



Evans High School

Mathematics standard

WHAT IS THIS COURSE ABOUT?

Mathematics Standard is designed to provide an appropriate mathematical background for students who wish to enter occupations that require the use of a variety of mathematical and statistical techniques. Students will learn to use a range of techniques and tools to develop solutions to a wide variety of problems related to their present needs and aspirations.

Mathematics Standard focuses on mathematical skills and techniques, which have direct application to everyday activity. Students will need to attend 120 hours of lessons in both years 11 and year 12 in order to cover the course content and satisfy the NESA requirement to be eligible to sit for the Higher School Certificate.

The course is fully prescribed and is designed to support TAFE and other vocational courses.

Note: There is a \$20.00 contribution fee for students choosing this course, which includes registration to Maths Online.

WHAT WILL BE STUDIED?

Preliminary Course

- Four strands:
 - Financial Mathematics
 - Statistical Analysis
 - Measurement
 - Algebra

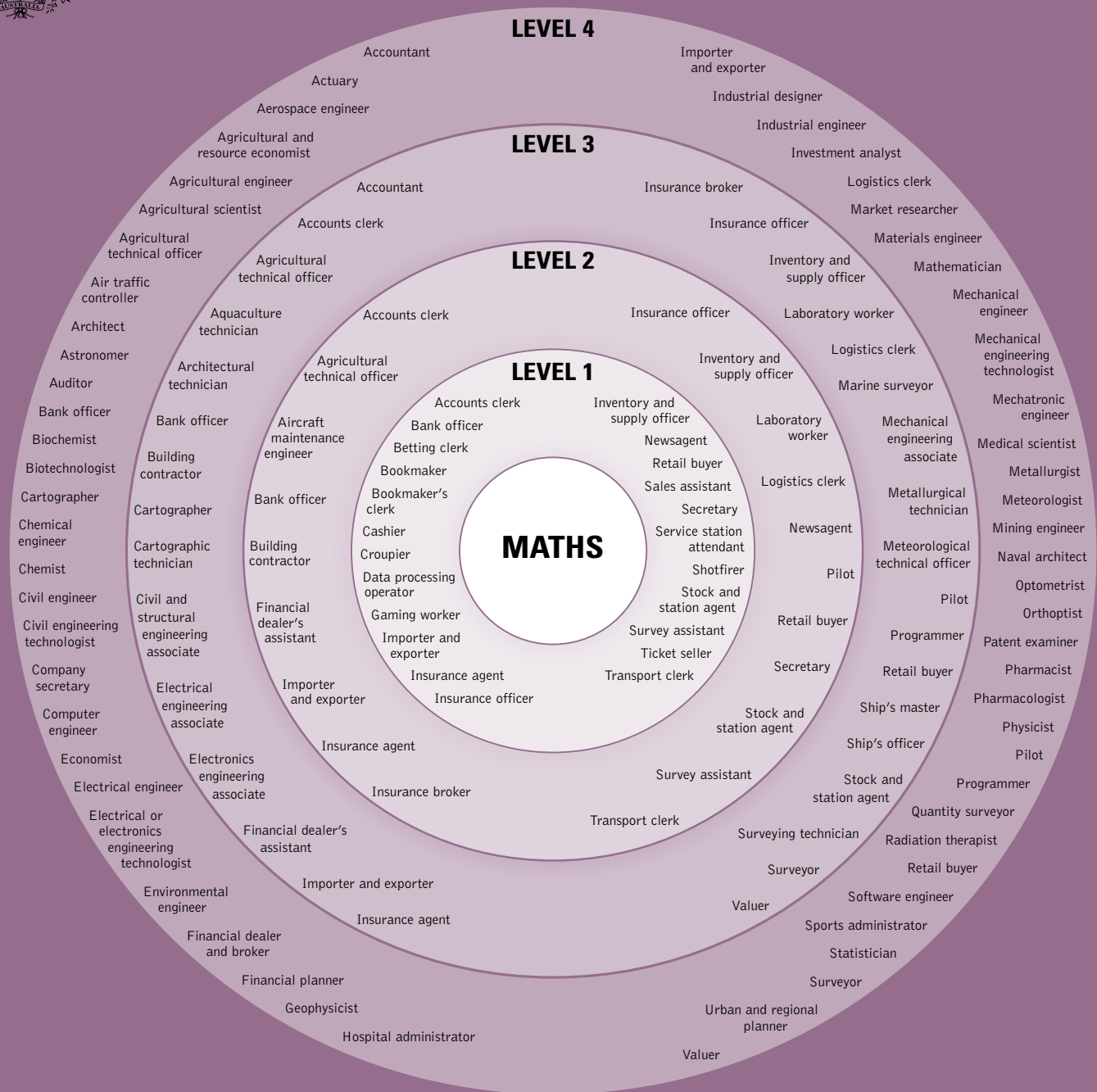
HSC Course

In Year 12 Mathematics Standard is divided into Mathematics Standard 2 (ATAR) and Mathematics Standard 1 (Non-ATAR).

- The HSC Mathematics Standard 1 (Non-ATAR) course has been written to meet the needs of students who have demonstrated competence in the Preliminary Mathematics General course. It consists of the same four strands in the Preliminary Course, as well as the fifth strand, Networks
- The HSC Mathematics Standard 2 (ATAR) course has been written on the assumption that students have demonstrated a high level of competence in the Preliminary Mathematics Standard course. It consists of the same four strands in the Preliminary Course, as well as the fifth strand, Networks

What do students need to do to get the Higher School Certificate in this course?

Students must satisfactorily complete all course and assessment requirements. Students selecting HSC Mathematics Standard 2 must sit for a two and a half hours written examination paper at the Higher School Certificate.



Do you enjoy or are you good at MATHS?

Have you considered the occupations above?

Usual training requirements

- LEVEL 1** Usually has a skill level equal to the completion of Year 10, the Senior Secondary Certificate of Education, Certificate I or Certificate II qualification. Australian Apprenticeships may be offered at this level.
- LEVEL 2** Usually has a skill level equal to a Certificate III or IV or at least three years relevant experience. Australian Apprenticeships may be offered at this level.
- LEVEL 3** Usually requires a level of skill equal to a Diploma or Advanced Diploma. Study is often undertaken through TAFEs or Registered Training Organisations. Some universities offer studies at this level.

LEVEL 4 Usually requires the completion of a Bachelor Degree or higher qualification. Study is often undertaken at university.

This chart shows a selection of jobs that have some relation to the subject of **MATHS**.

The four education and training levels are to be used as a guide only. These levels indicate the most common education and/or entry requirements for these jobs.

For further information visit www.jobguide.education.gov.au and www.myfuture.edu.au

