



# GET THE EDGE WITH VCE INTENSIVE PROGRAMS

COMMENCING WEDNESDAY 14 MARCH 2012

By attending this program you will receive

- 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 A+ in your exams

## INTENSIVE EXAM PREPARATION FOR

- Maths Methods (CAS) Units 3&4
- Specialist Maths Units 3&4
- Biology Unit 3
- Chemistry Unit 3
- Physics Unit 3

RECEIVE A NEAP VIP CARD  
WORTH OVER \$500



MAXIMISE YOUR  
PHYSICS EXAM  
PERFORMANCE

*Physics Unit 3  
Exam Masterclass*



[WWW.NEAP.COM.AU](http://WWW.NEAP.COM.AU)

## WHY ATTEND NEAP'S INTENSIVE PROGRAMS

Neap has been active in education and the teaching community for over 30 years. Each year, our Intensive Programs are revised and updated so that all VCAA changes are fully integrated. These programs are run over eleven sessions throughout semester one.

By attending our Intensive Programs you will:

- Get the edge on your understanding, through thorough revision of course material
- Be exposed to extremely experienced VCE teachers who are passionate about helping you succeed
- Consolidate your knowledge
- Identify and rectify any weak areas
- Maximise your exam performance
- Gain confidence by participating in classes that are well-structured, interesting and interactive

## YOU WILL ACCESS THE MOST EXPERIENCED VCE TEACHERS

Experts in their fields, our teachers 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.

More importantly, they are able to communicate the content and concepts of their subjects in a way that is easy to grasp, and provide an environment that is friendly and conducive to learning.

You will benefit from the collective experience and expertise of Neap teachers, who are senior VCE teachers, writers and markers of VCE exams and authors of current VCE textbooks.

## YOU WILL BUILD CONFIDENCE AND DEVELOP PROBLEM-SOLVING AND EXAM TECHNIQUES

By participating in our classes you will:

- Develop useful skills and strategies for completing SACs and exams
- Be exposed to fresh ideas and approaches to problem-solving
- Learn how to avoid common errors
- Avoid the stress of 'cramming' for your exams
- Use these skills in Session 10 when you will complete a trial exam under examination conditions for discussion in the last week of the program
- Receive a detailed set of revision and study notes each week
- Have received over 250 pages worth of revision notes and questions by the end of the program

## BE A PART OF OUR SMALL SUPPORTIVE CLASSES

Our small classes of 8–12 students provide you with the opportunity to ask questions and address individual problem areas on a one-to-one basis throughout the semester. 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.

### SEMESTER TIMETABLE FOR INTENSIVE PROGRAMS

<b>Session 1</b> 14–18 March	<b>Session 6</b> 2–6 May
<b>Session 2</b> 21–25 March	<b>Session 7</b> 9–13 May
<b>Session 3</b> 28 March – 1 April	<b>Session 8</b> 16–20 May
<b>Session 4*</b> 18–22 April	<b>Session 9</b> 23–27 May
<b>Session 5</b> 25–29 April	<b>Session 10†</b> Exam
	<b>Session 11</b> 30 May – 3 June

### SESSION TIMES

<b>Group 1</b>	Wednesdays	5:00pm – 7:00pm
<b>Group 2</b>	Thursdays	5:00pm – 7:00pm
<b>Group 3</b>	Friday	5:30pm – 7:30pm
<b>Group 4</b>	Saturdays	9:30am – 11:30am
<b>Group 5</b>	Saturdays	12:30pm – 2:30pm
<b>Group 6</b>	Sundays	10:00am – 12:00pm
<b>Group 7</b>	Sundays	1:00pm – 3:00pm

\* 6-Session Intensive Program students will attend during the weeks of Sessions 4 to 9, from the beginning of term 2 (18 April 2012). There is no exam session for 6-Session Programs.

† In Session 10, 11-Session Program students will receive a Neap trial exam in line with VCAA standards to complete for discussion in Session 11. Students can sit this under examination conditions at the Neap Training Centre. Sitting times will be discussed in Session 8.

11-Session Program Physics students will break into separate detailed study classes for Sessions 8 & 9. Those times may vary from the scheduled group time. This will be confirmed in Session 6.

Each lecture will be of 2 hours duration, plus question time. Students are required to attend at the same session time for the duration of their chosen program.

Physics Masterclass students will attend only on Sunday 20 May and Sunday 27 May 2012.

Not all Group times are available for all subjects. Please check the enrolment section on the back page for subject session times.

### FURTHER IMPORTANT INFORMATION COST

A cost breakdown for each program and any subsequent program enrolments can be found on the back page of this flyer with the enrolment form.

All prices are GST inclusive.

### ENROLMENTS

Payments must accompany enrolments. Enrolments are not transferable.

Enrolments can be made on the enrolment form over the page or a photocopy. Please complete the enrolment form, indicating the subject and your group 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

Enrolments can also be made online at [www.neap.com.au](http://www.neap.com.au).

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

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

*"The notes were excellent ... Basically broke down hundred of pages of my textbook into clear, precise notes ..."*

### CLOSING DATE

The enrolment closing dates are:  
11-Session Intensive Program

• **Monday 5 March**

6-Session Intensive Program

• **Tuesday 10 April**

Physics Masterclass sessions

• **Monday 14 May**

Late enrolments will be accepted if places are available.

### VENUE

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

Address:

Level 1, 96–106 Pelham Street, Carlton. Melway Map 2B E9 (located between Swanston and Cardigan Streets)

### CANCELLATIONS

Enrolment cancellations will only be accepted if made in writing prior to the closing date. Fees, less \$40 administration costs, will be refunded.

### 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, please contact us on 03 8341 8341.

## VCE 11-SESSION INTENSIVE PROGRAMS BIOLOGY UNIT 3

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
- 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.

### Lecturers

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

**Mr Hugh Latimer** – Senior VCE Biology teacher.

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

**Ms Jen Mansfield** – Senior VCE Biology teacher.

**Ms Annette Williams** – Head of Science and Senior VCE Biology teacher, Shelford Girls' Grammar, Caulfield.

## CHEMISTRY UNIT 3

The following Areas of study of the Unit 3 course will be covered to help students further their knowledge and develop all-important exam skills:

- Chemical analysis
- Organic chemical pathways

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

### Lecturers

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

**Ms Maree Cody** – Senior VCE Chemistry teacher, Siena College, Camberwell.

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

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

## PHYSICS UNIT 3

In-depth revision and effective problem-solving techniques will be covered in the specific contexts for each Area of study.

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. Successful exam techniques will be a strong feature.

### Core Areas of study

- Motion in one and two dimensions
- Electronics and photonics

### Detailed studies

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

### Lecturers

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

**Mr Djani Gasparini** – Senior VCE Physics and Mathematics teacher, Stott's College, Melbourne.

# MASTERCLASS PHYSICS UNIT 3

Our Physics Exam Masterclass is designed to teach you to avoid common exam traps and to answer exam questions in a way that the assessor will award you full marks.

### ARE YOU CONFIDENT WITH THE PHYSICS UNIT 3 COURSE MATERIAL?

This program is specifically tailored for students who have mastered Physics Unit 3 concepts but want to maximise their exam performance.

Our Physics Exam Masterclass is primarily focused on helping you recognise how much detail is required in your exam question responses to obtain optimal marks. The sessions will focus on exam preparation, questions and techniques specific to each Area of study.

## YOUR NEAP VIP CARD



By simply enrolling in one of Neap's Intensive Programs<sup>‡</sup>, you will receive a Neap VIP Card to help you get the most out of your revision and study for your 2012 exams.

- **EXCLUSIVE** preferential book pricing
- **FREE** postage on products purchased from Neap
- **FREE** trial exams in all offered subjects
- **10% DISCOUNT** on any future Neap programs you enrol in

**Over \$500 worth in value, to help you maximise your VCE SAC and exam performance in 2012.**

Enrol now at [www.neap.com.au](http://www.neap.com.au) or call 03 8341 8341.

<sup>‡</sup> Offer does not include Physics Masterclass enrolments

## VCE 6-SESSION INTENSIVE PROGRAMS

### MATHS METHODS (CAS)

#### Areas of study

- Functions and graphs
- Exponential, logarithmic and trigonometric functions
- Calculus: Differentiation and its application

### SPECIALIST MATHS

#### Areas of Study

- Complex numbers
- Vectors
- Calculus: Differentiation and antidifferentiation

In each of the Maths Methods (CAS) and Specialist Maths sessions, students will be able to strengthen their understanding of mathematical concepts, focusing on algebra, graphing and application techniques. They will begin 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 will be given to students to work through.

### Lecturers

**Ms Natalie Caruso** – Senior VCE Mathematics teacher; author of VCE Mathematics texts.

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

**Mr Djani Gasparini** – Senior VCE Physics and Mathematics teacher, Stott's College, Melbourne.

**Mr Ron Lay** – Academic Extensions Coordinator and Senior VCE Mathematics and Physics teacher, Heathdale Christian College, Werribee; author of VCE Mathematics texts.

You will analyse sample student solutions and have the opportunity to discuss difficult concepts. In addition to expert exam coaching, students will receive a booklet of practice exam questions to further assist preparation for the Unit 3 exam. Small groups ensure access to an experienced Physics teacher and exam assessor.

Students may choose to attend the Physics Core session and/or the Detailed study session.

#### Core Areas of study

Motion in one and two dimensions  
Electronics and photonics

#### Lecturer

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

#### Detailed study

Materials and their use  
in structures

