

# Year 11 Specialist Math Subject Guide

## What you need to bring to every class

- 1 summary book
- 1 work book
- Textbook
- **CAS calculator**

## Rules

- Do not speak while teacher or anyone else is addressing the class
- Bring required materials to class
- Be productive in class
- Complete the minimum set questions
- Be on time to class

## Disciplinary Procedures

- Breaking any of the above rules will result in a strike. Receive 3 strikes in a week and you will receive a lunchtime detention.
- Failure to attend will result in a PD

## Graded Assessments

- 4-5 SACs per semester
- 1 exam per semester

## Non-Graded Assessments

- Textbook questions
- Additional worksheets, practice SACs and practice exams

Failure to make a **reasonable attempt** at least **100%** of the non-graded assessments by the due date will result in an afterschool catch up class

## Satisfactory completion

- To receive an 'S' for a Unit you must receive an 'S' for outcome 1, 2 & 3 in that Unit.
- In practice,
  - if you achieve 30%+ on every SAC you will pass
  - if you fall just below 30% for a particular SAC you can still pass if you can demonstrate based on your bookwork for that topic that you
    - Understand the procepts (process + concepts) (Outcome 1)
    - Can apply the procepts (Outcome 2)
    - Can you CAS to apply the procepts (Outcome 3)

## Bookwork requirements

- All multiple choice questions must show working. Even if it is simply a sentence explaining your reasoning
- All graphs must be legible, accurately scaled and fully labeled (axes, axis intercepts, intersection points, stationary points, asymptotes, etc.)
- Mathematical statements must use correct notation and be laid out correctly
- All working must be shown, especially for 'show that' and 'prove' questions
- For questions completed using CAS, the working shown will be the appropriate algebraic step, put CAS commands elsewhere in your notes
- Any variables you created must be defined
- Any diagrams you draw must be labelled

## Values and expectations

- Dogged determination – Until I understand a problem, I will not rest, eat or sleep. I will keep asking until I understand.
- Collaboration – I will support others in their quest to understand and in doing so will reinforce my own learning.
- Focus – When I am working, I will stay 100% focused and work at 100% efficiency.
- Consistent work ethic – When I miss school I will **proactively** catch up, I will not allow myself to fall behind.