

Mathematics Bridging Program

THE MATHEMATICS LEARNING UNIT
GRIFFITH SCHOOL OF ENVIRONMENT
Gold Coast campus
GRIFFITH UNIVERSITY QLD 4222

COURSE INFORMATION

Course Duration:

The Mathematics Bridging Program is self-paced and individualized. You can commence the course **at any time**. A weekly 3 hour tutorial runs continuously from Monday, 20 February to Monday, 12 November 2012.

Tutorial Time:

Monday nights, 6:00pm to 9:00pm

Tutorial Location:

G01 (Business 1 Building) Room 1.01B
Griffith University - Gold Coast campus
Parklands Drive, Southport
Campus map:

<http://www.griffith.edu.au/ofm/parking/>

Cost – Tutorials:

Initial (\$200) –Block of 10 tutorials,
Additional blocks as required

Cost – Texts (Module workbooks):

Nil - All texts will be on loan to keep costs low.

Levels:

There are two possible Entry/Exit Levels: Introductory (5 modules) and Senior (4 modules). Most students start at the introductory level.

Normal Class Size:

15 to 20 students

COURSE STRUCTURE

Who is it for?

The Bridging Mathematics program is designed to help you to prepare yourself for further studies that involve mathematics. It is particularly helpful if you have a **weak or non-existent background** in mathematics or if you have not studied mathematics for a long period.

The course is appropriate if you require mathematics as part of your **University or TAFE studies**. You will be encouraged to achieve an appropriate level of mathematics so that you can feel confident in any mathematically-based courses which you wish to take in the future, or which you are concurrently undertaking.

This course is appropriate if you have not completed Mathematics B for the Queensland BSSSS system (or equivalent) and want to undertake a Griffith University course that has a Mathematics B pre-requisite.

How does it work?

The Mathematics Bridging Program is a self-paced course that is designed to be **stress-free**. You work on small modules and, when progress is satisfactory, you move on to the next module. Classes are small to guarantee that you can get immediate help with any problems that you encounter.

Is it recognised?

The Mathematics Bridging Program is recognised by Griffith University and GCIT as a **Mathematics B** equivalent. For all other Queensland universities (except Queensland University), upon completion of all modules, you can take optional examinations, which are recognised by QTAC as equivalent to a satisfactory completion of Mathematics B for the Queensland BSSSS system.

At what Level would I start?

Your entry level will be determined by the results of a pre-test. The following descriptions give an indication of the appropriate Levels required for various courses.

There are two levels (Introductory and Senior). Each level contains various modules (total of nine modules). The follow list contains information on the content of each module.

Introductory Level

Entry into courses like *Psychology, Nursing, Arts, Primary Teaching, Social Sciences, Accounting, Business, and Commercial Computing*.

Modules (5) include: Numbers, Percentages, Equations, Indices, Algebra, Functions and Graphs, Growth and Decay, Matrices, and Statistics.

Senior Level

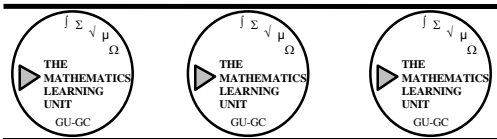
Entry into courses like *Biology, Chemistry, Economics, and Secondary Teaching, Computer Science, Mathematics, Physics, and Engineering*.

Modules (4) include: More Functions and Algebra, Trigonometry, Calculus, Analytic Geometry, and Financial mathematics

At the conclusion of your studies, you will be awarded a **Certificate of Achievement** indicating the level reached. This certificate is recognised by Griffith University and also by GCIT (Gold Coast Institute of TAFE) as a **pre-requisite**.

What about a textbook?

The texts that are used for the course were developed by the Open Learning Network, in conjunction with USQ, Griffith University and the Queensland Government. The texts are available, on loan, from the tutor.



ON COMPLETION

For Griffith University:

If you intend to study Engineering, Science or Information Technology, the pre-requisite is **Mathematics B** (the old Mathematics I). Completing all Levels of this Bridging Program is considered equivalent to Mathematics B. This program will satisfy the Mathematics B pre-requisite for Griffith University courses.

For TAFE (GCIT):

If you are intending to study an Associate Diploma, or a Certificate course, you normally need to complete the Introductory Level but this may vary from course to course and from year to year. Please check with the Mathematics Bridging Course Coordinator before starting this course.

For other Queensland Uni. (Except UQ):

Upon completion of the Senior Level, you can take an optional examination via QTAC (Queensland Tertiary Admissions Centre) to be used when they consider offers of places. For courses requiring Mathematics B, successful completion of these examinations will be regarded as meeting pre-requisites.

Comments from former students in the Mathematics Bridging Program:

*"It's a great way to learn."
"I'm actually enjoying mathematics for the first time!"
"Very flexible."
"If only they'd taught mathematics like this at school..."*

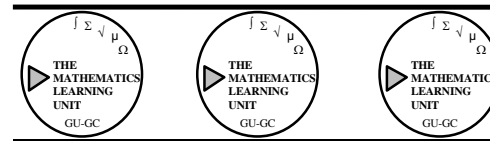
One of the aims of the Mathematics Bridging Program is to help you to develop the **self-discipline** necessary for success at university or TAFE. It is important to **set your goals and keep to them!** Because the Program is not lecture-based, it means you need to *keep yourself going* to be able to finish successfully.

NOTE: You will need a **Scientific Calculator** for the Bridging Program. We recommend either the Sharp EL series or the Casio FX series. Most universities and TAFEs do not allow programmable calculators to be used in examinations.

A **graphics calculator** is very useful for this Program and for later studies, but their cost is usually \$150+ and they are also not allowed in examinations.

REFUND OF FEES

Because of the competitive fee structure for this program and the administrative costs involved in refunds, **a refund will only be made when you cancel your enrolment at least one week prior to the beginning of the course.** Where a refund has been paid, an administrative fee will normally be charged.



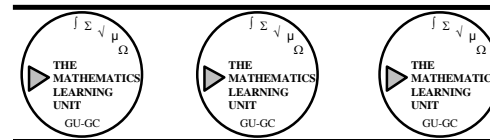
DID YOU KNOW?

We also have other **introductory** courses available, for example in **Chemistry and Mathematics** (at the beginning of each year). These are one week refresher courses to prepare you for University study.

Please contact the School's Administration officer or William Wen - Ph: (07) 555 28064 or (07) 555 28147

Other courses that are available from time to time are physics and computing – please contact Griffith School of Environment 3835 7512 at the Nathan campus.

Many universities suggest that you take these subjects before beginning university (Griffith University is one such university).



WANT TO KNOW MORE?

Please contact
School Secretary or Michael Arthur
Griffith School of Environment
Griffith University - Gold Coast Campus

Ph: (07) 555 28064 or 555 28685
Fax: (07) 555 27785
Email: envgcschoolsecretary@griffith.edu.au

**ENROLMENT PROCEDURE
MATHEMATICS BRIDGING PROGRAM****TO ENROL:**

- Post your completed Enrolment Form together with your cheque or money order to:

Director, Mathematics Learning Unit
Griffith School of Environment
Gold Coast campus
GRIFFITH UNIVERSITY Q 4222

Make cheque out to:
Griffith University, Mathematics Bridging - 2029430

OR

- Pay in person at the Cashier's Office at the Gold Coast Campus with completed Registration form.
(Hours: 9.30 to 4.00; Monday to Friday)

MINIMUM FEE: \$200
(Includes 10 nights' tuition).

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We reserve the right not to offer the course if there are insufficient numbers.

(PTO)

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Registration Details:

(Mr/Mrs/Ms/Miss)_____

Name _____

Address _____

Postcode _____

Telephone

Home: _____ Work: _____

Mobile: _____ Fax: _____

Email _____

Signed _____

Date _____

Enclosed is a cheque for \$ _____.
(MINIMUM \$200)

Please make the cheque payable to:
"Griffith University, Mathematics Bridging - 2029430".

Alternatively, payment can be made at the **Cashier**,
Griffith University - Gold Coast, Ground Floor,
Student Centre, G33.

Cashier's Hours: 9:30am to 4.00pm.

Receipt Number: _____ for \$ _____

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