

# Mathematics Standard

Friday 23 June

## Course Descriptions

NESA have released course descriptions for

[Standard 1](#)

and

[Standard 2](#)

## Some items to note:

Preliminary/HSC has re-appeared:

“2 units Year 11 (Preliminary) and Year 12 (HSC).”

There is a statement to clarify the consequence of following the  $\diamond$  pathway:

“Students who have followed the Mathematics Standard  $\diamond$  pathway in Year 11 **are encouraged to study** the Mathematics Standard 1 Year 12 course.”

Meaning there is scope for a student to revert to Standard 2.

From the Standard 1 page: “Students studying the Mathematics Standard 1 course may elect to undertake an optional HSC examination. **The status of ATAR eligibility is not yet determined.**”

## Assumed knowledge has changed

### SYLLABUS

PAGE 11

Building on Mathematics Learning in Stage 5

### Mathematics Standard

All substrands of Stage 5.1 and with the following substrands of Stage 5.2:

- Financial mathematics
- Linear relationships
- Non-linear relationships,
- Right-angled triangles (Trigonometry)
- Single variable data analysis
- Probability

**Considered implicit in this syllabus**

### COURSE DESCRIPTION

The Mathematics Standard 1/2 Year 11 course has been developed on the **assumption** that students have studied the content and achieved the outcomes of the NSW Mathematics Years 7–10 Syllabus and in particular, the content and outcomes of all substrands of Stage 5.1 and the following substrands of **Stage 5.2**:

- Area and surface area
- Equations
- Financial mathematics
- Linear relationships
- Non-linear relationships
- Right-angled triangles (Trigonometry)
- Single variable data analysis
- Probability
- Volume