Unilearn
Your path to university

Introductory Mathematics

tafe Queensland

26 week STUDY PLAN

Week	Module/Topic	Student focus	Hours*
1	**Introduction**	Familiarise yourself with the online learning environment. Read through the getting started section. Email your teacher. Post in the discussion board. Prepare your materials (ie, buy a calculator). Purchase textbook if you desire.	6
2	**Module 1** – Topic 1: working with numbers	Identify the terminology and check the supplementary resources section. Start Module one: Check the errata sheet and begin working through the textbook (TB). Activities:1.1 – 1.10	8
3	Module 1 – con't	Activities: 1.10 – 1.21;	8
4	Module 1 – con't	**Activities: 1.22-1.39; Progress Test 1**	10
5	Topic 2: Working with percentages	Activities: 1.40 – 1.54;	8
6	Topic 3: Working with geometry; Topic 4: Working with ratios and trigonometry	**Topic 2 - Progress Test 2.** **Start topic 3:** Activities: 1.55- 1.61	10
7	Continue Topic 4:	**Activities: 1.62-1.66. Progress Test 3**	10
8	**Module 2**: Topic Formulae and Equations	Activities: 2.1- 2.11; **Progress Test 1-Mod 2**	10
9	Topic 2: Powers, Scientific Notation, and the Metric system	Activities: 2.12- 2.21;	8
10	Topic 2 and 3	Activities: 2.22- 2.32**. Progress Test 2 – Mod 2**	10
11	**Break – catch up week**		
12	**Module 3** Topic 1: The rules of algebra. Topic 2: Linear Equations and applications	Activities: 3.1 – 3.20	8

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13	Topic 3: Graphs of Equations	Activities 3.21 -3.40 **Progress Test 1 – Module 3**	10
14	**Start Module 4** Topic 1: Functions	**Activities: 4.1 – 4.7**	6
15	Topic 2: Quadratic Functions	Activities: 4.8 – 4.17; **Progress Test 1 – Module 4**	8
16	Topic 3: Exponential functions and logarithms	**Topic 3 activities:** 4.18– 4.25;	8
17	Topic 3 con't; Topic 4: Matrix Algebra	Activities: 4.26 **Progress Test 2 – Module 4:** Topic 4: Matrix Activities: 4.36 - 4.43	10
18	Matrix multiplication	**Activities: 4.44 -4.51 Progress test 3 - Module 4:**	10
19	**Start Module 5** -Topic 1: Terminology and data collection. Topic 2: representing data	Activities: 5.1 – 5.10	8
20	Topic 2 con't and Topic 3: Summarising data;	Activities: 5.10 - 5.20	8
21	Topic 4: Exploring bivariate data	Activities: 5.22 – 5.24; **Module 5 Progress Test 1**	10
22	**Catch up week**		
23	Revision	Revise activities and Progress tests where you encountered problems. Look at the questions you got wrong. Notify Unilearn about the date for your final exam and your supervisor.	12
24	Specimen Exam	Study for and prepare to sit the Specimen exam. It takes 2 hours. When doing it identify areas you're not confident in.	12

Updated 26th February 2018: LP

25	revision	Use the feedback from the Specimen exam to revise areas where you went wrong.	12
26	Final Exam and revision		10

*Hours: The curriculum is designed for a student to require approximately 220 hours to complete the course. The hours broken down per week are to be used as a guide; some students may need to spend more time on topics to ensure understanding.

Assessment:

Progress Tests: 10%

Final Exam: 90% *(Students are permitted to sit the final exam on two extra occasions if they fail the first time.)*

NOTE: this course can not be completed in less than 18 weeks.