





## IMPROVE YOUR ENTER SCORE

# VCE SEPTEMBER HOLIDAY PROGRAMS YR 11 & YR 12

THURSDAY 25 SEPTEMBER – THURSDAY 2 OCTOBER 2008  
AT THE UNIVERSITY OF MELBOURNE

- unique and flexible, Neap's September Holiday Programs offer the opportunity for in-depth revision of whole subjects or particular Areas of study
- approaches and strategies for tackling and answering questions, developing effective problem-solving and exam techniques, and advice on how to prepare for end-of-year exams will be addressed
- comprehensive and concise lecture notes, including examples of important techniques, multiple-choice and extended response questions where applicable, will be provided
- question and answer time has been allocated to each lecture and students will also have access to teachers to address individual concerns

### YEAR 11 VCE

- CHEMISTRY
- PHYSICS
- MATHS METHODS

### YEAR 12 VCE

- BIOLOGY
- CHEMISTRY
- PHYSICS
- PSYCHOLOGY
- ENGLISH
- MATHS METHODS
- SPECIALIST MATHS
- ACCOUNTING
- ECONOMICS
- LEGAL STUDIES

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# IMPROVE YOUR ENTER SCORE

## ABOUT THE PROGRAM

Neap has been active in education and the teaching community for over 30 years. Our ongoing commitment to producing high-quality programs means that we are leaders in our field and translates to you maximising your results. Each year, Neap's September Holiday Programs are revised and updated so that all VCAA changes are fully integrated into the program thereby allowing you to best prepare for the style and difficulty of your end-of-year exams.

### YEAR 11 CHEMISTRY

**Monday 29 September**

Revision and consolidation will focus on those aspects of the course from Units 1 and 2 that will be crucial to a thorough understanding of Year 12 Chemistry. Students will revise fundamental chemical principles including atomic theory and the mole concept, stoichiometry, oxidation/reduction, acid/base reactions and the behaviour and properties of gases. Techniques for answering exam-style questions will be covered in detail.

#### Lecturer

**Mr Brian Ellett** – Head of Science & Senior VCE Chemistry teacher, Salesian College, Chadstone; author of VCE Chemistry texts.

### YEAR 11 PHYSICS

**Thursday 25 September and Friday 26 September**

Lectures will concentrate on the key ideas in Movement and Electricity. In Movement, the topics will include: linear motion using graphical interpretations and formulae; Newton's laws of motion; impulse, momentum and energy in elastic and inelastic collisions; work, kinetic energy, potential energy and power. In Electricity, topics will include: charge and current; energy around a circuit; Ohm's Law: series and parallel circuits; power; circuit analysis; sources of electricity; domestic electricity: safety. Topics will be discussed with reference to examples drawn from the relevant contexts. Examples of exam-style questions will also be given.

#### Lecturer

**Dr Eddy de Jong** – Director of Learning Technologies & Senior VCE Physics teacher, Whitefriars College, Donvale; University Physics lecturer, Monash University, Clayton; author of VCE Physics texts.

### YEAR 11 MATHS METHODS

**Tuesday 30 September and Wednesday 1 October**

Each of the four Areas of study (Algebra, Functions and Graphs, Probability and Rates of Change and Calculus) will be addressed in separate lectures.

Students will revise mathematical knowledge from each Area of study and will be given worked examples that outline important concepts and the application of skills in a variety of situations. The lectures are designed to demonstrate how to answer questions by hand and with the aid of technology. Techniques for answering short-answer, multiple-choice and extended-answer questions will be covered in detail.

#### Lecturer

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

### YEAR 12 ACCOUNTING

**Thursday 25 September**

This review of the course content and detailed explanations with examples will help students understand the study design for Unit 4 and assist students with their exam preparation.

The lectures will cover:

- elements, principles and qualitative characteristics
- recording for inventory, including stock returns
- recording balance-day adjustments, including stock write-downs, prepaid and accrued revenues
- purchase and disposal of non-current assets
- budgeting, covering each of the three reports
- financial statement analysis

Students will look at approaches to the exam with reference to typical questions and strategies for best answering those questions.

#### Lecturers

**Ms Robyn Christiansen** – Senior VCE Accounting teacher, Sacred Heart Girls College, Oakleigh; external exam marker; author of VCE study guide.

**Mr Bruce McLellan** – Head of Business Studies & Senior VCE Accounting teacher, Brighton Grammar School, Brighton.

### YEAR 12 ECONOMICS

**Sunday 28 September**

Students will receive comprehensive lecture notes that cover the contents of the Units 3&4 course. The lectures will cover a number of key areas relating to the nature of the exam itself, and provide students with exam strategies and techniques to help best prepare them for their final exam.

The structure of the lectures will be as follows:

- Unit 3 revision
- Unit 4 budgetary policy
- Unit 4 monetary policy
- Unit 4 microeconomic policy
- Sample multiple-choice, structured questions and short-answer/written responses

#### Lecturers

**Mr Gary Hodges** – Senior VCE Economics teacher, Ivanhoe Grammar School, Mernda.

**Mr Russell Ives** – Director of Curriculum and Learning, Eltham College of Education, Research.

### YEAR 12 LEGAL STUDIES

**Monday 29 September**

These lectures will provide students with a detailed review of Unit 3 and Unit 4 course material. Each student will receive a comprehensive set of lecture notes and will be advised on strategies and techniques to help best prepare them for their final exam.

Each of the following Areas of study will be covered in detail:

- Parliament and the citizen
- Constitution and the protection of rights
- Role of the courts
- Criminal cases and civil disputes
- Court processes and procedures

Students will be given exam techniques and tips to help with their approach to their final exam. Typical questions will be referenced and strategies for best answering those questions will be covered.

#### Lecturer

**Mr Angelos Mavridis** – Senior VCE Legal Studies teacher, Haileybury College, Keysborough.

### YEAR 12 ENGLISH

**Sunday 28 September – Thursday 2 October**

#### Text Response

10 texts have been selected for individual in-depth study. Please refer to the enrolment form for details.

The lectures will offer critical insights and explore themes, characters and historical/social contexts of the texts. Texts will be analysed closely with reference to key passages and/or scenes.

#### Analysis of Language Use

Clear guidelines on how to systematically approach Section C of the final exam will be given by working through a sample scenario.

The following aspects will be addressed:

- time management strategies
- the importance of purpose, audience and form
- close analysis and synthesis of the written material
- formulation of a response which uses the most appropriate style for the intended purpose
- understanding the criteria sheet

#### English Contexts

The first session will focus on the nature of Context study, relationships between texts and Contexts, and the kind of assessment students can expect, while the second will discuss themes, issues and texts within an individual Context.

Through discussion and examples, the lectures will also give students advice and strategies for preparing for the final exam.

#### Lecturers

**Mr Robert Bryson** – Head of English & Senior VCE English and Literature teacher, Mt Scopus College, Burwood.

**Ms Kay Perry** – Senior VCE English teacher, Council of Adult Education, Melbourne; published author; English exam assessor.

**Mr Angelos Mavridis** – Senior VCE English teacher, Haileybury College, Keysborough.

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

**Mr Chris Mason** – Head of English and Senior VCE English teacher, Carey Baptist Grammar, Kew; VCE English exam assessor.

**Mr Andrew Doyle** – Senior VCE English teacher, Vermont Secondary College, Vermont; Year 12 English exam assessor; VCE text selection panel member.

**Mr Tony Thompson** – Senior VCE English teacher, Princes Hill Secondary College, Carlton North.

**Ms Rhonda Linnell** – Senior VCE English teacher, St Margaret's School, Berwick.

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## ABOUT THE LECTURERS

Every Neap program is written and delivered by practising, experienced and senior VCE teachers, all experts in their field. They are able to communicate the content and concepts of the various subjects in a way that is easy for students to grasp and understand, in an environment that is friendly and conducive to learning.

Neap teachers are recognised by their peers as authorities in their fields of study. 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 are often Co-ordinators and Heads of Department in their subject areas. 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. Students will benefit from the combined experience and expertise of Neap teachers.

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### YEAR 12 BIOLOGY

**Thursday 25 September and Friday 26 September**

These lectures will cover both Unit 4 Areas of study: Heredity and Change over time. Topics covered will include molecular genetics, patterns of inheritance, and variation, natural selection evolution.

Each session will review main topic areas and include examples of multiple-choice and extended-answer questions. Student participation will be encouraged, to consolidate knowledge and understanding of course material in preparation for the exam.

#### Lecturer

**Mr Paul Manley** – Senior VCE Biology teacher and VCE Biology assessor, Flinders Christian College, Tyabb and Carrum Downs.

### YEAR 12 CHEMISTRY

**Thursday 25 September and Friday 26 September**

These lectures have been fully revised to meet the requirements of the new Chemistry course.

The Areas of study covered will be:

- Industrial Chemistry
- Supplying and Using Energy

Each session will review basic concepts and summarise an Area of study. Students will work through exam-style questions and be given revision and exam strategies and techniques.

#### Lecturers

**Mr Brian Ellett** – Head of Science and Senior VCE Chemistry teacher, Salesian College, Chadstone; author of VCE Chemistry texts.

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

### YEAR 12 PHYSICS

**Thursday 25 September and Friday 26 September**

Students will be taught how to tackle the requirements of the end-of-year exam. Students will learn how to explain and model appropriate situations, including calculating and estimating physical quantities, predicting possible outcomes and justifying reasoning.

The topics covered will include:

#### Core Areas of study

- Electric Power
- Interactions of Light and Matter

#### Detailed studies

- Photonics
- Sound
- Synchrotron (not offered in this program. Offered in Final Revision lecture in October)

#### Lecturers

**Dr Eddy de Jong** – Director of Learning Technologies & Senior VCE Physics teacher, Whitefriars College, Donvale; University Physics lecturer, Monash University, Clayton; author of VCE Physics texts.

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

### YEAR 12 PSYCHOLOGY

**Sunday 28 September**

The Areas of study covered will include:

- Memory
- Learning
- Research Investigation

Memory and Learning will be covered from the perspective of cognitive psychology. Connections between approaches will be explained in terms of mental information processing. Multiple-choice and short-answer practice exam questions, with solutions, will be given for Memory and Learning. Research Investigation will be explained, together with the application of statistical methods to models and theories in the fields of Memory and Learning. Application questions will give students practice in evaluating the appropriateness of research models to particular studies. Ethical principles in psychological research will be discussed and students will practise applying them within particular research designs. Practice in the new style of questioning for Research Investigation will be provided with accompanying extended answers.

#### Lecturers

**Ms Maggie McSwiney** – Senior VCE Psychology teacher, Council of Adult Education, Melbourne; exam assessor; published author.

**Ms Victoria Stats** – Science Co-ordinator and Senior VCE Psychology teacher, Our Lady of Sion College, Box Hill.

### YEAR 12 MATHS METHODS

**Tuesday 30 September and Wednesday 1 October**

### YEAR 12 SPECIALIST MATHS

**Sunday 28 September and Monday 29 September**

The Maths Methods and Specialist Maths lectures will help prepare students for both exams:

**Examination 1** – a one hour technology-free paper of short and extended-answer questions covering all Areas of study.

**Examination 2** – a two hour paper of multiple-choice and extended-answer questions covering all Areas of study. Access to approved technology is assumed.

Students will receive thorough notes including worked examples covering important concepts and problem-solving and exam techniques. The lectures will demonstrate how to answer exam-style questions. Correct presentation of answers will be emphasised and strategies for dealing with each type of question will be discussed. Throughout the lectures, students will be shown how to avoid common errors made in exams.

#### Lecturer (Maths Methods)

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

#### Lecturer (Specialist Maths)

**Mr John Seymour** – Senior VCE Mathematics teacher, Caulfield Grammar School, East St Kilda.

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### FURTHER IMPORTANT INFORMATION

Please complete the enrolment form, indicating the lectures you will be attending 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

*(Enrolment form may be photocopied.)*

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>.

Payment must accompany enrolments.

Enrolments are not transferable.

### CLOSING DATE

The closing date for enrolments is 5 business days prior to the specific lecture. Late enrolments will be accepted if places are available.

### COST

Please refer to the enrolment form for the cost of specific lectures. All prices are GST inclusive.

Neap offers a 10% discount to current Health Care Card holders. A photocopy of the Health Care Card must be received with your enrolment for the discount to apply (not available through the online store). Discounts will **not** be applied retrospectively or after an enrolment has already been processed.

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