

# GUIDELINE FOR SELECTION AND OFFER OF STUDY PROGRAMMES FOR INTERNATIONAL STUDENTS IN UTeM

## A. ENTRY REQUIREMENTS FOR INTERNATIONAL STUDENTS WITH SECONDARY SCHOOL / HIGHER SECONDARY SCHOOL CERTIFICATE

GENERAL ENTRY REQUIREMENT	<p>Obtained at least three (3) principal passes in the General Certificate of Education Advanced Level (GCE A-Level) Examination [UK Examination System] or International Baccalaureate (IB) obtained in one sitting. (For countries which do not follow the UK examination or International Baccalaureate (IB) system, intake consideration shall be based on the equivalency of qualification table by the Malaysian Qualification Agency).</p> <p><b>AND</b></p> <p>Have completed at least twelve (12) years of education.</p>	
SPECIAL PROGRAMME REQUIREMENT	Engineering Programme	At least <b>C grade (50% minimum)</b> in GCE A-Level / IB Examination in <b><u>all</u></b> of the following subjects:
	Engineering Technology Programme	<ul style="list-style-type: none"> <li>• Mathematics</li> <li>• Physics; <b>and</b></li> </ul> <p>at least <b>C grade (50% minimum)</b> in one <b>(1) other subject</b>.</p>
	ICT Programme	At least <b>C grade (50% minimum)</b> in GCE A-Level / IB Examination in Mathematics and <b>C grades (50% minimum)</b> in two <b>(2) other subjects</b> .
	Technology Management and Technopreneurship Programme	

## LANGUAGE REQUIREMENT

- A minimum score of 500 in the Test of English as a Foreign Language (TOEFL)
  - UTeM only accept TOEFL results taken at a date not more than 2 years from the date of admission.
  - For TOEFL results, UTeM only accept Internet-based (IBT) / Computer-based (CBT)/ Paper-based (PBT) formats only.

### OR

- A minimum score/band 5.0 in the International English Language Testing System (IELTS).
  - UTeM only accept IELTS results taken at a date not more than 2 years from the date of admission.

### OR

- A minimum score/ band 3 in the Malaysian University English Test (MUET).
  - UTeM only accept MUET results taken at a date not more than 5 years from the date of admission.

Applicants without TOEFL or IELTS shall be required to attend and pass the Academic English Programme conducted between three (3) to nine (9) months prior to the Bachelor programme registration.

## B. ENTRY REQUIREMENTS FOR INTERNATIONAL STUDENTS WITH DIPLOMA FROM INSTITUTIONS OF HIGHER LEARNING

<b>GENERAL ENTRY REQUIREMENTS</b>	A Diploma from an institution of higher learning recognised by the Government of Malaysia and approved by the Senate of the University;	
<b>SPECIAL PROGRAMME REQUIREMENTS</b>	<b>Engineering Programme</b>	Diploma in the related field with a final CGPA of at least <b>3.00</b> out of <b>4.00</b> or equivalent.
	<b>Engineering Technology Programme</b>	
	<b>ICT Programme</b>	
	<b>Technology Management and Technopreneurship Programme</b>	

## LANGUAGE REQUIREMENTS

- A minimum score of 500 in the Test of English as a Foreign Language (TOEFL)
  - UTeM only accept TOEFL results taken at a date not more than 2 years from the date of admission.
  - For TOEFL results, UTeM only accept Internet-based (IBT) / Computer-based (CBT)/ Paper-based (PBT) formats only.

**OR**

- A minimum score/band 5.0 in the International English Language Testing System (IELTS).
  - UTeM only accept IELTS results taken at a date not more than 2 years from the date of admission.

**OR**

- A minimum score/ band 3 in the Malaysian University English Test (MUET).
  - UTeM only accept MUET results taken at a date not more than 5 years from the date of admission.

Applicants without TOEFL or IELTS shall be required to attend and pass the Academic English Programme conducted between three (3) to nine (9) months prior to the Bachelor programme registration.

NO	COUNTRY	QUALIFICATION EQUIVALENT TO STPM / A-LEVEL	SPECIAL PROGRAMME REQUIREMENTS
1	Afghanistan	Baccalauria/ Baccalaureate Certificate (Grade 12 Graduation Certificate)	<b>Engineering and Engineering Technology Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <b>ICT, Technology Management and Technopreneurship Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
2	Albania	Certificate of Maturity/ Secondary School Leaving Certificate	<b>Engineering and Engineering Technology Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <b>ICT, Technology Management and Technopreneurship Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
3	Algeria	Baccalaureat de l'Enseignement Secondaire	<b>Engineering and Engineering Technology Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul>

			<b>ICT, Technology Management and Technopreneurship Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
4	Angola	Ensino Geral Certificado de Habilitacoes	<b>Engineering and Engineering Technology Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <b>ICT, Technology Management and Technopreneurship Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
5	Armenia	Certificate of Secondary General Education	<b>Engineering and Engineering Technology Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <b>ICT, Technology Management and Technopreneurship Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

6	Australia	<p>Australian Year 12</p> <p><b>Name of qualification by territory in Australia</b></p> <ul style="list-style-type: none"> <li>• Australian Capital Territory Year 12 Certificate</li> <li>• New South Wales: Higher School Certificate (HSC)</li> <li>• Northern Territory Certificate of Education (NTCE) (previously known as South Australian Certificate of Education prior 1995)</li> <li>• Queensland Certificate of Education (previously known as Queensland Senior Certificate prior 2009)</li> <li>• South Australian Certificate of Education (SACE) (previously known as Year 12 Certificate of Achievement prior 1993)</li> <li>• Tasmanian Certificate of Education (TCE) (previously known as higher School Certificate prior 1990)</li> <li>• Victorian Certificate of Education (VCE) (previously known as higher School Certificate prior 1992)</li> <li>• Western Australia Certificate of Education (WACE) from 1997</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
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7	Bahrain	Tawjahiya (Secondary School Leaving Certificate)	<b>Engineering and Engineering Technology Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <b>ICT, Technology Management and Technopreneurship Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
8	Bangladesh	Higher Secondary Certificate / Intermediate Certificate / ALIM (from Bangladesh Madrasah Education Board)	<b>Engineering and Engineering Technology Programme:</b> <ul style="list-style-type: none"> <li>• Grade B in Mathematics and Physics</li> <li>• Grade B in one (1) other subject</li> </ul> <b>ICT, Technology Management and Technopreneurship Programme:</b> <ul style="list-style-type: none"> <li>• Grade B in Mathematics</li> <li>• Grade B in two (2) other subjects</li> </ul>
9	Benin	Baccalaureat	<b>Engineering and Engineering Technology Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <b>ICT, Technology Management Technopreneurship Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>



10	<b>Bhutan</b>	Bhutan Higher Secondary Education Certificate (BHSEC) - after 2007	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
11	<b>Bolivia</b>	stico Diploma de Bachiller Cientifico-Humani	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
12	<b>Bosnia and Herzegovina</b>	Matura/ Svjedodzba o Zavrzenoj Skoli (Secondary School Leaving Certificate)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

13	<b>Botswana</b>	Botswana General Certificate Of Secondary Education Examination (BGCSE)	<p><b>Engineering and Engineering Technology Program:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
14	<b>Brazil</b>	Certificado de Ensino Medio	<p><b>Engineering and Engineering Technology Program:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
15	<b>Brunei Darussalam</b>	<ul style="list-style-type: none"> <li>• BDTVEC Higher National Diploma</li> <li>• BDTVEC National Diploma (without credit transfer)</li> <li>• Cambridge GCE A - Level</li> <li>• Sijil Tinggi Pelajaran Ugama (STPU)</li> <li>• Matriculation</li> </ul>	<p><b>Engineering and Engineering Technology Program:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

16	Bulgaria	Diploma za Sredno Obrazovanie (Diploma of Completed Secondary Education )	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
17	Cambodia	Diploma of Upper Secondary Education (Grade 12)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
18	Cameroon	Cameroon GCE A level/ Baccalaureat	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

## Canada

Canadian Grade 12

**Name of qualification by territory in Canada:**

- Alberta: General High School Diploma
- British Columbia: Senior Secondary Graduation Diploma/ British Columbia Certificate of Graduation
- Manitoba: High School Graduation Diploma
- New Brunswick: High School Graduation Diploma
- Newfoundland: High School Graduation Diploma
- North West Territories: General High School Diploma
- Nova Scotia: High School Completion Certificate
- Ontario: Ontario Academic Courses (OACs)
- Ontario: Ontario Secondary School Diploma
- Prince Edward island: High School Graduation Diploma
- Quebec: Diplome d'Etudes Colle'giales (DEC)
- Saskatchewan: Completion Grade 12 Standing/ division IV Standing (Secondary School Diploma)
- Yukon Territory: Senior Secondary Graduation Diploma

Canadian Pre-University (CPU)

**Engineering and Engineering Technology Programme:**

- Grade C in Mathematics and Physics
- Grade C in one (1) other subject

**ICT, Technology Management and Technopreneurship Programme:**

- Grade C in Mathematics
- Grade C in two (2) other subjects

20	Chad	Baccalaureat de l'Enseignement du Second Degré (Upper Secondary Level)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
21	China	<ul style="list-style-type: none"> <li>• Senior Secondary School Graduation Certificate</li> <li>• Graduation Certificate from a Vocational/ Technical Secondary School (Zhixiao/ Zhigao) or a Skilled Worker School (Jixiao)</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
22	Croatia	Svjedodzba o Maturi (Certificate of Maturity)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

23	Comoros	-	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
24	Democratic Republic of the Congo (D. R. Congo)	Diploma d'Etat d'Etudes Secondaires du Cycle Long (state Diploma of Long Cycle Secondary Studies)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
25	Denmark	<ul style="list-style-type: none"> <li>• Bevis for Studentereksamen</li> <li>• Bevis for Højere Forberedelseseksamen (HF)</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

26	Djibouti	Baccalaureat de l'Enseignement Secondaire	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
27	Ecuador	Titulo de Bachiller en Ciencias	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
28	Egypt	Secondary Education Certificate of Al-Azhar/ Thanaweya Aama (Certificate of General Secondary Education)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

29	Equatorial Guinea	Bachillerato	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
30	Eritrea	Eritrean Secondary Education Certificate Examination (ESECE)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
31	Estonia	Gumnaasiumi Loputunnistus with the Riigieksamitunnistus (Secondary School Leaving Certificate with the state Examination Certificate)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>



32	Ethiopia	<ul style="list-style-type: none"> <li>Ethiopian Higher Education Entrance Qualification Certificate - after 2003</li> <li>Ethiopian School Leaving Certificate - prior 2003</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
33	Fiji	<p>Fiji Year 13 Certificate</p> <p>(Also known as: Fiji Seventh Form Certificate Examination)</p>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
34	Finland	<p>Vocational Upper Secondary Education</p>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>

35	France	Baccalaureat	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
36	Gabon	Baccalaureat	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
37	Gambia	West African Examination Council GCE A Level	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

38	Germany	Zeugnis der Reife/ Zeugnis der Allgemeinen Hochschulreife/ Abitur	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
39	Ghana	<ul style="list-style-type: none"> <li>• West African Higher School Certificate/ GCE A Level</li> <li>• Senior Secondary School Certificate Examination- after 1993</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
40	Greece	Apolytirio of Lykeio	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

41	Hong Kong	<ul style="list-style-type: none"> <li>Hong Kong Advanced Level Examination (HKALE)</li> <li>Hong Kong Diploma Of Secondary Education Examination (HKDSE)</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
42	India	<ul style="list-style-type: none"> <li>Intermediate Public Examination Year conducted by the Board of Intermediate Education, Hyderabad, India</li> <li>Higher Secondary Examination (Class XII) Certificate, Government of Kerala, Board of Higher Secondary Examination</li> <li>Intermediate Pass Certificate (cum Memorandum of Marks), Board of Intermediate Education, Andhra Pradesh</li> <li>Indian School Certificate (Standard XII)</li> <li>All India Senior School Certificate (awarded by Central Board of Secondary Education)</li> <li>Higher Secondary Course Certificate/ Higher Secondary School Certificate/Higher Secondary Certificate/ Higher School Certificate (Standard XII)</li> <li>Pre-Medical from Punjab University</li> <li>Pre-University Examination from Mahatma Gandhi University</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>

		<ul style="list-style-type: none"> <li>• Certificate of Second Year Pre-University Examination issued by Education Department of the Government of Karnataka</li> <li>• Mark Sheet, Bihar Intermediate Education Council, Patna</li> <li>• Senior Secondary School Examination, National Institute of Open Schooling (previously known as National Open School)</li> </ul>	
43	Indonesia	<ul style="list-style-type: none"> <li>• Ijazah Sekolah Menengah Umum (SMU) 3 / Ijazah Sekolah Menengah Atas (SMA) / Ijazah Sekolah Menengah Kejuruan (SMK) / Ijazah Madrasah Aliyah (bagi kelulusan mulai tahun 2015) dengan gred purata 66 - 100</li> <li>• Ijazah Sekolah Menengah Umum (SMU) 3 / Ijazah Sekolah Menengah Atas (SMA) / Ijazah Sekolah Menengah Kejuruan (SMK) / Ijazah Madrasah Aliyah (bagi kelulusan mulai tahun 2014 dan sebelumnya) dengan gred purata 6 - 10</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ol style="list-style-type: none"> <li>1. Ujian Sekolah - 80% in Mathematics and Physics and 70% in one other subject</li> </ol> <p>OR</p> <ol style="list-style-type: none"> <li>2. Ujian Nasional (UN) and Ujian Sekolah (US) (ratio 30% UN + 70% US) -</li> </ol> <p>Grade B in Mathematics and Physics, grade C in one other subject</p> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ol style="list-style-type: none"> <li>1. Ujian Sekolah - 80% in Mathematics and 70% in two other subjects</li> <li>2. Ujian Nasional (UN) and Ujian Sekolah (US) (ratio 30% UN + 70% US) –</li> </ol> <p>Grade B in Matematics and grade C in two other subjects</p>

44	Iran	<ul style="list-style-type: none"> <li>• High School Diploma</li> <li>• High School Diploma and Pre-University Certificate (Peeshdaneshgahe)- after 1992</li> <li>• High School Diploma (Technical and vocational Stream) (also known as: Certificate of Completion of Vocational Secondary Education) and Associate degree (also known as: (Higher Diploma)</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
45	Iraq	Secondary School Certificate / Sixth Form Baccalaureate	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
46	Ireland	Leaving Certificate passed at Higher/ Honours Level Grades A-C	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

47	Italy	<ul style="list-style-type: none"> <li>Diploma di Maturita (Classical/ Scientifica/ Tecnica/ Linguistica/ Professionale/ Magistrale/ Artistica)- prior 1999</li> <li>Esame di Stato- after 1999</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
48	Japan	Upper Secondary School Leaving Certificate (Kotogakko Sotsugyo Shomeisho)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
49	Jordan	Tawjihi (General Secondary Education Certificate)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>

50	Kazakhstan	<ul style="list-style-type: none"> <li>• Certificate of Completed Secondary Education (12 years of schooling under the old curriculum)</li> <li>• Diploma of Specialised Secondary Education (12 or 13 years of schooling)</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
51	Kenya	<ul style="list-style-type: none"> <li>• Kenya Certificate of Secondary Education (KCSE)</li> <li>• East African Advanced Certificate of Education (EAACE)/ Kenya Advanced Certificate of Education (KACE)- prior 1988</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
52	Kuwait	Shahadat-al-thanawia-al-aama (General Secondary School Certificate)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>



53	Laos	Upper Secondary School Diploma (also known as Baccalaureat)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
54	Lebanon	Baccalaureat General (previously known as Baccalaureat II before 1991)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
55	Lesotho	Cambridge Overseas School Certificate	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

56	Liberia	Senior High School Certificate	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
57	Libya	Secondary School Certificate / Secondary Education Certificate	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
58	Macao	<ul style="list-style-type: none"> <li>• Cambridge Overseas Higher School Certificate (COHSC)/ GCE Advanced</li> <li>• Ensino Secunda Complementar</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

59	<b>Macedonia</b>	Matura/ Secondary School Leaving Diploma	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
60	<b>Madagascar</b>	<p>Diplome de Bachelier de IEnseignement Secondaire</p> <p>(also known as Diplome du Baccalaureat de IEnseignement Secondaire/ Diplome du Baccalaureat du Second Degre)</p>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
61	<b>Malawi</b>	Malawi School Certificate of Education	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

62	Mali	Baccalaureat	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
63	Maldives	UCLES A level/ Higher Secondary School Certificate (HSC)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
64	Mauritania	<ul style="list-style-type: none"> <li>• Diplome de Bachelier de l'Enseignement du Second Degre (Baccalaureat)</li> <li>• Diplome d'Etudes Universitaires Generales (DEUG)</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

65	Mauritius	Cambridge Overseas Higher School Certificate/ GCE A Level	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
66	Mexico	Bachillerato	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
67	Montenegro	<p>Diploma o polozenom maturalnom ispitu</p> <p>Matura/ Secondary School Leaving Diploma</p>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

68	Morocco	Diplome du Baccalaureate	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
69	Mozambique	Certificado de Habilitacoes Literarias	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
70	Namibia	<ul style="list-style-type: none"> <li>• HIGCSE (Higher International General Certificate of Secondary Education)</li> <li>• Cambridge Overseas Higher School Certificate (COHSC)/ GCE A Level</li> <li>• Namibia Senior Secondary Certificate (Higher Level)</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

71	Nepal	Higher Secondary Education Certificate (HSEC)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
72	Netherlands	<ul style="list-style-type: none"> <li>• Hoger Algemeen Voortgezet Onderwijs (HAVO) Diploma</li> <li>• Voorbereidend Wetenschappelijk Onderwijs (VWO) (Gymnasium A/B and Atheneum A/B) Diploma</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
73	New Zealand	National Certificate in Educational Achievement (NCEA) Level 3	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

74	Niger	Baccalaureat/ Diplome de Bachelier de l'Enseignement du Second Degré	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
75	Nigeria	<ul style="list-style-type: none"> <li>• West African GCE A Level-prior 1989</li> <li>• West African Senior School Certificate (awarded by West African Examinations Council (WAEC)) / Senior School Certificate (awarded by National Examinations Council (NECO))</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
76	Non-country specific	International Baccalaureate Diploma	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>



77	Norway	Vitnemal for Videregaende Opplaering (Leaving Certificate from Secondary School)/ Vitnemal fra den Videregaende Skole (Leaving Certificate from Upper Secondary School)	<b>Engineering and Engineering Technology Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <b>ICT, Technology Management and Technopreneurship Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
78	Oman	<ul style="list-style-type: none"> <li>• Thanawiya amma (Secondary School Leaving Certificate/ General Secondary School Certificate)</li> <li>• One year Certificate/ Foundation Year</li> <li>• General Education Diploma</li> </ul>	<b>Engineering and Engineering Technology Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <b>ICT, Technology Management and Technopreneurship Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
79	Pakistan	Higher Secondary Certificate (HSC) / Intermediate	<b>Engineering and Engineering Technology Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <b>ICT, Technology Management and Technopreneurship Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

80	Palestine	Tawjihi (Certificate of General Secondary Education Examination)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
81	Panama	<ul style="list-style-type: none"> <li>• Bachillerato</li> <li>• High School Graduation Diploma</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
82	Papua New Guinea	Higher School Certificate	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

83	Philippines	High School Diploma (12-year curriculum)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
84	Poland	Swiadectwo Dojrzalosci/ Matura	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
85	Portugal	Diploma Nivel Secundario de Educacao/ Certificado Nivel Secundario de Educacao	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

86	<b>Qatar</b>	<ul style="list-style-type: none"> <li>General Secondary Education Certificate (also known as: Shahadat Al-Thanawaya Al-Aama)</li> <li>Qatar Senior School Certificate (also known as: Shahadat Al-Thanawaya Al-Aama)</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
87	<b>Republic of Guinea</b>	Baccalaureat Unique/ Baccalaureat 2eme parti (13 years of schooling)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
88	<b>Russia</b>	Certificate of United States Examination	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>

89	<b>Rwanda</b>	<ul style="list-style-type: none"> <li>Advanced General Certificate of Secondary Education</li> <li>Diploma des Humanites Completes (Diplome de Fin dEtudes Secondaires prior 1994)</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
90	<b>Saudi Arabia</b>	Tawjihiyah (General Secondary Education Certificate)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
91	<b>Scotland</b>	<ul style="list-style-type: none"> <li>Scottish Certificate of Education (SCE) (Higher Grade) (awarded by Scottish Examination Board)</li> <li>Scottish Qualification Certificate (SQC) (Higher Grade) by Scottish Qualifications Authority (SQA)</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>

92	Senegal	<p>Diplome de Bachelier de l'Enseignement du Second Degré/ Diplome de Bachelier de l'Enseignement Secondaire</p> <p>Also known as : Baccalaureat</p>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
93	Serbia	<p>Secondary School Leaving Diploma/ Matura</p>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
94	Sierra Leone	<ul style="list-style-type: none"> <li>• West African Higher School Certificate (WAHSC)/ GCE A level/ Cambridge Overseas Higher School Certificate (COHSC)</li> <li>• Senior School Certificate</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

95	Singapore	<ul style="list-style-type: none"> <li>• Singapore/ Cambridge GCE A level</li> <li>• NUS High School Diploma (from NUS High School of Mathematics and Science)</li> <li>• Pra U2</li> <li>• Diploma from Polytechnics</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
96	Slovakia	Vysvedcenie o maturitnej skuske (Secondary School Leaving Certificate)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
97	Slovenia	Maturitetno spriscevalo (Matura Certificate)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

98	Sri Lanka	Sri Lankan General Certificate of Education (Advanced Level)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
99	Somalia	Shahaadada Dugsiga Sare (Secondary School Leaving Certificate)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
100	South Africa	Senior Certificate (with matriculation endorsement)/ National Senior Certificate	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>



101	South Korea	High School Diploma/ High School Graduation Equivalency Examination	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
102	South Sudan	South Sudan Certificate of Secondary Education	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
103	Spain	Selectividad/ Título de Bachiller	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

104	<b>Sudan</b>	<ul style="list-style-type: none"> <li>Sudan School Certificate (previously known as Secondary School Certificate or Higher Secondary School Certificate)</li> <li>International Secondary Certificate</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
105	<b>Sweden</b>	Avgangsbetyg/ Slutbetyg från Gymnasieskola (previously Studentexamen) (Upper Secondary School Leaving Certificate)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
106	<b>Switzerland</b>	Certificat de Maturite/ Certificat de Maturite Cantonal reconnu par la Confédération, Federal Secondary School Leaving Certificate	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>

107	Syria	General Secondary Certificate-also referred to al Shahada al-Thanawiyya al-cAmma or Baccalaureat	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade B in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade B in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
108	Taiwan	Senior High School Leaving Certificate	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
109	Tanzania	National Form VI Examination/ Advance Certificate of Secondary Education (ACSE)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

110	Thailand	<ul style="list-style-type: none"> <li>• Certificate of Secondary Education/ Maw 6</li> <li>• Islamic Study Upper Secondary School</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
111	Timor-Leste	Diploma Ensino Secundario	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
112	Togo	Baccalaureat/ Baccalaureat Technicien	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

113	Trinidad and Tobago	Caribbean Advanced Proficiency Examination (CAPE)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
114	Tunisia	Baccalaureat	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
115	Turkey	<ul style="list-style-type: none"> <li>• Devlet Lise Diploması (State High School Diploma)</li> <li>• Lise Bitirme Diploması (Private High School Finishing Diploma)</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

116	Uganda	Uganda Advanced Certificate of Education (UACE)/ Cambridge Overseas Higher School Certificate (COHSC)/ East African Advanced Certificate of Education	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
117	Ukraine	<p>Certificate of Complete General Secondary Education</p> <ul style="list-style-type: none"> <li>- 12 years of schooling (since 2017)</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
118	United Arab Emirates	Tawjihiyya	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>

119	United Kingdom	<ul style="list-style-type: none"> <li>GCE Advanced Level</li> <li>International General Certificate of Education Advanced Level (A Level) awarded by Oxford International AQA Examinations</li> </ul> <p>Note : This qualification is offered outside the UK</p>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
120	United States of America	<ul style="list-style-type: none"> <li>High School Diploma</li> <li>General Educational Development (GED)</li> <li>Advanced Placement (AP) Examination</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>
121	Uzbekistan	<ul style="list-style-type: none"> <li>Diploma of Professional College</li> <li>Diploma of Academic Lyceum</li> </ul>	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics and Physics</li> <li>Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>Grade C in Mathematics</li> <li>Grade C in two (2) other subjects</li> </ul>

122	Vietnam	Bang Tot Nghiep Trung Hoc Pho Thong (Upper Secondary School Graduation Diploma)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
123	Yemen	AlThanawiya (General Secondary Education Certificate)	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade B in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade B in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
124	Zambia	School Certificate	<p><b>Engineering and Engineering Technology Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <p><b>ICT, Technology Management and Technopreneurship Programme:</b></p> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>



125	Zimbabwe	ZIMSEC A Level Certificate (previously known as Cambridge Higher School Certificate/ GCE A	<b>Engineering and Engineering Technology Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics and Physics</li> <li>• Grade C in one (1) other subject</li> </ul> <b>ICT, Technology Management and Technopreneurship Programme:</b> <ul style="list-style-type: none"> <li>• Grade C in Mathematics</li> <li>• Grade C in two (2) other subjects</li> </ul>
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