# School-developed Learning and Assessment Plan form

Stage 2 Mathematical Methods

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| School |  | | Teacher(s) |  |
| Other schools using this plan | |  | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SACE school code | | |  | Year |  | Enrolment code | | | | |  | Program variant code (A–W) |
| Stage | Subject code | | | No. of credits (10 or 20) |
|  |  |  |  | **2** | **M** | **H** | **S** | **20** |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| School use only   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Approved |  | Not approved |  |  |      |  |  |  |  | | --- | --- | --- | --- | | Signature of Principal/delegate |  | Date |  | |

Addendum

Please only use this section for any changes made after the learning and assessment plan has been approved.

Changes made to the learning and assessment plan

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| Describe any changes made to the pre-approved learning and assessment plan to support students to be successful in meeting the requirements of the subject. In your description, please explain:  what changes have been made to the plan  the rationale for making the changes  whether these changes have been made for all students, or for individuals within the student group. |

Endorsement of changes

The changes made to the learning and assessment plan support student achievement of the performance standards and retain alignment with the subject outline.

|  |  |  |  |
| --- | --- | --- | --- |
| Signature of principal or delegate |  | Date |  |

# Assessment overview

Stage 2 Mathematical Methods – 20 credits

Complete the table below to show details of the planned tasks. Use numbers to show where students will have the opportunity to provide evidence for each of the specific features for all assessment design criteria.

Assessment Type 1: Skills and Applications Tasks – weighting 50%

|  |  |  |  |
| --- | --- | --- | --- |
| Assessment details | Assessment design criteria | | Assessment conditions  (e.g. task type, word length, time allocated, supervision) |
| CT | RC |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
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|  |  |  |  |

Assessment Type 2: Mathematical Investigation – weighting 20%

|  |  |  |  |
| --- | --- | --- | --- |
| Assessment details | Assessment design criteria | | Assessment conditions  (e.g. task type, word length, time allocated, supervision) |
| CT | RC |
|  |  |  | Appropriate investigation report format as described in the Mathematical Methods subject outline.  Maximum of 12 single-sided A4 pages. |

External Assessment: Examination – weighting 30%

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| --- | --- |
| Assessment details | Assessment conditions  (e.g. task type, word length, time allocated, supervision) |
|
| External Assessment | 130-minute external examination (from November 2020)  Access to electronic technology required.  Students may refer to two unfolded A4 sheet (four sides) of hand-written notes.  A formula sheet is included in the examination booklet.  The examination is based on the key questions and key concepts in the six topics.  The examination consists of a range of problems, some focusing on knowledge, and routine skills, and applications, and others focusing on analysis and interpretation. Some problems may require students to interrelate their knowledge, skills, and understanding from more than one topic. Students provide explanations and arguments, and use correct mathematical notation, terminology, and representations throughout the examination. |

*Seven or eight assessments.**Please refer to the Stage 2 Mathematical Methods* *subject outline*