

# Mathematics Alternatives Table

Note: The first table below pertains to prerequisites for the 2017/18 academic year. See the second table below for the version of the Mathematics Alternatives Table in effect for admissions for September 1, 2018.

Each row lists alternative ways to meet a mathematics requirement for admission or course prerequisite (the minimum acceptable grade for each course is indicated in brackets). For example, the requirement '*Level C1 as defined in the Math Alternatives Table*' is fulfilled by any of the courses or tests listed on Level C1. In addition, each Requirement Level is fulfilled automatically by any Requirement Level higher in the table. For example, the requirement '*Level C1 as defined in the Math Alternatives Table*' is fulfilled by any of the courses or tests listed on Levels A1 or B1, as well as C1.

Questions about mathematics prerequisites may be directed to Academic Advising [kpu.ca/advising](http://kpu.ca/advising)

**A REQUIREMENT LEVEL CAN BE MET THROUGH ONE OF THE FOLLOWING:**

**REQUIREMENT LEVEL COURSES ASSESSMENT TESTS MATH COURSES**

One of: MATH 1120 (C), 1130 (C), or 1140 (C) fulfills the math requirement for any KPU course that has high school math prerequisites.

**A1** One of: Pre-Calculus 12 (B), Calculus 12 (C), IB Mathematics (HL) (B), IB Further Math (HL) (B), AP Calculus AB 12 (B), AP Calculus BC 12A (B), AP Calculus BC 12B (B), or Principles of Mathematics 12 (B)

Math Placement Test Level D \*

MATH 1112 (C)

**B1** One of: Pre-Calculus 12 (C+), or Principles of Mathematics 12 (C+)

**C1** One of: Pre-Calculus 12 (C), Pre-Calculus 11 (B), IB Mathematics (SL) (B), Principles of Mathematics 12 (C), or Principles of Mathematics 11 (B)

Math Placement Test Level C \*

One of: MATQ 1093 (C), or 1099 (B-)

One of: MATH 1102 (C), or 1117 (C)

**D1** One of: Foundations of Mathematics 11 (B), Foundations of Mathematics 12 (C), IB Mathematical Studies (SL) (C), Applications of Mathematics 12 (B), or Applications of Mathematics 11 (A)

MATQ 1094 (C)

**E1** One of: Pre-Calculus 11 (C), Foundations of Mathematics 11 (C+), IB Mathematics (SL) (C), Principles of Mathematics 12 (P), Principles of Mathematics 11 (C), Applications of Mathematics 12 (C), or Applications of Mathematics 11 (C)

Math Placement Test Level B \*

One of: MATQ 1089 (C+), or 1099 (C)

**F1** Foundations of Mathematics and Pre-Calculus 10 (B)

Academic Career Preparation Math Assessment Test Part 2: Algebra

**G1** One of: Foundations of Mathematics and Pre-Calculus 10 (C), Foundations of Mathematics 11 (C), Apprenticeship and Workplace Mathematics 12 (C), Apprenticeship and Workplace Mathematics 11

One of: Math Placement Test Level A \*, or (C)

One of: MATQ 1079 (C+), or 1089 (C)

Academic Career Preparation

(C+), Apprenticeship and Workplace Mathematics 10 (B), Principles of Mathematics 10 (C), Essentials of Mathematics 12 (C), Essentials of Mathematics 11 (C+), or Essentials of Mathematics 10 (B)

Math Assessment Test Part 1: Arithmetic

\* Requirements for Math Placement Test:

- Level D: 11/15 on Part C of Test; 11/20 on Part D of Test.
- Level C: 11/15 on Part C of Test.
- Level B: 10/15 on Part A of Test; 10/15 on Part B of Test.
- Level A: 10/15 on Part A of Test.

For further information about KPU's Assessment Tests, see [kpu.ca/assessment-testing-services](http://kpu.ca/assessment-testing-services)

The following Mathematics Alternatives Table is in effect for admissions for September 1, 2018.

**A REQUIREMENT LEVEL CAN BE MET THROUGH ONE OF THE FOLLOWING:**

11 (B), Apprenticeship and Workplace Mathematics  
 10 (B), Principles of Mathematics 10 (C), Essentials of Mathematics 12 (C), Essentials of Mathematics 11 (B), or Essentials of Mathematics 10 (B)

Math Assessment Test Part 1: Arithmetic

**REQUIREMENT LEVEL COURSES**      **ASSESSMENT TESTS**      **MATH COURSES**      **MATH COURSES**

*One of: MATH 1120 (C), 1130 (C), or 1140 (C) fulfills the math requirement for any KPU course that has high school math prerequisites.*

**A1** *One of:* Pre-Calculus 12 (B), Calculus 12 (C), IB Mathematics (HL) (B), IB Further Math (HL) (B), AP Calculus AB 12 (B), AP Calculus BC 12A (B), AP Calculus BC 12B (B), or Principles of Mathematics 12 (B)

Math Placement Test Level D \*

MATH 1112 (C)

**B1** *One of:* Pre-Calculus 12 (C+), or Principles of Mathematics 12 (C+)

**C1** *One of:* Pre-Calculus 12 (C), Pre-Calculus 11 (B), IB Mathematics (SL) (B), Principles of Mathematics 12 (C), or Principles of Mathematics 11 (B)

Math Placement Test Level C \*

*One of:* MATQ 1093 (C), or 1099 (B)

*One of:* MATH 1102 (C), or 1117 (C)

**D1** *One of:* Foundations of Mathematics 11 (B), Foundations of Mathematics 12 (C), IB Mathematical Studies (SL) (C), Applications of Mathematics 12 (B), or Applications of Mathematics 11 (A)

*One of:* MATQ 1094 (C), or 1099 (C)

**E1** *One of:* Pre-Calculus 11 (C), Foundations of Mathematics 11 (C+), IB Mathematics (SL) (C), Principles of Mathematics 12 (P), Principles of Mathematics 11 (C), Applications of Mathematics 12 (C), or Applications of Mathematics 11 (C)

Math Placement Test Level B \*

MATQ 1089 (C+)

**F1** Foundations of Mathematics and Pre-Calculus 10 (B)

Academic Career Preparation Math Assessment Test Part 2: Algebra

MATQ 1089 (C)

**G1** *One of:* Foundations of Mathematics and Pre-Calculus 10 (C), Foundations of Mathematics 11 (C), Apprenticeship and Workplace Mathematics 12 (C), Apprenticeship and Workplace Mathematics

*One of:* MATQ 1079 (C+), Placement Test Level A \*, or Academic Career Preparation