Mathematics Boot Camp 2020

— Course Information —

Mathematics is either a compulsory or elective component of the first year, first semester teaching program of many of the science degree and science-based degree programs at most tertiary institutions, including Griffith University.

If you have enrolled in one of these degree courses and you have a limited background in Mathematics or you lack confidence in your ability to ‘handle’ algebraic manipulation, we have prepared an intensive revision course. This course is designed for students to gain skills and confidence in the basic Mathematical techniques underlying a typical university Mathematics course.

<table>
<thead>
<tr>
<th>Course Duration:</th>
<th>Four Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
<td>10\textsuperscript{th} – 13\textsuperscript{th} February 2020</td>
</tr>
</tbody>
</table>
| Time:            | Monday 10\textsuperscript{th} Feb to Wednesday 12\textsuperscript{th} Feb, 9:00am to 4:30pm  
                  | Thursday 13\textsuperscript{th} Feb, 9:00am to 2:30pm |
| Venue:           | N78 (Sir Samuel Griffith Centre), room -1.11  
                  | Griffith University – Nathan Campus  
                  | Kessels Road, Nathan, 4111 |
| Fees:            | $170 (Inc. GST) for the entire four-day program |
| Instructors:     | Dr Barbara Johnston, Dr Owen Jepps. |

The program involves:

- *Theory lectures (all notes and materials supplied)*
- *Problem-solving tutorials*
- *Small tutorial class sizes*

This course is primarily aimed at students who would like to improve their confidence in basic algebra. It would also suit those students who have been away from Mathematics for some time and would like to improve their skills.

**Topics covered include:**

<table>
<thead>
<tr>
<th>Basic algebraic manipulation</th>
<th>Manipulation of linear equations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factorisation</td>
<td>Multiplication of factors</td>
</tr>
<tr>
<td>Logarithms</td>
<td>Exponents</td>
</tr>
<tr>
<td>Quadratic equations</td>
<td>Simple applications</td>
</tr>
<tr>
<td>Simplifying algebraic expressions</td>
<td>Simple Trigonometry</td>
</tr>
</tbody>
</table>
What previous participants had to say:

“I had a gap year, so it was a good ‘refresher’, reminded of a lot of forgotten things”

“… started out slow instead of just skipping the basics, which was more helpful … ”

‘They encouraged us to ask questions if we didn’t understand and helped us without making us feel stupid”

“In doing plenty of problems, my confidence boosted and my understanding increased.”

To Enrol:

The website for registration is: https://app.secure.griffith.edu.au/griffithpay/Mathematics-Boot-Camp-.html

Refund of Fees

A refund will only be made when a candidate cancels his or her enrolment at least 3 days prior to the beginning of the course. Where a refund has been paid an administrative fee will be charged.

Enrol before: Thursday 6th February 2020

We reserve the right to cancel the course without notice if there are insufficient numbers, in which case a full refund will be paid.

For further information please contact:

Ms Suzanne Meadows (07-3735 7357)
Dr Barbara Johnston (07-3735 4405) or
Dr Owen Jepps (07-3735 4464)
Email: bridgingandshortcourses@griffith.edu.au

NOTE for students enrolled in 1201SCG (Linear Algebra) only:

For a self-assessment, complete the algebra quiz for which the pass mark is 27 out of 30 (Don’t look at the answers until you have completed the quiz.) This can be found on the Short Course website under the enrolment information for this course. Successful completion of a quiz of this type is a compulsory component of the course 1201SCG (Linear Algebra). If you cannot pass this quiz without difficulty, then you should seriously consider attending the Mathematics Boot Camp. The skills taught in this course will help you successfully complete this quiz and provide you with a sound footing for your Mathematics courses at Griffith University.