Mathematical Methods

Level: Stage 2

Course length: Full year

Credit value: 20 Credit points

Advice to students
A sound knowledge of SACE Stage 1 Mathematical Studies or equivalent is desirable. The use of a graphics calculator is required.

Course overview
- Topic 1: Working with Statistics
- Topic 2: Algebraic Models from Data – Working from Observation
- Topic 3: Calculus – Describing Change
- Topic 4: Linear Models – Managing Resources

Assessment
Students should provide evidence of their learning through eight to ten assessments, including the external assessment component.
Students undertake:
- at least six skills and applications tasks
- At least two investigations for the folio
- one examination

School-based assessment
- Skills and Applications 45%
- Folio 25%

External assessment
- Examination (3 hours) 30%

Pathways
The successful completion of Mathematical Methods can provide pathways into university courses in accounting, management, computer studies, health sciences, business, commerce, psychology and some engineering courses.

Further information
TI graphics calculators can be supplied for use in class.