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# VCE UNITS INFORMATION

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## VCE MATHEMATICAL METHODS UNITS 3 AND 4 CONTINUED

### ASSESSMENT

School Assessed Coursework will contribute 17% to the study score for each of Units 3 and 4. This comprises an Application Task in Unit 3 and 2 modelling or problem solving tasks in Unit 4.

The level of achievement for Units 3 and 4 will also be assessed by two end-of-year examinations. The examinations will contribute 22% and 44% respectively.

#### Examination 1

This examination comprises short-answer and some extended-answer questions covering all areas of study in relation to Outcome 1. It is designed to assess students' knowledge of mathematical concepts, their skills in carrying out mathematical algorithms without the use of technology and their ability to apply concepts and skills. The examination will be of one hour duration and no technology (calculators or software) or notes of any kind are permitted. A sheet of formulas will be provided with the examination.

#### Examination 2

This examination comprises multiple-choice questions and extended-answer questions covering all areas of the study in relation to all three outcomes, with an emphasis on Outcome 2. The examination is designed to assess students' ability to understand and communicate mathematical ideas, and to interpret, analyse and solve both routine and non-routine problems. The examination will be of two hours duration and student access to an approved technology with numerical, graphical, symbolic and statistical functionality will be assumed.