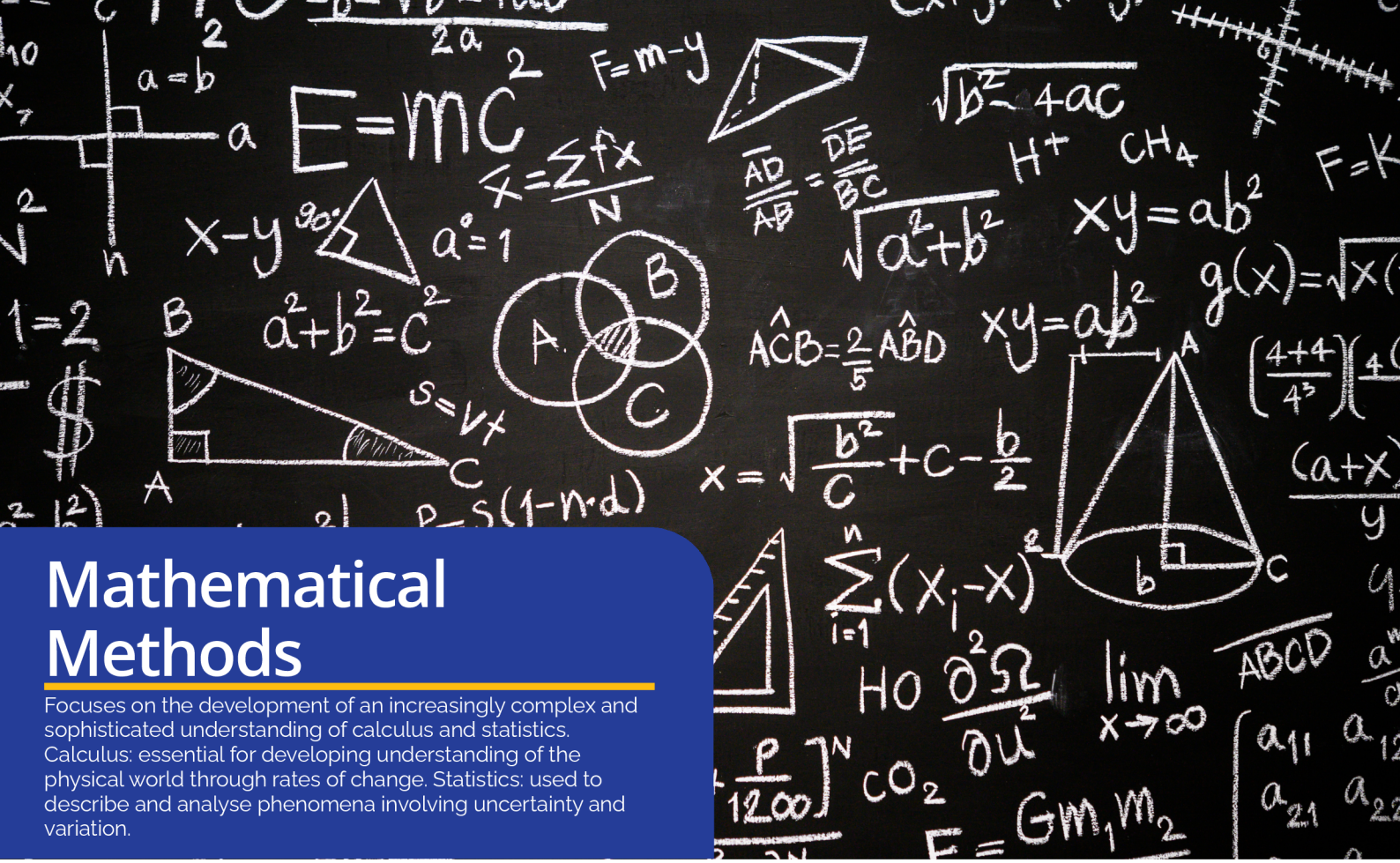


Mathematical Methods

Focuses on the development of an increasingly complex and sophisticated understanding of calculus and statistics. Calculus: essential for developing understanding of the physical world through rates of change. Statistics: used to describe and analyse phenomena involving uncertainty and variation.

Northern Adelaide Senior College

PREREQUISITES:

- FOR STAGE 2, SUCCESSFUL COMPLETION OF STAGE 1 MATHEMATICAL METHODS

WHAT WILL YOU LEARN?

1. Explore, describe, and explain aspects of the world around you mathematically.
2. Gain a conceptual grasp of calculus and use its techniques in applications.
3. Develop a basic understanding of how and why statistical decisions are made.

Assessment Overview		
Stage 2	50% - Skills & Applications Tasks 20% - Mathematical Investigation 30% - Examination	Students complete assessments through supervised skills and applications tasks, a mathematical investigation, and an external examination.

VOCATIONAL PATHWAYS

- Certificate III in Engineering
- Certificate IV in Building Design Drafting
- Diploma of Electronics & Communications Engineering

TERTIARY PATHWAYS

- Bachelor of Civil Engineering
- Bachelor of Teaching
- Bachelor of Medical Studies

CAREERS

- Engineer
- Astronomer
- Mathematician
- Medical Scientist
- Industrial Designer

① NOT AVAILABLE AT STAGE 1

② SACE STAGE 2 | 20 CREDITS FULL YEAR

ATAR SUBJECT