



theschoolforexcellence

year 11 vce

the essentials - final exam preparation lectures

2010



the essentials - final exam preparation lectures

- ★ Powerful programs that will significantly improve VCE scores.
- ★ Expert instruction and advice from the TOP teachers across the state!
- ★ Longer programs to ensure that materials are addressed to examination standard.
- ★ 100s of potential exam questions, exam tips, tricks and solutions!
- ★ Thorough A+ notes (*not basic summaries*) that include everything you need to learn!
- ★ Save 100s of hours of study time!

FREE
Notes, Questions
& Exam Hints!
FREE Maths Exam
2 Analysis Lecture
Valued at \$200!

don't
miss out!

“TSFX lectures were fantastic for my VCE exam preparations. The sessions were conducted by great teachers who gave fantastic advice. The notes were clear, comprehensive and a cut above the rest! I've been to many different lectures, and honestly, TSFX has the best VCE lecture series out there!” - Student, Camberwell Grammar

minimise study time

Dates: Sunday 26th September - Sunday 3rd October 2010

maximise scores

Venue: The University of Melbourne

TSFX - Voted Number 1 for Excellence and Quality in VCE Programs

THE SCHOOL FOR EXCELLENCE

The School For Excellence is widely recognised for providing the highest quality programs available in Victoria. Our specialised programs are based on a unique system which ensures students receive the best opportunities to optimise their VCE scores. We believe that given the right opportunities and support, **EVERY** student has the potential to excel in their studies.

During the course of our lectures, students receive a complete and thorough instruction, and **NOT** just a simple overview of the basic principles of each subject. You will be taught by current and experienced VCE teachers - many of whom are authors of VCE textbooks, writers and markers of VCAA examinations, Chief Assessors and State Reviewers, as well as members of verification and review boards for VCE subjects. Teachers are carefully selected on the merits of their academic and professional achievements, and with special consideration to their communication skills. Our teachers are renowned for explaining concepts in a manner that students find very easy to understand! Our programs are fun, interactive and conducted in a relaxed and friendly atmosphere. Students are encouraged to participate in question time and discussion sessions and clarify individual concerns. **Don't miss out!**

THE ULTIMATE PREPARATION TOOL FOR THE END OF YEAR EXAMINATIONS

Our **"Essentials"** Lectures have been strategically scheduled to enable critical revision and consolidation of course materials and to decrease study commitments in the lead up to the final examinations. These powerful programs are the result of more than **17 years** of collaborative effort and expertise from **hundreds** of teachers and schools across the state, ensuring the highest possible quality resources and instruction for VCE students. Each subject lecture offers students detailed and comprehensive coverage of examinable materials as well as significantly more examination hints, tricks and instruction than that offered by any other program provider.

10 POWERFUL REASONS WHY YOU SHOULD ATTEND

YOU WILL derive **immeasurable benefit** from the advice, experience, insight and perspectives from **select teachers** from top ranking schools across Victoria. Teachers and past students consistently rate the programs and materials developed by TSFX **Number One** for Excellence and Quality.

YOU WILL eliminate the need to waste valuable study time preparing **notes**. Each student will receive a detailed and comprehensive set of notes that cover the required knowledge to an **A+ standard**. In addition, as our teachers examine and analyse the major text books used by Victorian schools, our course materials provide students with the added benefit and wisdom of the major resources used across the state, without having to read every textbook or resource available in Victoria. **Note:** To date, **NO OTHER** seminar provider has been able to match the quality and depth of materials that are issued to students who attend TSFX programs.

YOU WILL receive intense revision and consolidation of examinable materials in a simple step-by-step manner.

YOU WILL receive hundreds of examination style questions that have been **tailored for this year's exams!**

YOU WILL ensure that you have covered and **mastered** highly probable examination questions.

YOU WILL learn to interpret and solve those difficult analytical and problem solving questions and **master** the concepts that students find **difficult**, and that have been poorly addressed in past exams.

YOU WILL receive **intense instruction** regarding examination strategies, marking schemes, common exam tricks and student errors, as well as proven strategies that will optimise examination scores.

YOU WILL develop skills that will help you manage your time more effectively and complete tests and exam papers within the specified time.

YOU WILL significantly cut down on study time. You will cover at least 5 times as much theory and absorb 5 times as much information in our lectures than if you were to work through the materials on your own!

YOU WILL become highly motivated and more confident in ALL your studies.

YOU WILL gain a **distinct advantage** over your subject peers!

DON'T MISS OUT ON THESE EXCLUSIVE COURSE FEATURES – FREE OF CHARGE!

free lectures!

FREE Reference Notes For the Open Book Maths Exams!

Students enrolled into the Mathematics program will receive a comprehensive set of notes that may be used as their Reference Materials in the open book examination. In addition, students will receive a detailed list of the common errors made by students, prompts, exam tricks and watch-outs to ensure that valuable marks are not lost during the course of the examinations.

FREE Maths Methods Exam 2 Analysis Lecture - Valued at \$200

The **"open book"** style of testing that is used to assess students in Exam 2 has resulted in more difficult questions, with greater emphasis being placed on applications that are **NOT** typically covered in text books and other commercially available resources. This means that students need to possess strong mathematical skills/techniques, as well as significant experience in advanced applications if they are aiming for the higher scores.

Our unique **Maths Methods Exam 2 Analysis Lecture** offers students intense instruction in the skills and techniques that will be required to successfully address the analysis questions in the end of year mathematics examination. Students will gain vital exposure to advanced concepts and applications that do not widely appear in texts and manuals and obtain a unique collection of analysis questions to further consolidate and extend on taught skills.

This powerful lecture is valued at **\$200** and is available **FREE OF CHARGE** to those students who enrol into the Mathematical Methods (CAS) program as well as one other subject. **Vacancies are strictly limited.**

Date: Sunday 3rd October 2010 (9am - 1pm).



TIMETABLE

Sun 26 Sept 2010	Mon 27 Sept 2010	Tue 28 Sept 2010	Thur 30 Sept 2010	Fri 1 Oct 2010	Sat 2 Oct 2010	Sun 3 Oct 2010
9:30am - 12:30pm English/ESL (Part 1)	9:30am - 12:30pm Biology (Part 1)	9:30am - 12:30pm Biology (Part 2)	9:30am - 12:30pm Maths Methods (Part 1)	9:30am - 12:30pm Maths Methods (Part 2)	9:30am - 12:30pm Maths Methods (Part 3)	9:00am - 1:00pm Maths Methods Exam 2
1:30pm - 4:30pm English/ESL (Part 2)	Physics (Part 1)	Physics (Part 2)	2:00pm - 5:00pm Chemistry (Part 1)	2:00pm - 5:00pm Chemistry (Part 2)	2:00pm - 5:00pm Chemistry (Part 3)	Analysis Lecture



“There is no doubt that without TSFX I would not have done as well as I have. They really did help me achieve excellence.”

- Student, Huntingtower School

“Absolutely excellent notes. It was worth attending solely for the notes. I didn't have to do any summaries as the notes were so thorough.”

- Student, Presbyterian Ladies College (PLC)

BIOLOGY (2 PARTS - 6 HOURS)

The Biology lectures will provide students with a complete and detailed coverage of the Unit 2 course, including: **Adaptations of Organisms:** Biotic and abiotic environmental factors; structural adaptations, physiological adaptations (tolerance range of organisms; detecting and responding to changes in environmental conditions, nerve control, major sense organs, transmission of nerve impulses, hormonal control, regulating water balance, controlling temperature); behavioural adaptations (rhythmic activities, feeding behaviours; communication, social and territorial behaviours); reproductive adaptations, development and life cycles; plant tropisms and techniques used to monitor environmental change and species distribution. **Dynamic Ecosystems:** Ecological groupings, ecological niche; feeding relationships including parasite/host, predator/prey, mutualism and symbiosis; flow of energy, productivity; trophic levels and trophic efficiency; cycling of matter, biogeochemical systems; bioaccumulation; population dynamics, factors affecting distribution and abundance of organisms (birth and death rates, migration; changes to ecosystems over time, regular and irregular natural changes); succession, human activity and the sustainability of ecosystems), techniques for monitoring and maintaining ecosystems.

Teachers: **Mrs Juliet Anstee**, B.Sc. (Hons), Dip. Ed. (Senior VCE Teacher - Firbank Grammar School). **Mr Ian MacDonnell**, B.Sc. (Hons), Dip. Ed. (Senior VCE Teacher - University High School).

CHEMISTRY (3 PARTS - 9 HOURS)

The Chemistry program offers students detailed instruction in the examinable components comprising Unit 2, including: **Water:** Its special properties, structure and bonding, solubility and conductivity; dissociation, ionisation and separation of particles in water; calculation of mole and concentration, precipitation reactions, acids and bases, acid/base titrations, pH; redox reactions and the production of electricity in galvanic cells. **The Atmosphere:** Carbon, oxygen and nitrogen cycles; calculations and discussions regarding the behaviour of gases (kinetic molecular theory). Applications of the principles of green chemistry will be undertaken for both Areas of Study. Emphasis will be placed on examination tricks and analytical questions.

Teachers: **Ms Michelle Dickson**, B.Sc., Dip.Ed., M.Ed. (Senior VCE Teacher - Melbourne Girls' Grammar). **Ms Irena Jaskula**, Dip. App. Biol., B.Sc. (Hons), Dip. Ed., M.Sc. (Author and Senior VCE Teacher - TSFX). **Ms Chris Saunders**, B.Sc., Dip. Ed. (Senior VCE Teacher - Billanook College).

ENGLISH & ESL (2 PARTS - 6 HOURS)

These powerful lectures are designed to provide students with the necessary skills to address their final examinations to a high standard. Students will work through sample scenarios to gain a better understanding of what is required to secure the “A+ scores” and learn how to avoid the errors made by students in past examinations. Part 1 of this program will concentrate on the Text Response related components and skills relevant to Areas of Study 1 and 2. During this General Text Response lecture, we will build your confidence in writing structured, developed and coherent arguments that use detailed analysis. You will be shown how to add “flair” in your writing and how to effectively use detail from a text. The key elements necessary for outstanding text responses will be addressed and vital checklists will be issued. During Part 2 of this course, emphasis will be placed on Area of Study 3 - Using Language to Persuade. Students will develop their ability to understand and present their analysis about how points of view are presented in both written and visual texts, with attention being given to persuasive language techniques and persuasive writing skills. Building on your existing language analysis knowledge, this session will reinforce how to write a response that is controlled and employs language that is specific to the assessment criteria.

Teachers: **Mr Anthony Coyne**, B.Ed. M.Ed; Grad Dip Psych; Dip HM (VCAA Assessor & Senior VCE Teacher - St Kevin's College Toorak). **Ms Carolyn Stone**, M.Ed. (Curriculum), B.Ed(Sec). (Head of English - Xavier College).

MATHS METHODS (CAS) (3 PARTS - 9 HOURS)

During the course of our Mathematical Methods program, emphasis will be placed on the development of analytical and problem solving strategies, solving technology free questions as well as solving and checking questions effectively using technology. In addition, detailed instruction will be provided in the following topics: **Circular (Trigonometric Functions):** Angle conversions, exact values, complementary and supplementary rules, identities, solving trigonometric equations/inequations, graphing and transformations. **Exponential and Logarithmic Functions:** Simplifying and solving indicial and logarithmic expressions, graphing and transformations, exponential growth and decay, rules, domains, graphs and properties of inverse functions and relations. **Probability:** Sets, Venn diagrams, probability tables, tree diagrams, the addition and multiplication rules, conditional probability, permutations, combinations and other counting techniques, the law of total probability. **Calculus:** Limits (graphical and algebraic applications), first principles, differentiation by rule (including the Chain Rule, Product Rule & Quotient Rule), conditions for differentiability, gradients at specific points, tangents and normals, applications in curve sketching, maxima and minima, graphs of the derived function, rates of change and antidifferentiation.

Teachers: **Mr Michael Fitzgerald**, B.Ed., Post Grad Maths Ed. (Senior VCE Teacher - Melbourne High School). **Ms Irena Jaskula**, Dip. App. Biol., B.Sc. (Hons), Dip. Ed., M.Sc. (Author and Senior VCE Teacher - TSFX). **Ms Maria Schaffner**, B.Sc. Dip. Ed. (Senior VCE Teacher - Penleigh and Essendon Grammar School).

PHYSICS (2 PARTS - 6 HOURS)

The Physics program will provide intense instruction in the core areas of Unit 2, including, **Motion:** Uniform and non-uniform straight line motion, displacement-time and velocity-time graphs, equations of motion, Newton's laws, forces and energy (including the vector model of forces), forces acting on an inclined plane, work, conservation of energy, momentum, conservation of momentum and impulse. **Wave-Like Properties of Light:** During the course of this lecture, students will investigate the concept of light as a wave and use this model to explain a number of optical phenomena including reflection, polarisation, interference, refraction, total internal reflection, dispersion and colour. In addition, the wave model will be compared and contrasted to the particle model for light.

Teachers: **Ms Melanie Lane**, B.Sc., Dip.Ed (Head of Science - Haileybury College). **Dr. Greg Wilmoth**, B.Sc (Hons), Ph.D., Dip.Ed., Grad.Dip. Computing (Senior VCE Teacher - Haileybury College).

MASTERING THE EXAMS

This unique lecture is designed to provide students with the best opportunities to maximise examination scores. During the course of this program, students will learn vital skills that will help optimise performance in the examinations, as well as strategies that will maximise learning and cut down on study time! In addition, the following key topics will be addressed:

- The most effective (and time saving) learning techniques.
- The latest in learning theories.
- Planning and executing exam study timetables.
- Strategies that will maximise how much of each examination paper is answered correctly.
- Capitalising on consequential marks.
- Setting out answers so as to optimise examination scores.
- Errors made by past students, and how to avoid them.
- Combating “panic attacks” and “mind blanks”.



Valued at \$150 - This Program is **FREE OF CHARGE** to students. Students will, however, be required to make a paper note donation (\$5 minimum) to the **Fred Hollows Foundation** representatives that will be in attendance on the day.

Date & Time: Saturday 4th September 2010, 10:00am - 2:00pm.

Vacancies are strictly limited.

why choose the school for excellence?

We surveyed over 900 students who attended a recent course to see what they thought of the programs conducted by The School For Excellence. This is what these students said:

- 96% indicated that our programs raised concepts and exam strategies that students were not previously aware of.
- 97% indicated that our programs strengthened understanding of assessable course materials.
- 99% indicated that our programs were a valuable asset in examination preparation.
- Quality of notes: Only 1% of responses were in our competitors' favour.
- Quality of presentation: Only 3% of responses were in our competitors' favour.
- Benefits of programs: A mere 1% of responses were in our competitors' favour.

The overwhelming majority of students indicated that the programs conducted by The School For Excellence are superior to our competitors' courses!

where others claim, we deliver!

Like all educational institutions, The School For Excellence (TSFX) works with students to improve academic results, and to decrease the stresses and pressures associated with the VCE.

There are, however, marked differences between the various institutions, including variations in teaching philosophies and styles, how thoroughly subject materials are addressed, and the quality and quantity of support materials that are issued to students.

So how does The School For Excellence differ from the others?

Our programs are the result of 17 years of collaborative effort and expertise from dozens of teachers and schools across the state, ensuring the highest possible quality resources and teaching styles for VCE students. In addition to our unparalleled instruction and quality, students who attend our lectures enjoy the following unique and exclusive course features.

- An unparalleled reputation. The educational programs conducted by The School For Excellence are widely recognised for providing the highest quality programs in Victoria today. Teachers and past students consistently rate TSFX Number 1 for excellence and quality.
- The best teachers and the most successful methodologies. Our students benefit from the knowledge and experience of the best teachers in Victoria, ensuring they are prepared to a standard that is seldom achieved by only attending school. Our teaching philosophy is based on highly successful methodologies - systems that enable all students to reach their optimum academic performance!
- Superior examination preparation. We understand the needs of students and believe that in order to maximise VCE results, students need to be exposed to more than just simple overviews. Our programs are specifically designed to provide students with the best opportunities to maximise their performance in the VCE.
- We provide students with the most comprehensive subject notes available.
- A proven track history of unrivalled VCE success.

Teachers and students agree that TSFX is the pre-eminent VCE service provider in Victoria. Our reputation for excellence is built on our long history of highly successful students and the unparalleled quality of our teachers and study resources.

But above all, we have a reputation for producing outstanding results. This is because we believe in only one standard in the services we provide. **Excellence.**

application form - final exam preparation lectures 2010

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

The Program Coordinator, The School For Excellence, Level 1, 477 Collins Street, Melbourne, 3000. Fax: 9663 3939.

enrol online @
www.tsfx.com.au

Section 1: Applicant's Details

First Name:	Surname:		
Home Address:	Suburb:	Postcode:	
Telephone:	School Attending:		
Email Address:	Year Level at School:	<input type="checkbox"/> Yr 12	<input type="checkbox"/> Yr 11 studying Yr 12 subjects <input type="checkbox"/> Other

Section 2: Please enrol me into the following programs (please the appropriate lectures). PRICES INCLUSIVE OF GST.

- | | | |
|--|---|---|
| <input type="checkbox"/> Biology (Parts 1 & 2) (\$95) | <input type="checkbox"/> Chemistry (Parts 1, 2 & 3) (\$140) | <input type="checkbox"/> English (Parts 1 & 2) (\$95) |
| <input type="checkbox"/> ESL (Parts 1 & 2) (\$95) | <input type="checkbox"/> Maths Methods CAS (Parts 1, 2 & 3) (\$140) | <input type="checkbox"/> Physics (Parts 1 & 2) (\$95) |
| <input type="checkbox"/> Maths Methods Exam 2 Analysis Lecture (Please refer to the conditions on Page 3 for details on FREE Entry, otherwise a cost of \$200 applies). | | |
| <input type="checkbox"/> Mastering the Exams (This lecture is FREE to all students. A compulsory donation (\$5 minimum) to the Fred Hollows Foundation representatives is, however, required on the day.) | | |

Section 3: Payment Details

TOTAL PAYMENT ENCLOSED: \$ _____ BY ☐ Cheque ☐ Money Order ☐ MasterCard ☐ Visa **Please note: We do not accept Amex or Diners Club credit cards.**

Name on Credit Card: _____ Signature: _____

Card Number: Expiry Date: /

PLEASE NOTE: Do not send cash in the mail. Please make cheques / money orders payable to: **The School For Excellence**. Please **do not** submit more than one copy of your Application Form. Please use ONE form per student. Additional Application Forms are available at www.tsfx.com.au **These Lectures have been exclusively prepared for students enrolled in the VCE.**

CONDITIONS OF ENROLMENT: Admission documents, maps and confirmations will be sent by mail during the week commencing Monday 6th September 2010. As TSFX cannot accept responsibility for tickets that have been lost in the mail, students who have NOT received their tickets by 12 noon two days prior to their first enrolled lecture **MUST** contact our office to confirm their enrolment and arrange admission (9.30am-5.30pm Mon-Fri). The Closing Date for postal applications is 5pm three business days prior to the first enrolled lecture. Applications after this date must be in person, by facsimile or via the internet. Cancellations **MUST** be submitted in writing and received three business days before the first enrolled lecture, and will incur a \$10 service charge per subject. No refunds or credits will be issued for cancellations made after each closing date. The School For Excellence reserves the right to alter the advertised program details.