





## **INTENSIVE REVISION AND EXAM PREPARATION**

### **VCE INTENSIVE 10-WEEK PROGRAMS**

COMMENCING FRIDAY 13 MARCH & SATURDAY 14 MARCH 2009

### **VCE INTENSIVE TOPIC TUTES™**

COMMENCING FRIDAY 20 MARCH & SATURDAY 21 MARCH 2009

- expert weekly tuition in small groups of 8–12 students
- personal attention from experienced and senior VCE teachers
- comprehensive and exclusive revision and study notes
- individual help clarifying and explaining difficult concepts
- practice exam questions each week
- tips on how to transfer your knowledge to achieve an A+ in your exams

#### **VCE INTENSIVE 10-WEEK PROGRAMS FOR**

- **BIOLOGY UNIT 3**
- **CHEMISTRY UNIT 3**
- **PHYSICS UNIT 3**

#### **INTENSIVE TOPIC TUTES™ FOR**

- **MATHS METHODS UNITS 3&4**
- **SPECIALIST MATHS UNITS 3&4**
- **ENGLISH CONTEXTS UNITS 3&4**

**PHONE 8341 8341  
FOR YOUR FREE  
2009 VCE PLANNER  
AND BOOKMARK**

**WWW.NEAP.COM.AU**

## ABOUT THE PROGRAMS

National Educational Advancement Programs (Neap) has been active in education and the teaching community for over 30 years. Neap developed the original VCE Intensive 10-Week Programs nearly 20 years ago and the first Intensive Topic Tutes™ in 2004. Each year the programs are revised and updated so that all VCAA changes are fully integrated.

By attending Neap's Intensive Programs you will be given the opportunity to improve your understanding of the subject through thorough revision of the course material and exposure to fresh ideas and approaches to problem solving. This will enable you to maximise your performance throughout the year and in your exams to increase your final mark.

Each program provides a forum through which you can build on your knowledge of the

subject through clarification and consolidation of course material, and which allows you to identify, explore and rectify any weak areas and discuss your specific concerns, problems and questions. You will gain the confidence, reassurance and motivation to perform at a higher level. You will be given a detailed set of revision and study notes each week.

Our commitment to you is the provision of superior programs and individual support to help you

optimise your scores and realise your goals in the career of your choice.

Neap is proud to announce that its students are consistently represented in the top 100 students in Victoria with many students achieving perfect subject scores of 50 and ENTER scores over 95. By attending Neap's Intensive 10-Week Programs and Intensive Topic Tutes™, you too can be one of these top-performing students.

## ACCESS TO THE MOST EXPERIENCED VCE TEACHERS

Neap developed the original Intensive 10-Week Programs and Intensive Topic Tutes™ so that students could benefit from the collective experience and expertise of teachers in an environment that is friendly and conducive to learning.

Teachers include State Reviewers of the VCE, experienced writers and markers of VCE exam papers, authors of current VCE textbooks, members of verification and review boards for VCE subjects, and panel members on the implementation of the Victorian schools curriculum. They have an excellent understanding of their subjects, are extremely familiar with the marking protocol of the exams and know what the examiners are looking for.

## SMALL CLASSES OF 8–12 STUDENTS

Each class consists of small groups of 8–12 students. You will have the opportunity to ask questions and address individual problem areas on a one-to-one basis throughout the programs. Additionally, teachers will be available after each class for further assistance.

In a small group environment, you will learn and work with students from various schools where you can compare notes, discuss different points of view and make new friends.

## WHAT STUDENTS & PARENTS SAY ABOUT THE PROGRAMS

*"... friendly atmosphere ... easy to communicate with the lecturers."*

*"It gave me a lot of confidence ... I can trust Neap notes to give me the best results."*

*"After receiving 49 for Biology I would like to thank you for the help you gave me ... The teaching and notes were exceptional, giving me a smooth start in this subject, which was particularly important as I am only in Year 11 and I hadn't completed Units 1 and 2. Thank you Neap – I will be sure to recommend your services in the future."*

*"Fantastic. My daughter obtained a score of 50 [in Chemistry] because of Neap."*

*"Very well covered and thorough ... a different approach to class work. The diagrams and questions were good for revision, and the answers provided were excellent!"*

*"My son looks forward to the programs each week because he covers so much work and is given great notes. The standard is excellent."*

*"The notes were excellent ... Basically broke down 100s of pages of my text book into clear, precise notes ..."*

## LECTURERS

### 10-WEEK PROGRAMS

#### Biology

**Mr Hugh Latimer** – Head of Biology and Senior VCE Biology teacher, Brighton Grammar School, Brighton; author of VCE Biology texts.

**Mr Ian Alexander** – Senior VCE Biology teacher, Haileybury College, Keysborough.

**Mr Paul Manley** – Senior VCE Biology teacher, Flinders Christian Community College, Tyabb.

**Ms Annette Williams** – Senior VCE Biology teacher, Methodist Ladies College, Kew.

#### Chemistry

**Ms Faye Jeffery** – Senior VCE Chemistry teacher; author of VCE Chemistry texts.

**Ms Gai Shadbolt** – Senior VCE Chemistry teacher, Ivanhoe Grammar School, Ivanhoe.

**Ms Maree Cody** – Senior VCE Chemistry teacher.

**Mr Noel Blacker** – Senior Chemistry teacher, Chisholm Institute of TAFE, Frankston.

#### Physics

**Mr Saverio Ciccone** – Senior VCE Physics teacher, Overnewton College, Keilor.

**Mr Gil Urquhart** – Senior VCE Physics teacher; marker for VCE Physics.

### INTENSIVE TOPIC TUTES™

#### Maths Methods & Specialist Maths

**Ms Natalie Caruso** – Senior VCE Mathematics teacher, Loreto Mandeville Hall, Toorak; author of VCE Mathematics texts.

**Mr John Seymour** – Head of Mathematics and Senior VCE Mathematics teacher, Melbourne Girls' Grammar School, South Yarra.

**Mr Ron Lay** – VCE Co-ordinator and Senior VCE Mathematics teacher, Heathdale Christian College, Werribee; author of VCE Mathematics texts.

**Mr Emidio Forti** – Senior VCE Mathematics teacher, Pascoe Vale Girls' College, Pascoe Vale.

#### English Contexts

**Ms Kay Perry** – Senior VCE English teacher, CAE, Melbourne; author of VCE English texts.

**Ms Kate Judith** – Senior VCE English teacher, Kangan Batman TAFE; author of VCE English texts.

**Ms Alison Brunton** – Senior VCE English teacher, Vermont; VCE English exam assessor and text selection panel member.

**Mr Andrew Doyle** – Senior VCE English teacher, Vermont Secondary College, Vermont; VCE English exam assessor and text selection panel member.

**Mr Robert Bryson** – Head of English and Senior VCE English teacher, Mt Scopus College, Burwood; published author.

## FURTHER IMPORTANT INFORMATION

Please complete the enrolment form, indicating the program and session preferences and return with your payment to:

**Programs Officer  
Neap**

**PO Box 662  
Carlton South VIC 3053**

Telephone: 03 8341 8341

Facsimile: 03 8341 8300

**WWW.NEAP.COM.AU**

### ENROLMENTS

Enrolments must be made on the enrolment form accompanying this brochure or on a photocopy. Further enrolment forms are available from Neap or the Librarian at your school. Please include a separate enrolment form for each participant. Enrolments can also be made via the internet by visiting <www.neap.com.au>.

Enrolments must be received by the closing date to finalise classes. Students applying after this date will be accepted only if places are available. Late applicants may not receive their preferred session times.

Payments must accompany enrolments. Enrolments are not transferable.

### CLOSING DATE

The closing date for enrolments is Friday 6 March for the 10-Week programs and 5 days prior to the commencement of each of the Topic Tutes™. Late enrolments will be accepted if places are available.

### COST

The cost per student per subject is \$699 (GST inclusive) for the 10-Week Program and \$150 (GST inclusive) for each of the 2-Week Topic Tutes™.

Neap offers a 10% discount to current Health Care Card holders. A photocopy of the current Health Care Card must be received with your enrolment for the discount

to apply. Discounts will **not** be applied retrospectively or after an enrolment has been processed.

### DURATION

Each Intensive 10-Week Program will run over a 10-week period. Each lecture will be of 2 hours duration, plus question time.

Each Intensive Topic Tute™ will run over a 2-week period. Each class will be of 2 hours duration, plus question time. Students are required to attend at the same session time for the duration of each program.

### CANCELLATIONS

Enrolment cancellations will only be accepted if made in writing prior to the closing date. Fees, less 20% administration costs, will be refunded.

Students who fail to attend the classes on the day will not be eligible to receive program notes unless a medical certificate or documentation from a guardian is supplied.

## CONFIRMATION

A confirmation of enrolment, receipt and relevant details will be posted once your enrolment has been processed. At the closing date, subject to enrolments, Neap reserves the right to cancel any program or to alter advertised program dates and times. A full refund will be given for a cancelled program. If you have not received your confirmation by the last business day prior to the program you must advise Neap as entry is only granted with correct documentation.

### VENUE

Classes will be held in modern, well-equipped seminar rooms at Neap's Head Office located within Melbourne's university precinct.

Address:

96–106 Pelham Street, Carlton.  
Melway Map 2B E9  
(located between Swanston & Cardigan Streets)

## INTENSIVE 10-WEEK PROGRAMS

### BIOLOGY

The two areas of study as specified by the VCAA study design will be covered in detail to optimise results in the mid-year exam: Molecules of life and Detecting and responding.

The mid-year exam will require students to identify, analyse and explain the main points in terms of the relevant biological concepts, and to analyse methodology, data, experimental procedures, interpretations and conclusions.

### CHEMISTRY

The following areas of study in the Unit 3 course will be covered to help students further their knowledge and develop all-important exam skills: Chemical analysis and Organic chemical pathways.

The program will enhance students' understanding of the concepts of chemistry. They will learn to analyse and evaluate data and apply information in both familiar and unfamiliar situations, as they will be required to in the mid-year exam.

### PHYSICS

The newly accredited Unit 3 course will be covered in detail. In-depth revision and effective problem-solving techniques will be covered in the specific contexts for each area of study. Successful exam techniques will be a strong feature.

The mid-year exam will require students to explain and model appropriate situations, including calculating and estimating physical quantities, predicting possible outcomes and justifying reasoning. These will be thoroughly addressed throughout the program.

#### Core areas of study

- 1 Motion in one and two dimensions
- 2 Electronics and photonics

#### Detailed studies

- 1 Einstein's special relativity
- 2 Materials and their use in structures
- 3 Further electronics

## INTENSIVE TOPIC TUTES™

### MATHS METHODS

#### FUNCTIONS, RELATIONS AND THEIR GRAPHS

This course will focus on the algebra of functions and relations and graphing techniques.

#### EXPONENTIAL, LOGARITHMIC AND TRIGONOMETRIC FUNCTIONS

This course will focus on the algebra of exponential, logarithmic and trigonometric functions and graphic techniques.

#### CALCULUS: DIFFERENTIATION AND ITS APPLICATION

This course will focus on techniques for differentiation and applications of the derivative.

For a full description of material covered in each topic, please visit the Neap website and click on 'Topic Tutes'.

### SPECIALIST MATHS

#### COMPLEX NUMBERS

This course will focus on the arithmetic and algebra of complex numbers.

#### VECTORS

This course will focus on the arithmetic and algebra of vectors, linear dependence and independence of vectors, proof of geometric results using vectors and vector representation of curves in the plane.

#### CALCULUS

This course will focus on differentiation and antidifferentiation.

The focus of these calculus lectures is for students to develop their calculus skills without the use of technology. To enable students to do this, worked examples of Exam 1 style questions only will be used in these lectures. Additional exam-style questions for students to work through will also be given.

In each of the Maths Methods and Specialist Maths topic tutes, students will be able to strengthen their understanding of mathematical concepts while beginning exam preparation and practice by referring to the worked examples of both Exam 1 and Exam 2 style questions that will be used in these lectures. Additional exam-style questions for students to work through will also be given.

### ENGLISH CONTEXTS

#### ENCOUNTERING CONFLICT

#### EXPLORING ISSUES OF IDENTITY AND BELONGING

The first class in each of these tutes will be an introduction to Context study, focussing on the nature of Context study, the relationship between texts and Contexts, and the kind of assessment students can expect in this part of the English course.

The second class will focus in detail on the themes, issues and texts in one of the following Contexts:

*Encountering Conflict*

*Exploring Issues of Identity and Belonging*

*The Imaginative Landscape*

*Whose Reality?*

Through a mixture of discussion and examples the tutes will also give students advice and strategies for preparing for SACs and the final exam.

## PROGRAM SCHEDULE – INTENSIVE 10-WEEK PROGRAMS

Session	Day	Time		Week 1	Week 2	Week 3	Week 4	Week 5
Session 1	Friday	5:30pm – 7:30pm	Session 1	13 March	20 March	27 March	3 April	24 April
Session 2	Saturday	9:00am – 11:00am	Sessions 2–4	14 March	21 March	28 March	4 April	25 April
Session 3	Saturday	12:00pm – 2:00pm						
Session 4	Saturday	3:00pm – 5:00pm						
				Week 6	Week 7	Week 8	Week 9	Week 10
			Session 1	1 May	8 May	15 May	22 May	29 May
			Sessions 2–4	2 May	9 May	16 May	23 May	30 May

## PROGRAM SCHEDULE – INTENSIVE TOPIC TUTES™

Session	Day	Time	Maths Methods	Specialist Maths	English Contexts
Session 1	Friday	5:30pm – 7:30pm	Topic 1: Functions, relations and their graphs	Topic 1: Complex numbers	(Session 4 only)
Session 2	Saturday	9:00am – 11:00am	Fri: 20 March & 27 March	Fri: 20 March & 27 March	<i>Encountering Conflict</i>
Session 3	Saturday	12:00pm – 2:00pm	Sat: 21 March & 28 March	Sat: 21 March & 28 March	<i>Exploring Issues of Identity and Belonging</i>
Session 4	Saturday	3:00pm – 5:00pm	Topic 2: Exponential, logarithmic and trigonometric functions	Topic 2: Vectors	<i>The Imaginative Landscape</i>
			Fri: 1 May & 8 May	Fri: 1 May & 8 May	<i>Whose Reality?</i>
			Sat: 2 May & 9 May	Sat: 2 May & 9 May	Sat: 16 May & 23 May
			Topic 3: Calculus: differentiation and its application	Topic 3: Calculus	
			Fri: 15 May & 22 May	Fri: 15 May & 22 May	
			Sat: 16 May & 23 May	Sat: 16 May & 23 May	