Essential Mathematics

Course length: Full year
Credit value: 20 credits

Advice to students
Essential Mathematics offers senior secondary students the opportunity to extend their mathematical skills in ways that apply to practical problem-solving in everyday and workplace contexts. Students apply their mathematics to diverse settings, including everyday calculations, financial management, business applications, measurement and geometry, and statistics in social contexts.

In Essential Mathematics there is an emphasis on developing students’ computational skills and expanding their ability to apply their mathematical skills in a flexible and resourceful way.

Students need to have completed Stage 1 Essential Mathematics A and B at a satisfactory level to complete Stage 2 Essential Mathematics.

Course overview
Topic 1: Scales, plans and models
Topic 2: Measurement
Topic 3: Business applications
Topic 4: Statistics
Topic 5: Investments and loans

Assessment
• 4 skills and applications tasks 30%
• 3 folio tasks 40%
• Examination (2 hours) 30%

Pathways
This subject is intended for students planning to pursue a career in a range of trades or vocations.