Level: CPE/DEMNG)

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



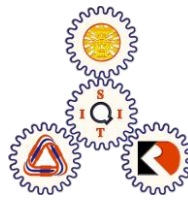
Criteria Guidelines for Submission of Scores from National Examination, Indonesia

Admission Criteria*			
Subjects	Engineering	CPE/DE	Management
Mathematics	≥ 7.0	≥ 7.0	≥ 7.0
English	≥ 5.0	≥ 5.0	≥ 5.0
Physics or a related subject	≥ 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 curriculum 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 curriculum of the Ministry of Education (Thailand) or its equivalent.

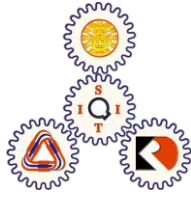


Criteria Guidelines for Submission of Scores from Board of Intermediate and Secondary Education (BISE), Pakistan

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

*The criteria can be equivalent to the above scores.

Remark: Students must earn a high school diploma that complies with the curriculum 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 curriculum 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 curriculum 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) ≥ 6.5 2. CGPA of Math, Physics, English (grade 10-12) ≥ 6.5 3. National Test Scores (Math, Physics, English) ≥ 6.5	1. CGPA of all subjects of last year (grade 12) ≥ 6.5 2. CGPA of Math and English (grade 10-12) ≥ 6.5 3. National Test Scores (Math and English) ≥ 6.5	1. CGPA of all subjects of last year (grade 12) ≥ 6.5 2. CGPA of Math and English (grade 10-12) ≥ 6.5 3. National Test Scores (Math and English) ≥ 6.5

Remark: full score = 10

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