

Math 20-1 (5 Credits)

Course Description

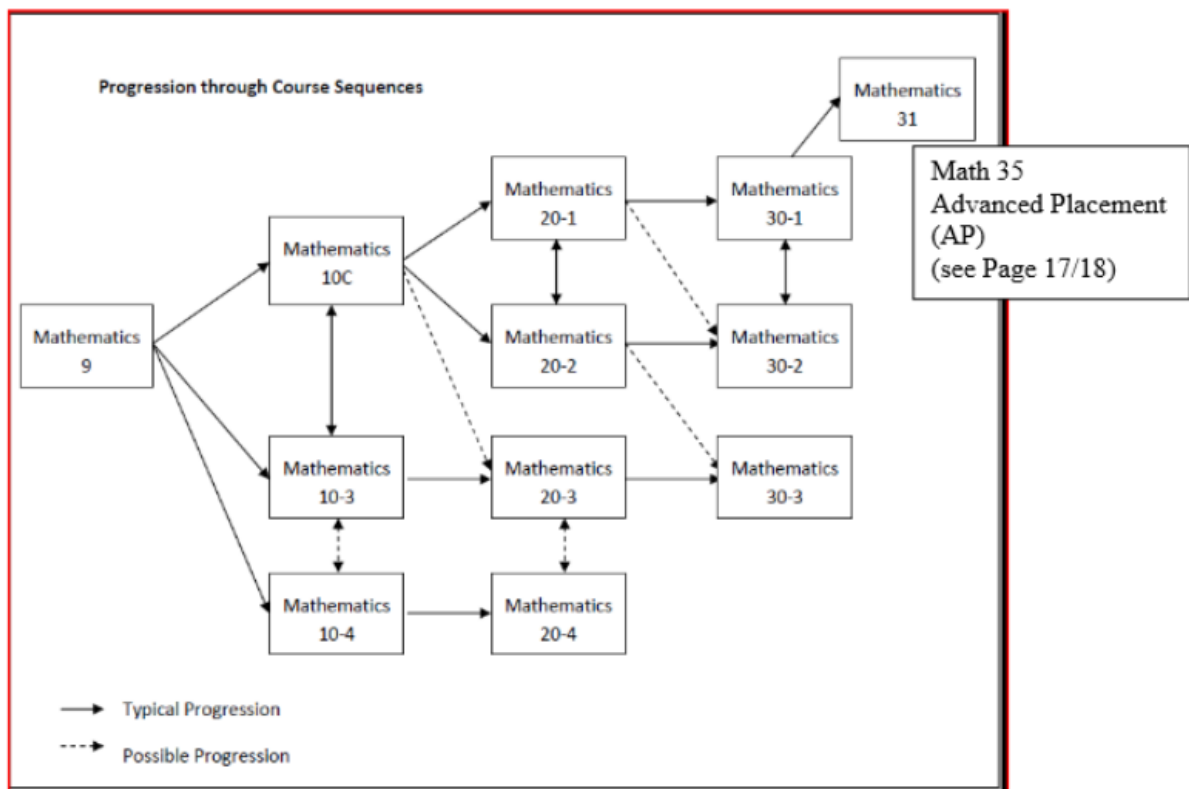
Mathematics 20-1 is ideal for students planning on taking calculus in university, a degree in engineering, business, medicine or sciences. Mathematics 20-1 consists of three sections namely: Algebra and Number, Trigonometry and Relations & Functions. In each unit of study the primary focus will be on written and technology-based exercises, problem solving, and communicating mathematical concepts.

The following is a schedule for the 5 units that we will cover in Math 20-1:

1. Radical Expressions & Equations
2. Rational Expressions & Equations
3. Quadratic Function & Equations
4. Factoring, Functions & Inequalities
Arithmetic & Geometric Sequences
5. Trigonometry

As you can see from the diagram below, the content of the three course sequences (-1, -2, -3) differ so students gain necessary

knowledge, skills and attitudes to be successful both in the workplace and in a variety of post-secondary programs.



Alberta Education Program of Studies for Math 20-1 can be found at:

<https://education.alberta.ca/media/564028/math10to12.pdf>