



ACER

The Australian Council for Educational Research (ACER) is a not-for-profit independent organisation and is one of the world's leading providers of research-based educational advice, products and services. ACER develops and delivers customised assessment programs that are valid, reliable and relevant to the target population.

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AMAIS

ACER Mathematics Assessment for
Incoming Students

What is AMAIS?

The ACER Mathematics Assessment for Incoming Students (AMAIS) is an online diagnostic test designed by the Australian Council for Educational Research (ACER).

AMAIS provides useful diagnostic information in the form of individual and group reports and has been developed to assist with the placement of students into appropriate mathematics streams at pre-tertiary and tertiary level.

AMAIS is a valid and secure assessment tool that assesses competency in six broad content areas:

- Algebra
- Geometry and Measurement
- Functions and Graphs
- Number
- Probability and Statistics
- Rates of Change and Calculus

AMAIS is a one-hour online test that consists of both multiple-choice and closed short-answer questions. The course level of each test question is identified as being fundamental, intermediate or advanced¹. Student responses are scored automatically at the end of the test so that results are available immediately.

Why use AMAIS?

Selection and placement

- identifies strengths and weaknesses in mathematics knowledge
- supports course selection and student placement decisions

Ease of access

- available worldwide
- complete flexibility with testing date and time

Quality of content

- sound psychometric properties
- content is consistent with most international ISCED level 3 mathematics curricula
- appropriate readability

Reporting

- results and reports are available immediately
- individual diagnostic reports
- group reports identify and summarise strengths and weaknesses

Sample reports may be viewed on the AMAIS website

www.acer.edu.au/tests/amais.

Test administration

- a test administration manual is provided for supervisors
- can be administered by individual Universities and Foundation Colleges
- can be administered to any group size

Sample questions

Sample questions may be viewed at the AMAIS website.

Test fee

Test fee includes:

- the provision of the test
- support for the administration of the test (including instructions for supervisors)
- scoring of the test
- analysis and reporting of student results

For details of the test fee, please visit the AMAIS website.

¹ For a description of the three course levels please visit the AMAIS website.