



PREPARE NOW FOR SUCCESS

MATHEMATICS METHODS

FOR YEAR 11 & 12 STUDENTS

Key topics of this 12 hour course include:

ACMMM Unit 1, Topic 1: Functions & Graphs

We will look at the features of linear, quadratic, cubic and reciprocal functions, as well as graphs of their transformations.

ACMMM Unit 1, Topic 2: Trigonometric Functions

After reviewing the three key trigonometric ratios (sine, cosine, tangent), we will examine the graphs (including transformations) and equations of $y = \sin x$, $y = \cos x$, and $y = \tan x$.

ACMMM Unit 2, Topic 1: Exponential Functions

ACMMM Unit 4, Topic 1: Logarithmic Functions

As exponentials are the inverse function of logarithms (and vice versa), these will be presented together through a strategic exploration of graphs (including transformations) and equations.

ACMMM Unit 2, Topic 2: Sequences & Series

Students will investigate the topic of mathematical pattern through both arithmetic and geometric sequences and series.

Date: Monday 18, Tuesday 19, Wednesday 20 & Thursday 21 January 2016
Time: 9.00 am – 12.00 pm
Cost: \$130.00

Attend all sessions.

To register, please complete the form overleaf.

Registrations close on Thursday 14 January 2016

NB: Once an enrolment has been confirmed, refunds are not offered for any reason as course fees are set to only cover costs.

MATHEMATICS METHODS FOR YEAR 11 & 12 STUDENTS – \$130.00

9.00 am – 12.00 pm

Monday 18, Tuesday 19, Wednesday 20 & Thursday 21 January 2016

- Individual forms must be completed in full for each attendee.
- Please return the completed form either by email to fremantle.aesc@nd.edu.au or post to the **Academic Enabling and Support Centre, PO Box 1225, Fremantle WA 6959.**
- Payment method is by cheque, or Visa/MasterCard credit card (see details below), or cash (in person at the Fees office, 34 Mouat Street, Fremantle).
- Payment must be received by Thursday 14 January 2016.
- Once payment has been processed, a registration confirmation will be sent to the email addresses provided below. Receipts will be available for collection at the course.

Tax invoice: Where an individual registration is for less than \$1000 (incl. GST) this document becomes a tax invoice for GST purposes upon completion of payment. ABN: 69 330 643 210

Student's details (please print clearly):

First name:

Last name:

School:

Student telephone: (H) (M)

Student email:

Parent email:

Parent name:

Parent mobile number:

Payment by cheque:

Please make a cheque payable to "The University of Notre Dame"

Payment by credit card (please print clearly)

Name of Card Holder (as printed on card):

VISA **MASTERCARD** **Expiry date:** /

Credit Card No:

Cardholder's Signature:



Maths Method – \$130.00
Budget Code: 01 2013 43 Job Code: 312

