

School administrators, Heads of Learning Area – Mathematics and teachers of Mathematics Specialist ATAR Year 12 are requested to note for 2023 the following minor syllabus changes. The syllabus is labelled as 'For teaching from 2023'.

Syllabus changes

The content identified by ~~strikethrough~~ has been deleted from the syllabus and the content identified in *italics* has been revised in the syllabus for teaching from 2023

3.3.1 - *Define the concept of a vector in three dimensions, using the unit vectors \mathbf{i} , \mathbf{j} and \mathbf{k} , determining magnitude, scalar(dot) product and parallel and perpendicular vectors* ~~review the concepts of vectors from Unit 1 and extend to three dimensions, including introducing the unit vectors \mathbf{i} , \mathbf{j} and \mathbf{k}~~

4.1.5 - calculate the area between curves ~~defined~~ *determined* functions of the form $y = f(x)$ or $x = f(y)$

4.1.7 - use technology *to evaluate integrals numerically* ~~with numerical integration~~

Glossary

The following definition has been amended:

Rational function

Function replaced with $R \setminus \{x: h(x) \neq 0\}$

~~$R \setminus \{x: h(x) \neq 0\}$~~