

INTERNATIONAL STUDENTS

Do I Need to Write the MDT?

1. Students who have studied mathematics at a post-secondary institution may not need to write the MDT. Please email your post-secondary transcript(s) as well as corresponding course outlines to math.info@langara.ca to see if you are eligible for a prerequisite override. Please note that we do not have access to any documents sent to the Transfer Credit Office or Admissions.
2. Students who have taken IB Math **within three years** may not have to write the MDT.

IB Math

If you have taken Analysis and Approaches IB, then you DO NOT need to write the MDT and you can email a copy of your IB grade to math.info@langara.ca to request a prerequisite override for:

- ☐ Math 1171 if your Grade 6-7
- ☐ Math 1173/1174/1175 if Grade 4-5
- ☐ Math 1170 if Grade 2-3

If you have taken Applications IB, then you DO need to write the MDT.

3. Students who have taken IGCSE Cambridge Assessment Math (9709), **within three years**, DO NOT need to write the MDT. You can email a copy of your transcript to math.info@langara.ca to request a prerequisite override for :
 - ☐ Calculus 1 (Math 1171, 1173, 1175, 1174) if your grade is B or higher
 - ☐ Math 1170 if your grade is less than a B but still a passing grade

4. Students who have taken A-Level Math through Pearson, **within three years**, DO NOT need to write the MDT. You can email a copy of your transcript to math.info@langara.ca to request a prerequisite override for:
- ☐ Calculus 1 (Math 1171, 1173, 1175, 1174) if you have successfully completed A-Level
 - ☐ Calculus 2 (Math 1271, 1273, 1275, 1274) if you have successfully completed Further A-Level
5. Students from certain countries with high school transcripts, **within three years** of completion, AND who meet the listed grade requirements DO NOT need to write the MDT. These overrides should be issued automatically **for your first semester** at Langara but in the case that it has been overlooked, please email a copy of your transcript to math.info@langara.ca to request a prerequisite override. The list of countries and criteria can be found on the next page(s). Eligible countries included are China, Hong Kong, India, Indonesia, Iran, Japan, Philippines, South Korea and Vietnam. Students from countries outside this list DO need to write the MDT.

Note that these overrides are issued for only one semester. If the override is not taken in the first semester, then it can be extended for up to two following semesters, by request. Once the override is taken and if the student is unsuccessful in the course they were issued the override for then they will be required to write the MDT.

COUNTRY	PREREQUISITE COURSES	PREREQUISITE REQUIREMENTS	COURSE OVERRIDE (1 semester prerequisite override)
China	MATH 12 Math (pre-calculus) at the Grade 12 or Senior Year 3 level or Mathematics (Huikao/Gaokao Subject)	79%-88% or higher or B grade (Huikao grading)	MATH 1170
	IELTS or DUOLINGO	6.5 or higher 110 or higher	
	MATH 12 Math (pre-calculus) at the Grade 12 or Senior Year 3 level or Mathematics (Huikao/Gaokao Subject)	89% or higher or A grade (Huikao grading)	MATH 1171, 1175, 1173, 1174
	IELTS or DUOLINGO	6.5 or higher 110 or higher	

High school graduation credential

12 years of education (includes three years of senior secondary school)

- ☐ Senior Secondary School Graduation Certificate
- ☐ Senior Secondary School Report of Grades
- ☐ CHESICC verified Academic Proficiency Test (Huikao) result
- ☐ CHESICC verified National Chinese Entrance Examinations (NCEE or Gaokao examinations) results

COUNTRY	PREREQUISITE COURSES	PREREQUISITE REQUIREMENTS	COURSE OVERRIDE (1 semester prerequisite override)
Hong Kong	MATH 12 Math (pre-calculus) at the HKDSE or HKALE level	4 (HKDSE) or B (HKALE)	MATH 1170
	IELTS or DUOLINGO	6.5 or higher 110 or higher	
	MATH 12 Math (pre-calculus) at the HKDSE or HKALE level	5 (HKDSE) or A (HKALE)	MATH 1171, 1175, 1173, 1174
	IELTS or DUOLINGO	6.5 or higher 110 higher	

High school graduation credential

- ☐ 12 years of education (includes three years of senior secondary): Hong Kong Diploma of Secondary Education (HKDSE)
- ☐ 13 years of education (two additional years after HKCEE): Hong Kong Advanced Level Examination (HKALE)

COUNTRY	PREREQUISITE COURSES	PREREQUISITE REQUIREMENTS	COURSE OVERRIDE (1 semester prerequisite override)
India	MATH 12 Math (pre-calculus) at the Grade 12 or Senior Year 2 level	65%-84%	MATH 1170
	IELTS or DUOLINGO	6.5 or higher 110 or higher	
	MATH 12 Math (pre-calculus) at the Grade 12 or Senior Year 2 level	85% or higher	MATH 1171, 1175, 1173, 1174
	IELTS or DUOLINGO	6.5 or higher 110 or higher	

High school graduation credential

12 years of education (includes two years of senior secondary)

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|--|--|---|
| <input type="checkbox"/> Higher Secondary Certificate | <input type="checkbox"/> Indian School Certificate (Year 12) | <input type="checkbox"/> Pre-University Examination |
| <input type="checkbox"/> Higher Secondary School Certificate | <input type="checkbox"/> Intermediate Examination | <input type="checkbox"/> Senior School Certificate |
| | | <input type="checkbox"/> Senior Secondary Certificate |

Credential must be issued by one of the following boards:

- ☐ All India – Central Board of Secondary Education (CBSE)
- ☐ All India – Council for the Indian School Certificate Examinations (CISCE)
- ☐ Various – State Boards of Higher Secondary Education

COUNTRY	PREREQUISITE COURSES	PREREQUISITE REQUIREMENTS	COURSE OVERRIDE (1 semester prerequisite override)
Indonesia	MATH 12 Math (pre-calculus) at the Grade 12 or Senior Year 3 level	79%-88% or 7.3-8.5 (10.0 scale)	MATH 1170
	IELTS or DUOLINGO	6.5 or higher 110 or higher	
	MATH 12 Math (pre-calculus) at the Grade 12 or Senior Year 3 level	89% or higher or 8.6 or higher (10.0 scale)	MATH 1171, 1175, 1173, 1174
	IELTS or DUOLINGO	6.5 or higher 110 or higher	

High school graduation credential

12 years of education (includes three years of senior secondary)

- ☐ Ijazah – Sekolah Menengah Atas (SMA) (Academic Upper Secondary School Diploma)
- ☐ Ijazah – Madrasah Aliyah (MA) (Islamic Upper Secondary School Diploma)

COUNTRY	PREREQUISITE COURSES	PREREQUISITE REQUIREMENTS	COURSE OVERRIDE (1 semester prerequisite override)
Iran	MATH 12 Math (pre-calculus) at the Grade 12 or Pre-University level	15-16 (20 point scale)	MATH 1170
	IELTS or DUOLINGO	6.5 or higher 110 or higher	
	MATH 12 Math (pre-calculus) at the Grade 12 or Pre-University level	17 or higher (20 point scale)	MATH 1171, 1175, 1173, 1174
	IELTS or DUOLINGO	6.5 or higher 110 or higher	

High school graduation credential

12 years of education (6 years of primary, 3 years of lower secondary, and 3 years of upper secondary)

- ☐ High School Diploma (upper secondary)

12 years of education (one additional year after high school diploma)*

- ☐ Pre-University Certificate

*Pre-university programme is no longer in place as of 2019.

COUNTRY	PREREQUISITE COURSES	PREREQUISITE REQUIREMENTS	COURSE OVERRIDE (1 semester prerequisite override)
Japan	MATH 12 Math (pre-calculus) at the Grade 12 or Senior Year 3 level	4 (5 point scale)	MATH 1170
	IELTS or DUOLINGO	6.5 or higher 110 or higher	
	MATH 12 Math (pre-calculus) at the Grade 12 or Senior Year 3 level	5 (5 point scale)	MATH 1171, 1175, 1173, 1174
	IELTS or DUOLINGO	6.5 or higher 110 or higher	

High school graduation credential

12 years of education (includes three years of senior secondary)

- ☐ Kotogakko Sotsugyo Shomeisho (Upper Secondary School Leaving Certificate)
- ☐ Kotogakko Sotsugyo Shosho (Upper Secondary School Certificate of Graduation)

COUNTRY	PREREQUISITE COURSES	PREREQUISITE REQUIREMENTS	COURSE OVERRIDE (1 semester prerequisite override)
Philippines	MATH 12 General Math and Pre-Calculus or Basic Calculus (Grade 11/12 level)	86%-92% or P grade or 3.0 (4.0 scale)	MATH 1170
	IELTS or DUOLINGO	6.5 or higher 110 or higher	
	MATH 12 General Math and Pre-Calculus or Basic Calculus (Grade 11/12 level)	93% or higher or A grade or 4.0 (4.0 scale)	MATH 1171, 1175, 1173, 1174
	IELTS or DUOLINGO	6.5 or higher 110 or higher	

High school graduation credential

10 or 11 years of education (includes four years of secondary)

- ☐ High School Diploma

11 or 12 years of education (includes two years of senior high school education)

- ☐ Senior High School Diploma
 - ☐ Academic Track

COUNTRY	PREREQUISITE COURSES	PREREQUISITE REQUIREMENTS	COURSE OVERRIDE (1 semester prerequisite override)
South Korea	MATH 12 Math (pre-calculus) at the Grade 12 or Senior Year 3 level	79%-88% or higher or 3-4 (9 point scale)	MATH 1170
	IELTS or DUOLINGO	6.5 or higher 110 or higher	
	MATH 12 Math (pre-calculus) at the Grade 12 or Senior Year 3 level	89% or higher or 2 (9 point scale)	MATH 1171, 1175, 1173, 1174
	IELTS or DUOLINGO	6.5 or higher 110 or higher	

High school graduation credential

12 years of education (includes three years of senior secondary)

- ☐ General High School Certificate of Graduation
- ☐ General High School Diploma

COUNTRY	PREREQUISITE COURSES	PREREQUISITE REQUIREMENTS	COURSE OVERRIDE (1 semester prerequisite override)
Vietnam	MATH 12 Math (pre-calculus) at the Grade 12 or Senior Year 3 level	7.3-8.5 or higher (10.0 point scale)	MATH 1170
	IELTS or DUOLINGO	6.5 or higher 110 or higher	
	MATH 12 Math (pre-calculus) at the Grade 12 or Senior Year 3 level	8.6 or higher (10.0 point scale)	MATH 1171, 1175, 1173, 1174
	IELTS or DUOLINGO	6.5 or higher 110 or higher	

High school graduation credential

12 years of education (includes three years of senior secondary)

- ☐ Senior High School Certificate
- ☐ Upper Secondary School Diploma
- ☐ Upper Secondary School Graduation Certificate