



## Mathematics-3

Once you successfully complete Mathematics 10-3 or Mathematics 10C, you will need to decide which course sequence will meet your needs during the rest of your high school career and beyond. Whether you plan on pursuing further studies or entering the workforce directly, the revised Mathematics Program is designed to help you develop the appropriate skills.

*There is a mathematics course that will meet your needs, no matter how your plans change.*



### Who should take the Mathematics-3 course sequence?

- *Mathematics-3 is designed for students who want to learn the mathematics needed to enter most trades or want to enter the workforce after high school.*
- *Most apprenticeship training programs in Alberta will recommend students successfully complete Mathematics 30-3. However, a small number of apprenticeship training programs may require students to complete the -2 course sequence in order to meet the mathematics entrance level competencies for those trades. Further information regarding apprenticeships can be found at: <http://www.advancededandtech.gov.ab.ca/planning.aspx>.*
- *You should always check the most up-to-date information on post-secondary mathematics entrance requirements, which is available on the Alberta Learning Information Service (ALIS) website and directly from the institutions themselves.*



## What will I learn in Mathematics-3?

- You will use SI and imperial measures and apply them in 2-D and 3-D situations.
- You will extend your knowledge of trigonometry to include Sine and Cosine Laws to solve problems.
- You will learn and apply spatial, proportional and logical reasoning to solve problems.
- You will explore financial topics including personal finance and basic small business operations.
- You will apply basic statistics and probability concepts to solve problems.

## What do I do if my interests or future plans change?

- The Grades 10-12 Mathematics Program was designed to be *flexible* and to support student needs.
- If you develop new interests or post-secondary goals, you can transition to the -1 course sequence or -2 course sequence through Mathematics 10C.
- No matter how your plans change, there is a mathematics course that will meet your needs.