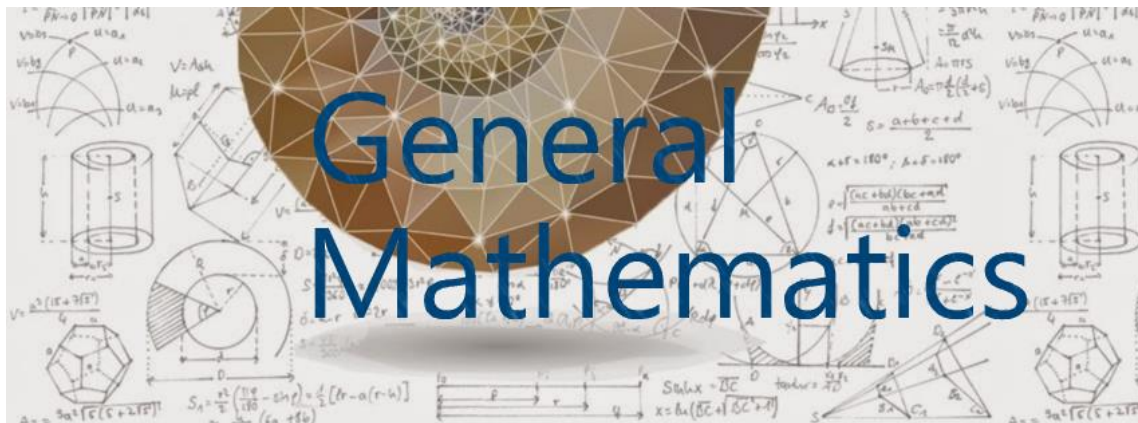


15 TCE Points



You will work through the following units as part of General Mathematics 2

Unit 1: Algebra and matrices

Apply matrix calculations and algebraic techniques to model information and solve problems.

Unit 2: Linear equations and their graphs

Represent real-world situations using linear equations.

Solve simultaneous equations graphically and algebraically.

Unit 3: Consumer arithmetic

Solve problems involving financial concepts like wages, interest, exchange rates and budgets.

Unit 4: Shape and measurement

Solve problems involving perimeter, area, surface area and volume.

Select and apply Pythagoras's theorem and trigonometry to find unknown values.

Unit 5: Univariate data analysis

Collect, organise and classify data. Visualise data and make statistical inferences.

How you will be assessed:

Common types of internal assessments are:

- Assignments
- Investigations
- End-of-unit tests

You will need the following skills be successful in this subject:

- *Numeracy and Literacy* - interpreting and communicating mathematical ideas and information
- *Critical thinking* - investigating, representing and analysing real-life situations to solve problems
- *Digital literacy* - using technology as a tool to solve problems and visualise data

COMPLETION OF WORK

Assessment due dates are provided in the Program of Learning and on Canvas. Work must be submitted by the due date unless an approved extension has been granted. Unapproved late submissions will incur penalties as outlined in the *Completion of Work Policy*. Students needing extensions should contact their subject teacher before the due date with valid reasons, such as illness or unforeseen circumstances.

For more details refer to the Launceston College: [Completion of Work Policy](#).

ACADEMIC INTEGRITY

All senior secondary students in Tasmania are expected to uphold academic integrity, meaning they complete their work honestly and fairly. This includes properly referencing any ideas, images, or information borrowed from others, allowing teachers to distinguish between original and sourced content.

Assignments will be submitted through Canvas, email, hard copy as directed in the task sheet.

For more details, refer to the Launceston College: [Academic Integrity Policy](#).

COURSE DOCUMENT

The TASC website provides considerable information about the course: [General Mathematics - TASC](#)

OTHER COURSE REQUIREMENTS

All textbooks are provided in class. The books used in this course are:

- General Maths Topic Compendiums by John Short

Calculator

It is recommended that students have their own scientific calculator for use at home and in class. Class sets of the Casio Classpad 330 are available for use in class.

Stationery

You will need a good supply of general stationery items such as:

A4 exercise books, graph paper, pens, pencils, eraser, protractor and ruler.

WEEK	DATE MONDAY	PROGRAM OF LEARNING 2025		
1	3-Feb	C5 Algebra Revision		Year 11 & 12's Thursday Feb 6
2	10-Feb	C5 Algebra Revision		
3	17-Feb	C5 Matrices		
4	24-Feb	C5 Matrices	C1,2,5 Assignment - Minor	Launceston Cup Wed Feb 26
5	3-Mar	C5 Matrices	C1,5 Test - Major	
6	10-Mar	C6 Linear Equations and their graphs	C1,2,6 Assignment 1 - Minor	Eight Hour Day March 10
7	17-Mar	C6 Linear Equations and their graphs	C1,2,3 Rope Investigation - Minor	
8	24-Mar	C6 Linear Equations and their graphs	C1,2,6 Assignment 2 - Minor	
9	31-Mar	C6 Linear Equations and their graphs		
10	7-Apr	C6 Linear Equations and their graphs	C1,6 Test - Major	
		April 12 – April 27 – TERM 1 HOLIDAYS		Good Friday April 18 Anzac Day Friday April 25
1	28-Apr	C3 Linear Equations Investigation		
2	5-May	C3 Linear Equations Investigation	C1,2,3,4 - Major	
3	12-May	C6 Consumer Arithmetic		
4	19-May	C6 Consumer Arithmetic	C1,2,6 Assignment 1 - Minor	
5	26-May	C6 Consumer Arithmetic		
6	2-Jun	C6 Consumer Arithmetic	C1,2,6 Assignment 2 - Minor	
7	9-Jun	C6 Consumer Arithmetic		King's Birthday Mon June 9
8	16-Jun	C6 Consumer Arithmetic	C1,6 Test - Major	Orientation Day Tue June 17 Mid-year Exams June
9	23-Jun	C8 Measurement		Mid-year exams Finish June
10	30-Jun	C8 Measurement		
		July 5 – July 20 – TERM 2 HOLIDAYS		
1	21-Jul	C8 Measurement	C1,2,8 Assignment 1 - Minor	
2	28-Jul	C8 Measurement		
3	4-Aug	C8 Measurement	C1,8 Measurement Test – Major	Production Week August?
4	11-Aug	C7 Data Analysis		
5	18-Aug	C7 Data Analysis	C1,2,7 Assignment 1 - Minor	
6	25-Aug	C7 Data Analysis	C1,2,7 Assignment 2 - Minor	
7	1-Sep	C7 Data Analysis		
8	8-Sep	C3 Data Investigation		
9	15-Sep	C3 Data Investigation	C1,2,3,4 - Major	
10	22-Sep	C7 Data Analysis	C1,7 Test - Major	
		September 27 – October 12 – TERM 3 HOLIDAYS		Launceston Show Oct 9
1	13-Oct	C8 Measurement (Trigonometry)		
2	20-Oct	C8 Measurement (Trigonometry)	C1,2,8 Assignment 2 - Minor	
3	27-Oct	C8 Measurement (Trigonometry)	C1,8 Trig Test – Major	Moderation Day (LC Students work from home) Fri Oct 31
4	3-Nov	C8 Measurement (Trigonometry)		Recreation Day Mon Nov 3 Classes finish Friday Nov 7
	10-Nov	TASC EXTERNAL EXAMS		Start Monday 10 th Nov

Individual classes may alter the unit timing/order of units/ assessment tasks used.

ASSESSMENT

Criterion-based assessment helps students see how well they're meeting course outcomes at the end of their study. While there is continuous feedback to guide learning, final assessments focus on showing what students have achieved by the end. Ratings are given as 'A', 'B', or 'C', based on course standards. A 't' indicates partial achievement below a 'C', and a 'z' means no evidence provided.

Schools follow TASC's quality assurance to keep standards consistent.

More details are on the [TASC website](#). Final awards are based on both internal and TASC-supervised external assessments.

Criteria

General Mathematics MTG215123 Assessment is based on students' ability to satisfy the following 8 criteria.

1. **communicate** mathematical ideas and information and apply mathematical **conventions**
2. manage and take responsibility for **learning** and evaluate mathematical development
3. apply mathematical and statistical models to **investigate**, represent and **analyse** real-world situations and **solve problems**
4. **use digital technology** and other sources to develop mathematical ideas and find solutions to mathematical problems
5. interpret concepts and apply mathematical techniques to solve problems involving **algebra and matrices**
6. interpret concepts and apply mathematical techniques to model and solve problems involving **linear equations** and **finance** in a variety of contexts
7. interpret concepts and apply mathematical techniques to solve problems involving **univariate data analysis** using the **statistical investigation process**
8. interpret concepts and apply mathematical techniques to solve problems involving **right-angled trigonometry, shape and measurement** in a variety of contexts.

Award Requirements

Your overall award will be determined by TASC from the final ratings for the 8 criteria ratings.

EXCEPTIONAL ACHIEVEMENT (EA)

6 'A' ratings, 2 'B' ratings

HIGH ACHIEVEMENT (HA)

3 'A' ratings, 4 'B' ratings, 1 'C' rating

COMMENDABLE ACHIEVEMENT (CA)

4 'B' ratings, 3 'C' ratings

SATISFACTORY ACHIEVEMENT (SA)

6 'C' ratings

PRELIMINARY ACHIEVEMENT (PA)

4 'C' ratings

A learner who otherwise achieves the ratings for a CA (Commendable Achievement) or SA (Satisfactory Achievement) award but who fails to show any evidence of achievement in one or more criteria ('z' notation) will be issued with a PA (Preliminary Achievement) award.