

VCE Essentials – Units 3 & 4

Final Exam Revision Lectures 2017

Venue: The University of Melbourne **Dates:** Saturday 23rd September – Sunday 22nd October 2017



2017

Minimise Study Time – Maximise Scores!

**The Fastest Way to
Prepare for the Exams!**



The School For Excellence
Level 3, 99 William Street
Melbourne, VIC, 3000

Save **100s** of hours in study time!

Revise & extend to **maximise examination** marks

Receive expert instruction from **VCAA exam markers**

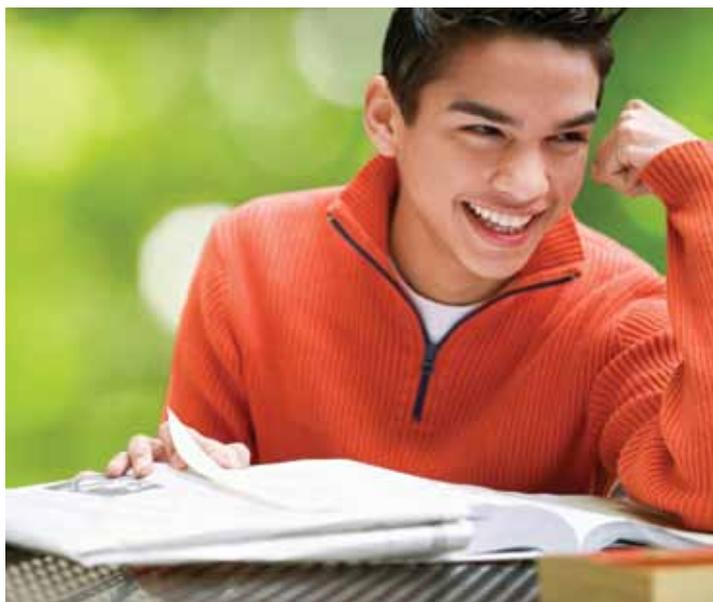
Master the **tricks and traps** that appear in the exams

Receive detailed **A+ notes** (not basic summaries)

Victoria's **most trusted** & comprehensive VCE programs

Get a **huge advantage** over your state-wide peers

VCE Essentials – Final Exam Revision Lectures



The Ultimate Preparation Tool for the VCE Exams!

Students can **save significant amounts of stress** and time before their exams by having an experienced VCE teacher guide them through the revision process. Our 'VCE Essentials' lectures have been designed with this purpose in mind, and to give students the skills and information they'll need to perform to the **highest possible standard** in their final exams.

Each lecture will **review and then extend** on the topics covered at school, exposing students to frequently overlooked questions as well as tricks and traps that could appear in the exams. They will also learn how examination papers are marked and how answers must be presented if they are to be awarded full scores. Emphasis will be placed on the more **challenging concepts**, as well as the sections that have been poorly addressed in past VCE examinations.

To ensure that students receive **every possible advantage** in their exams, our 'VCE Essentials' lectures are being prepared and delivered by highly qualified, practising **VCE teachers** and **official VCE exam markers** (not university students); individuals who have the knowledge and experience to demonstrate how students can achieve the higher ATAR results.

Detailed **A+ course notes** will be provided for each subject.

Course Features (All Subjects)

- Revise in a **fast and effective** step-by-step manner.
- **Detailed and comprehensive** lectures designed to maximise VCE marks.
- Cover the more **difficult concepts** within a subject (and not just revise the basic principles).
- Clarify common **misconceptions** that result in the loss of valuable marks in the exams.
- Work through a **large, unique collection** of potential exam questions.
- Learn how to **interpret and dissect** analysis-style questions.
- **Master** important problem-solving strategies and application skills.
- Learn **how marks are awarded** in the exams and the level of detail required to obtain full marks.
- Develop **subject specific strategies** that will help you manage your time more effectively, so you can complete examination papers within the available time.
- Hear information from a **different perspective** and develop a deeper understanding of course materials, and how information will be applied in the exams.

What You'll Get (All Subjects)

- The highest quality instruction from Victoria's **most trusted** program provider.
- Passionate, **engaging** and approachable teachers.
- Detailed, comprehensive **A+ notes** that include every key concept that could be examined, large numbers of worked examples, step-by-step instructions and exam watch-outs.
- A **large collection of exam-style questions** to further consolidate and extend on taught skills at home.
- Engaging audio-visual presentations to cater to different learning styles.
- A **level playing field** (students taught by VCE exam assessors do have an advantage over other students).

98%

of past students stated that 'The Essentials' lectures and notes would improve their examination marks!

Program Benefits (All Subjects)

- **Greatly cut down on study time.** You will learn 5 times more information than if you were to work through the same materials on your own!
- No need to waste valuable time learning examinable skills by trial and error.
- Increase your confidence.
- Minimise the opportunities to **procrastinate** your studies, and ensure you get the most from your school holidays.
- **Free up** much needed time in Term 4.
- Learn how to **avoid the errors** made by past students.
- Gain exposure to the concepts and applications that are used to determine which students will receive the higher marks.
- Complete a large part of your exam preparations with **official VCE exam markers** and **senior VCE teachers** from top performing schools.
- **Decrease stress levels** and study-loads in the challenging weeks leading up to the exams.
- Improve examination performance and gain a **distinct advantage** over your VCE peers!



Timetable School Holiday Lectures

Repeat sessions of a particular subject are identical. For example, **Session 1 & 2** of the Unit 3 Biology lectures are the same. Each full day includes a 1 hour lunch break as well as regular short breaks throughout the day.

Sat 23 Sep 2017	Sun 24 Sep 2017	Mon 25 Sep 2017	Tue 26 Sep 2017
9.00am – 1.00pm Unit 3 Biology – Part 1 (Session 1) <i>How do cellular processes work?</i> Unit 3 Chemistry – Part 1 (Session 1) <i>What are the options for energy production?</i> Unit 3 Maths Methods – Part 1 (Session 1) <i>Algebra of exponential, logarithmic & trigonometric functions & functional equations</i>	9.00am – 1.00pm Unit 3 Biology – Part 2 (Session 1) <i>How do cells communicate?</i> Unit 3 Chemistry – Part 2 (Session 1) <i>How can the yield of a chemical product be optimised?</i> Unit 3 Maths Methods – Part 2 (Session 1) <i>Functions & graphs, transformations, algebra of functions, composite & inverse functions, modelling & differentiation techniques</i> 2.00pm – 5.00pm Unit 3 Further Maths – Part 1 <i>Core – Data analysis</i> Unit 3 Physics – Part 1 <i>How do things move without contact?</i>	9.00am – 1.00pm Unit 4 Biology – Part 1 (Session 1) <i>How are species related?</i> Unit 4 Chemistry – Part 1 (Session 1) <i>How can the diversity of carbon compounds be explained & categorised?</i> Unit 4 Maths Methods – Part 1 (Session 1) <i>Applications in differentiation & integration</i> 2.00pm – 5.00pm Unit 3 Further Maths – Part 2 <i>Core – Recursion & financial modelling</i> Unit 3 Physics – Part 2 <i>How are fields used to move electrical energy?</i>	9.00am – 1.00pm Unit 4 Biology – Part 2 (Session 1) <i>How do humans impact on biological processes?</i> Unit 4 Chemistry – Part 2 (Session 1) <i>What is the chemistry of food?</i> Unit 4 Maths Methods – Part 2 (Session 1) <i>Probability & Statistics</i> 2.00pm – 5.00pm Unit 4 Further Maths – Part 1 <i>Geometry & measurement OR Graphs & relations</i> Unit 3 Physics – Part 3 <i>How fast can things go?</i>
Wed 27 Sep 2017	Thur 28 Sep 2017	Fri 29 Sep 2017 – Public Holiday	Sat 30 Sep 2017 – AFL Grand Final
9.00am – 12.00pm Unit 4 Further Maths – Part 2 <i>Matrices OR Networks & decision maths</i> Unit 4 Physics – Part 1 <i>How can waves explain the behaviour of light?</i> 1.00pm – 4.00pm Unit 4 Physics – Part 2 <i>How are light & matter similar?</i> 1.00pm – 4.30pm Unit 4 Literature <i>Literary perspectives & Close analysis</i>	9.00am – 12.00pm Unit 3 English Language <i>Informal language & Formal language</i> English Lectures 9.00am – 11.30am <i>Black Diggers & The Longest Memory Bombshells & The Penelopiad The Crucible & Year of Wonders</i> 12.00pm – 2.30pm <i>Analysing Argument (Session 1) The White Tiger</i> 3.00pm – 5.30pm <i>All About Eve, Measure for Measure</i>	9.00am – 12.00pm Unit 4 English Language <i>Language variation in Australian society, Individual & group identities</i> English Lectures 9.00am – 11.30am <i>Invictus & Ransom, Stasiland & 1984, Tracks & Into the Wild</i> 12.00pm – 2.30pm <i>Analysing Argument (Session 2) I for Isobel</i> 3.00pm – 5.30pm <i>Burial Rites, Frankenstein, Medea</i>	9.00am – 12.30pm Unit 3 Business Management <i>Business foundations, Managing employees, Operations management</i> Unit 3 Economics <i>An introduction to microeconomics, Domestic macroeconomic goals, Australia & the world economy</i>

NO OTHER VCE program provider has come close to matching the **quality** and **depth** of materials that are given to students who attend TSFX lectures! As an example, students who attended our **Unit 3 Maths Methods lectures last year** received over **433 pages** of notes and questions – saving them countless hours in study time!

Students will obtain complete and detailed coverage of **examinable materials to VCE examination standard**, as detailed in each subject's Study Design.



Sun 1 Oct 2017	Mon 2 Oct 2017	Tue 3 Oct 2017	Wed 4 Oct 2017
9.00am – 1.00pm Unit 4 Biology – Part 1 (Session 2) <i>How are species related?</i> Unit 3 Psychology – Part 1 <i>How does the nervous system enable psychological functioning?</i> Unit 3 Specialist Maths – Part 1 <i>Coordinate geometry, vectors & circular (trigonometric) functions</i> 2pm – 5.30pm Unit 3 Legal Studies <i>Parliament & the citizen, The Constitution & the protection of rights, Role of the courts in law-making</i> Unit 3 Physical Education <i>Monitoring & promotion of physical activity, Physiological responses to physical activity</i>	9.00am – 1.00pm Unit 4 Biology – Part 2 (Session 2) <i>How do humans impact on biological processes?</i> Unit 3 Psychology – Part 2 <i>How do people learn & remember?</i> Unit 3 Specialist Maths – Part 2 <i>Complex numbers, differential calculus & integral calculus</i> 2.00pm – 5.30pm Unit 4 Legal Studies <i>Dispute resolution methods, Court processes & procedures, Engaging in justice</i> Unit 4 Physical Education <i>Planning, implementing & evaluating a training program, Performance enhancement & recovery practices</i>	9.00am – 1.00pm Unit 3 Biology – Part 1 (Session 2) <i>How do cellular processes work?</i> Unit 4 Specialist Maths – Part 1 <i>Applications in integration, differential equations & kinematics</i> 2.00pm – 5.30pm Unit 3 Accounting <i>Recording financial data, Balance day adjustments, Reporting & interpreting accounting information</i> Unit 3 Health & HD <i>Understanding Australia's health, Promoting health in Australia</i>	9.00am – 1.00pm Unit 3 Biology – Part 2 (Session 2) <i>How do cells communicate?</i> Unit 4 Specialist Maths – Part 2 <i>Vector calculus, mechanics, probability & statistics</i> 2.00pm – 5.30pm Unit 4 Psychology – Part 1 <i>How do levels of consciousness affect mental processes & behaviour?</i>
Thur 5 Oct 2017	Fri 6 Oct 2017	Sat 7 Oct 2017	Sun 8 Oct 2017
9.00am – 1.00pm Unit 4 Chemistry – Part 1 (Session 2) <i>How can the diversity of carbon compounds be explained & categorised?</i> Unit 4 Maths Methods – Part 1 (Session 2) <i>Applications in differentiation & integration</i> 2.00pm – 5.30pm Unit 4 Psychology – Part 2 <i>What influences mental wellbeing?</i>	9.00am – 1.00pm Unit 4 Chemistry – Part 2 (Session 2) <i>What is the chemistry of food?</i> Unit 4 Maths Methods – Part 2 (Session 2) <i>Probability & Statistics</i> 2.00pm – 5.30pm Unit 4 Accounting <i>Extension of recording & reporting, Financial planning & decision making</i> Unit 4 Health & HD <i>Introducing global health & human development, Promoting global health & human development</i>	9.00am – 1.00pm Unit 3 Chemistry – Part 1 (Session 2) <i>What are the options for energy production?</i> Unit 3 Maths Methods – Part 1 (Session 2) <i>Algebra of exponential, logarithmic & trigonometric functions & functional equations</i> 2.00pm – 5.30pm Unit 4 Business Management <i>Reviewing performance, Implementing change</i> Unit 4 Economics <i>Aggregate demand policies & domestic economic stability, Aggregate supply policies</i>	9.00am – 1.00pm Unit 3 Chemistry – Part 2 (Session 2) <i>How can the yield of a chemical product be optimised?</i> Unit 3 Maths Methods – Part 2 (Session 2) <i>Functions & graphs, transformations, algebra of functions, composite & inverse functions, modelling & differentiation techniques</i>

Timetable October Lectures

Sat 14 Oct 2017	Sun 15 Oct 2017	Sat 21 Oct 2017	Sun 22 Oct 2017
9:00am – 12:00pm Further Maths (Unit 3)	9:00am – 1:00pm Business Management (Units 3 & 4)	9:00am – 1:00pm Maths Methods (Unit 3) Specialist Maths (Unit 3)	9:00am – 1:00pm Biology (Unit 3) Chemistry (Unit 3)
1:00pm – 2:45pm Further Maths (Unit 4) Geometry & Measurement OR Graphs & Relations	Psychology (Units 3 & 4) 2:00pm – 6:00pm Legal Studies (Units 3 & 4)	2:00pm – 6:00pm Maths Methods (Unit 4) Specialist Maths (Unit 4)	2:00pm – 6:00pm Biology (Unit 4) Chemistry (Unit 4)
3:15pm – 5:00pm Further Maths (Unit 4) Matrices OR Networks & Decision Maths	Physical Education (Units 3 & 4)		

Please Note: The October 'Essentials' lectures are shorter versions of the September School Holiday 'Essentials' lectures. i.e. The School Holiday and October 'Essentials' lectures and notes in a particular subject are similar.

Lecturer Details

To ensure that students receive every possible advantage in their VCE, our lectures are prepared and delivered by qualified, currently practising **senior VCE teachers** and exam markers (not university students), individuals who possess the knowledge and experience to demonstrate how students can achieve the higher ATAR results.

Accounting

Mr Alan McAlister (Mazenod College)
Mr Simon Phelan (Rosehill Secondary College)

Biology *New Study Design*

Ms Juliet Anstee (Firbank Grammar School)
Mr Andrew Bertschik (Killester College)
Mr Ian MacDonnell (Loreto Mandeville Hall)
Ms Veronica Parsons (St. Leonard's College)

Business Management *New Study Design*

Ms Kathy Ambatzis (Canterbury Girls' College)
Mr Alan McAlister (Mazenod College)

Chemistry *New Study Design*

Ms Irena Jaskula (TSFX)
Ms Sarah Peng (TSFX)
Ms Chris Saunders (Luther College)
Ms Beth Williamson (TSFX)

Economics *New Study Design*

Ms Kathy Ambatzis (Canterbury Girls' College)
Mr Martin Gibbs (Siena College)

English *New Study Design*

Ms Kirstin Bourne (TSFX)
Mr Anthony Coyne (St Kevin's College Toorak)
Ms Andrea Hayes (Brighton Grammar School)
Mr Angelos Mavridis (Haileybury College)
Ms Carolyn Stone (Lauriston Girls' School)

English Language

Mr Ramesh Mahalingam (Nossal High School)

Further Mathematics *Revised Study Design*

Ms Jeanette Bathgate (Melbourne Girls' College)
Ms Fiona LaTrobe (Ballarat Grammar School)
Mr Anthony Novak (Mazenod College)

Health and Human Development

Ms Carla Mathisen (Haileybury College)

Legal Studies

Mr Nick Ford (Canterbury Girls' Secondary College)
Mr Angelos Mavridis (Haileybury College)
Ms Lisa Ritchie (St Kevin's College Toorak)

Literature *New Study Design*

Dr Daryl Barclay (St Kevin's College Toorak)

Mathematical Methods

Mr Russell Boyle (Ruyton Girls School)
Ms Irena Jaskula (TSFX)
Mr Mal Widdicombe (Goulburn Valley Grammar School)

Physical Education

Ms Carla Mathisen (Haileybury College)

Physics *New Study Design*

Mr Geoff Davies (Melbourne Grammar School)
Mr Paul Fielding (Billanook College)
Dr Greg Wilmoth (Haileybury College)

Psychology *New Study Design*

Mr Anthony Coyne (St Kevin's College Toorak)
Ms Megan Fallon (St. Leonard's College)
Ms Veronica Parsons (St. Leonard's College)

Specialist Mathematics

Mr Joe Ardley (TSFX)
Mr Steve Hoffman (East Doncaster Secondary College)
Mr Chris Ireson (Melbourne High School)

Important Note

As the volume of material that needs to be committed to memory for the **final VCE exams is substantial**, it will not be possible to revise materials to examination standard across a 2 to 4 hour lecture. For this reason, students attending our **Essentials – Final Exam Revision Lectures** will receive at least **7 hours of expert advice** and instruction in each VCE subject.

"Very helpful & very engaging. I feel a lot more confident about the exam now. Definitely worth it!"

Student – Mac.Robertson Girls' High School



94%

of past students indicated that 'The Essentials' – Exam Revision Lectures were **highly valuable** as a preparation tool for their exams!

Mathematics Lectures

Students attending our Mathematics lectures will receive a **comprehensive set of notes** to use as their **Reference Materials** in the "open book" exams. These notes include the common errors made by students, potential exam tricks/traps, and important watch-outs, so that valuable marks are not lost in the exams.



99%

of past students would recommend 'The Essentials' lectures to their friends.

Application Form: 'VCE Essentials' Lectures 2017 - Page 1

Please detach this form and return together with your payment to:

The Program Coordinator, The School For Excellence, PO Box 16125, Collins Street West, Melbourne VIC 8007

Tel: (03) 9663 3311 Fax: (03) 9663 3939 Email: admin@tsfx.com.au

enrol online @
www.tsfx.com.au

Please add
vce@tsfx.com.au to your
address book or safe list.

Section 1: Applicant's Details

First Name:	Surname:	
Home Address:	Suburb:	Postcode:
Telephone (Applicant):	Email Address:	
Confirm Email Address:	School Attending:	
Year Level in 2017? <input type="checkbox"/> Year 12 <input type="checkbox"/> Year 11 Studying Year 12 Subjects <input type="checkbox"/> Teacher <input type="checkbox"/> Other		

Section 2: September School Holiday Subject Selections Please enrol me into the following lectures (✓):

Unit 3 Lectures	Unit 4 Lectures
Unit 3 Accounting (\$55): <input type="checkbox"/> Entire Unit	Unit 4 Accounting (\$55): <input type="checkbox"/> Entire Unit
Unit 3 Biology (Choose 1 Session per Part) Part 1 Only (\$60): <input type="checkbox"/> Session 1 <input type="checkbox"/> Session 2 Part 2 Only (\$60): <input type="checkbox"/> Session 1 <input type="checkbox"/> Session 2 Part 1 & 2 (\$100): <input type="checkbox"/> Part 1 – Session 1 <input type="checkbox"/> Part 1 – Session 2 <input type="checkbox"/> Part 2 – Session 1 <input type="checkbox"/> Part 2 – Session 2	Unit 4 Biology (Choose 1 Session per Part) Part 1 Only (\$60): <input type="checkbox"/> Session 1 <input type="checkbox"/> Session 2 Part 2 Only (\$60): <input type="checkbox"/> Session 1 <input type="checkbox"/> Session 2 Part 1 & 2 (\$100): <input type="checkbox"/> Part 1 – Session 1 <input type="checkbox"/> Part 1 – Session 2 <input type="checkbox"/> Part 2 – Session 1 <input type="checkbox"/> Part 2 – Session 2
Unit 3 Business Management (\$55): <input type="checkbox"/> Entire Unit	Unit 4 Business Management (\$55): <input type="checkbox"/> Entire Unit
Unit 3 Chemistry (Choose 1 Session per Part) Part 1 Only (\$60): <input type="checkbox"/> Session 1 <input type="checkbox"/> Session 2 Part 2 Only (\$60): <input type="checkbox"/> Session 1 <input type="checkbox"/> Session 2 Part 1 & 2 (\$100): <input type="checkbox"/> Part 1 – Session 1 <input type="checkbox"/> Part 1 – Session 2 <input type="checkbox"/> Part 2 – Session 1 <input type="checkbox"/> Part 2 – Session 2	Unit 4 Chemistry (Choose 1 Session per Part) Part 1 Only (\$60): <input type="checkbox"/> Session 1 <input type="checkbox"/> Session 2 Part 2 Only (\$60): <input type="checkbox"/> Session 1 <input type="checkbox"/> Session 2 Part 1 & 2 (\$100): <input type="checkbox"/> Part 1 – Session 1 <input type="checkbox"/> Part 1 – Session 2 <input type="checkbox"/> Part 2 – Session 1 <input type="checkbox"/> Part 2 – Session 2
Unit 3 Economics (\$55): <input type="checkbox"/> Entire Unit	Unit 4 Economics (\$55): <input type="checkbox"/> Entire Unit
Unit 3 English Language (\$50): <input type="checkbox"/> Entire Unit	Unit 4 English Language (\$50): <input type="checkbox"/> Entire Unit
Unit 3 English Analysing Argument (\$45): <input type="checkbox"/> Session 1 OR <input type="checkbox"/> Session 2 <input type="checkbox"/> All About Eve (\$38) <input type="checkbox"/> Burial Rites (\$38) <input type="checkbox"/> Frankenstein (\$38) <input type="checkbox"/> I for Isobel (\$38) <input type="checkbox"/> Measure for Measure (\$38) <input type="checkbox"/> Medea (\$38) <input type="checkbox"/> The White Tiger (\$38)	Unit 4 English <input type="checkbox"/> Black Diggers & The Longest Memory (\$38) <input type="checkbox"/> Bombshells & The Penelopiad (\$38) <input type="checkbox"/> Invictus & Ransom (\$38) <input type="checkbox"/> Stasiland & 1984 (\$38) <input type="checkbox"/> The Crucible & Year of Wonders (\$38) <input type="checkbox"/> Tracks & Into the Wild (\$38)
Unit 3 Further Maths <input type="checkbox"/> Part 1 Only (\$45) <input type="checkbox"/> Part 2 Only (\$45) <input type="checkbox"/> Part 1 & 2 (\$75)	Unit 4 Further Maths Part 1: <input type="checkbox"/> Geometry & Measurement (\$45) OR <input type="checkbox"/> Graphs & Relations (\$45) Part 2: <input type="checkbox"/> Networks & Decision Maths (\$45) OR <input type="checkbox"/> Matrices (\$45)
Unit 3 Health & HD (\$55): <input type="checkbox"/> Entire Unit	Unit 4 Health & HD (\$55): <input type="checkbox"/> Entire Unit
Unit 3 Legal Studies (\$55): <input type="checkbox"/> Entire Unit	Unit 4 Legal Studies (\$55): <input type="checkbox"/> Entire Unit
Unit 3 Lectures & Unit 4 Lectures Continued Overleaf	Unit 4 Literature (\$55): <input type="checkbox"/> Entire Unit

"I wasn't expecting what I got.
Truly exceptional. Been hearing that TSFX is
awesome, experienced it myself today."

Student – Ilm College

"Overall a great and worthwhile program! Lecturers
pointed out not just the minimum, but what you
need for the highest marks."

Student – Presbyterian Ladies College



