

Course: History of Mathematics 11

Course Format: Online

Credits: 4

Description: The goal of this course is to provide students with a background into the historical development of Mathematics from early number counting to the integral role Mathematics now plays in our society. Through these investigations we will further the mathematical understandings and critical-thinking skills needed for direct entry into the work force.

Content Learning Standards:

- Number: financial literacy: investments and loans; personal budgeting and planning for significant life purchases
- Computational Fluency: puzzles and games for computational fluency; Number and Number systems & Cryptography
- Patterning, Algebra & Geometry
- Data and Probability: how statistics and probability were developed
- Focus on the development of Mathematics for society through tools & technology
- Financial literacy: regardless of the course selections made by students, there is a common experience in Mathematics that includes financial literacy
- First Peoples perspectives are reflected throughout the learning standards

Curricular Competency Development Learning Standards:

- Reasoning and modelling
- Understanding and solving
- Communicating and representing
- Connecting and reflecting

After successful completion of the History of Mathematics 11 course a student will have furthered their conceptual knowledge and skill set. This will be useful for them moving forward to some postsecondary institutions and/or directly into the workforce.

Recommended Prerequisite: Mathematics 10 Workplace or Foundations of Mathematics and Pre-calculus 10

Resources: Online course materials

