

THE SCHOOL FOR EXCELLENCE

Year 12 VCE

Summer School Head Start Programs

2010



Year 12 Summer School Head Start Programs

Our Summer School programs are specifically designed to provide students with a **vital head start** into Unit 3. Offering the most comprehensive preparation, each lecture will thoroughly address Unit 3 materials in advance of school and expose students to critical analytical/problem solving strategies and skills so as to maximise Unit 3 scores. Where applicable, emphasis will be placed on those sections of each course which have recently undergone or are undergoing changes in 2010. **Vacancies are strictly limited. Don't miss out!**

Dates: Thursday 7th January - Monday 25th January 2010

Venue: The University of Melbourne

FREE
VCE Lectures &
Resources Valued
at Over \$450
Exclusive to TSE
(See Page 2 for Details)

- Accounting • Biology • Business Management • CAS Technology Applications • Chemistry • Economics • English • ESL
- Further Mathematics • Health & Human Development • Information Technology - Applications • Legal Studies • Literature
- Mathematical Methods (CAS) • Physical Education • Physics • Psychology • Specialist Mathematics • Succeeding in the VCE

The School For Excellence

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tsfx THE SCHOOL FOR EXCELLENCE
WE BELIEVE IN ONLY ONE STANDARD. EXCELLENCE

VOTED NO.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, guidance 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 to clarify individual concerns. **Don't miss out!**

EXCLUSIVE BONUS LECTURES – FREE OF CHARGE!

Our Unique and Powerful Study Skills Lecture - "Succeeding in the VCE"

This unique lecture is designed to motivate, empower and organise students and ensure they are provided with the necessary skills and information to maximise their VCE scores. During the course of this program, students will learn about the **7 secrets to VCE success** and obtain valuable advice in the following key topics: The most effective and time saving learning techniques, deriving the most out of classes at school, time management, goal setting, managing procrastination, stress management, planning effective daily study timetables, preparing for the examinations as well as other key strategies used by past students to excel in the VCE. **Valued at \$150**, this exclusive lecture is **FREE OF CHARGE** to students who enrol in 2 or more Summer School subjects. Three session times are available (13, 19 & 25 January 2010).

Mathematics Open Book Reference Materials Lecture

The quality of the Reference Materials that students may bring into the end of year open book mathematics examination plays a major role in determining final mathematics scores. Preparation of these Reference Materials is a year-long project and requires significant research, experience and applications skills if students are to derive any real benefit from these materials in the exams. The fact that students may bring with them any text or bound set of prepared notes (there is no page limit) suggests that the questions that are likely to appear in the open book examination are not likely to be found in any commercially available text or resource. So how should students prepare their Reference Materials so that they derive the greatest benefit from them? What sort of materials should be included to help maximise scores? How do students access examples of questions and applications that could appear in this challenging examination?

Our Summer School Mathematics program has been extended by 90 minutes (60 minutes for Further Mathematics) so as to provide students with detailed instruction regarding the preparation of these valuable resources. This **powerful addition** to our programs is available exclusively to students attending our mathematics lectures, **FREE OF CHARGE!**

TEN POWERFUL REASONS WHY YOU SHOULD ATTEND

- **YOU WILL** receive **unparalleled** advice and instruction from Victoria's most reputed after hours education service provider. Teachers and past students consistently rate 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. **NO OTHER SEMINAR** provider to date has been able to match the quality and depth of materials that are issued to students who attend TSFX programs.
- **YOU WILL** cover materials to an **A+ standard** in a simple step-by-step manner. Our programs offer students the most comprehensive preparation for Unit 3 (up to 10.5 hours in select subjects!)
- **YOU WILL** learn how to interpret and solve those difficult analytical and problem solving questions and gain **advance exposure** to the various tricks that appear in tests and examinations.
- **YOU WILL develop skills** that will help you manage your time more effectively and complete tests and examinations within the specified time.
- **YOU WILL** obtain a **significant head start** into the Year 12 curriculum. Having a solid knowledge of course content in advance of covering materials at school will enable you to absorb more information in the classroom, resulting in a stronger understanding of course materials, less time being spent on homework and higher VCE scores!
- **YOU WILL** increase confidence and motivation levels as well as learn how to improve performance in **ALL** of your studies.
- **YOU WILL** learn the skills required to **out-perform** your peers in school based assessments.
- **YOU WILL** derive **immeasurable benefit** from the advice, experience, insight and perspectives from **select teachers** from the **top ranking** schools across Victoria.
- **YOU WILL** gain a **distinct advantage** over your state-wide subject peers!

Students who have attended our Summer School Programs in past years agree that these programs strengthened understanding of course materials, decreased workloads and stress levels at school, increased confidence and motivation and greatly improved performance in tests, assignments and exams! (See Page 4 for past student feedback).

*"Excellent lecturer. Engaging. Notes are amazing, well worth it."
Student, Brighton Secondary College*

FREE VCE RESOURCES - VALUED AT OVER \$300!

VCEdge Online is an educational resource designed to provide students with the best opportunities to optimise their Year 11 & 12 scores. **VCEdge Online** members receive over **\$300** worth of resources at **no charge**, including sample A+ essays and SACs, trial examinations with worked solutions, study skills and exam advice, formula sheets, cheat sheets, critical VCE updates, VCE newsletters, weekly study tips and much, much more! To secure your **FREE VCEdge Online** membership, please complete Section 1 of the Application Form on the back page of this brochure.

TIMETABLE

Repeat Lectures: The English lectures on 23-24 Jan 2010 are IDENTICAL to the lectures on 11-12 Jan 2010. The Chemistry and Maths Methods lectures on 20-22 Jan 2010 are IDENTICAL to the lectures on 7-9 Jan 2010.

Thur 7 Jan 2010	Fri 8 Jan 2010	Sat 9 Jan 2010	Mon 11 Jan 2010	Tues 12 Jan 2010	Wed 13 Jan 2010	Thur 14 Jan 2010	Fri 15 Jan 2010
9:30am - 12:30pm Chemistry (Part 1) 1:30pm - 5:00pm Maths Methods (Part 1)	9:30am - 12:30pm Chemistry (Part 2) 1:30pm - 5:00pm Maths Methods (Part 2)	9:30am - 12:30pm Chemistry (Part 3) 1:30pm - 5:00pm Maths Methods (Part 3)	9:30am - 11:30am English/ESL (Part 1) 12:00pm - 1:30pm English/ESL (Part 2) 2:30pm - 4:00pm English/ESL (Part 3)	9:30am - 11:00am English/ESL (Part 4) 11:30am - 1:30pm English/ESL (Part 5) 2:30pm - 4:00pm English/ESL (Part 6)	9:30am - 12:30pm Biology (Part 1) Physics (Part 1) 1:30pm - 5:00pm Specialist Maths (Part 1) Succeeding in the VCE (Session 1)	9:30am - 12:30pm Biology (Part 2) Physics (Part 2) 1:30pm - 5:00pm Further Maths (Part 1) Specialist Maths (Part 2)	9:30am - 12:30pm Biology (Part 3) Physics (Part 3) 1:30pm - 5:00pm Further Maths (Part 2) Specialist Maths (Part 3)
Mon 18 Jan 2010	Tues 19 Jan 2010	Wed 20 Jan 2010	Thur 21 Jan 2010	Fri 22 Jan 2010	Sat 23 Jan 2010	Sun 24 Jan 2010	Mon 25 Jan 2010
9:30am - 12:30pm Economics (Part 1) Psychology (Part 1) 1:30pm - 4:30pm Accounting (Part 1) Health & HD (Part 1)	9:30am - 12:30pm Economics (Part 2) Psychology (Part 2) 9:00am - 12:30pm Succeeding in the VCE (Session 2) 1:30pm - 4:30pm Accounting (Part 2) CAS Applications Health & HD (Part 2)	9:30am - 12:30pm Business Man. (Part 1) Chemistry (Part 1) (REPEAT) Literature (Part 1) 1:30pm - 4:30pm Legal Studies (Part 1) Maths Methods (Part 1) (REPEAT)	9:30am - 12:30pm Business Man. (Part 2) Chemistry (Part 2) (REPEAT) Literature (Part 2) 1:30pm - 4:30pm Legal Studies (Part 2) Maths Methods (Part 2) (REPEAT)	9:30am - 12:30pm Chemistry (Part 3) (REPEAT) 1:30pm - 4:30pm Maths Methods (Part 3) (REPEAT)	9:30am - 11:30am English/ESL (Part 1) (REPEAT) 12:00pm - 1:30pm English/ESL (Part 2) (REPEAT) 2:30pm - 4:00pm English/ESL (Part 3) (REPEAT)	9:30am - 11:00am English/ESL (Part 4) (REPEAT) 11:30am - 1:30pm English/ESL (Part 5) (REPEAT) 2:30pm - 4:00pm English/ESL (Part 6) (REPEAT)	9:00am - 12:30pm Succeeding in the VCE (Session 3) 1:30pm - 5:30pm IT - Applications Physical Education

ACCOUNTING (TOTAL: 2 PARTS - 6 HRS)

This lecture will focus on the elements involved in recording and reporting information using the double entry accrual-based system and will provide opportunities for students to develop their skills in all practical and theoretical aspects of the Unit 3 course. The information presented will provide a springboard for efficient and effective learning during Semester One. *Teacher: Mr Alan McAlister, B. Eco., Dip. Ed. (Senior VCE Teacher - Mazenod College).*

BIOLOGY (TOTAL: 3 PARTS - 9 HRS)

This lecture series will provide students with a complete overview of Unit 3 Biology, and will focus on the study of molecules and biochemical processes that are the indicators of life, including a review of the structure and function of DNA, genes and RNA. The role of proteins in cellular activities, applications of molecular biology, homeostasis, the role of signalling molecules in coordination and regulation, immune responses/disorders and acquired immunity are all topic areas that will also be thoroughly addressed. *Teacher: Mr Ian MacDonnell, B.Sc.,(Hons), Dip. Ed. (Senior VCE Teacher - University High School).*

BUSINESS MANAGEMENT (TOTAL: 2 PARTS - 6 HRS)

This lecture will focus on the operation of large-scale organisations (LSO's) with particular attention given to current issues confronting Australian organisations. We will examine the pressures that impact on organisations, and how they adopt different approaches toward achieving efficient and effective operations. An emphasis will be given to their internal structures and the role of management in achieving success; as measured by appropriate performance standards. A management focus will be given to the operations area of service and manufacturing organisations. *Teacher: Mr Alan McAlister, B. Eco., Dip. Ed. (Senior VCE Teacher - Mazenod College).*

CHEMISTRY (TOTAL: 3 PARTS - 9 HRS)

This series of lectures will provide students with a thorough presentation of the following Unit 3 studies: **Chemical Analysis:** Stoichiometry, volumetric and gravimetric analyses, acid-base and redox chemistry, principles, applications and interpretation of data derived from chromatographic and spectroscopic techniques. **Organic Chemical Pathways:** Structure, systematic nomenclature and common reactions of organic compounds, properties and production of esters and carboxylic acids. *Teacher: Ms Irena Jaskula, Dip. App. Biol., B. Sc. (Hons), Dip. Ed., M. Sc. (Author and Senior VCE Teacher - TSFX).*

ECONOMICS (TOTAL: 2 PARTS - 6 HRS)

These lectures will provide students with a thorough introduction to the market mechanism and the way resources are allocated in the Australian economy. The role of households, businesses and government in the market will be analysed and the different types of market structures will be discussed. Students will focus on the influence of a range of factors that influence living standards and the importance of each of the Federal Government's key economic goals. Students will also be updated on the current state of the Australian economy and how this may influence each of the government's economic goals and living standards. *Teacher: Mr David MacGregor, M.Com., G. Dip Ed., (Senior VCE Teacher - Mazenod College).*

ENGLISH/ESL (TOTAL: 6 PARTS - 10 HRS)

Reading and Responding to Texts: Parts 1 and 4 of the English course will address the skills that are fundamental in obtaining high marks in the Text response outcomes. Each of the necessary skills will be reinforced using examples from popular set texts. **Using Language to Persuade:** Parts 2 and 5 of the English course will teach important analytical skills including visual language and how to structure a language analysis. It will also teach the necessary skills for writing a point of view response to an issue as well as the skills for crafting your own point of view writing. **Creating and Presenting:** Parts 3 and 6 of the English course will focus on the skills and techniques required for writing expository, persuasive and imaginative responses to selected texts from Contexts. Vital hints and guidelines will be included.

FURTHER MATHEMATICS (TOTAL: 2 PARTS - 7 HRS)

Students will obtain thorough instruction in the key core principles including univariate and bivariate data, parameters in statistics, independent and dependent variables, lines of best fit, scatterplots, least squares regression lines, time series, moving averages, standardised scores and transformations. *Teacher: Ms Fiona Latrobe, B. App. Sci., Dip Ed., Cert. Comp., (Senior VCE Teacher - Ballarat Grammar School).*

HEALTH & HUMAN DEVELOPMENT (TOTAL: 2 PARTS - 6 HRS)

These lectures will investigate the health status of Australia's population as well as the biological, behavioural and social determinants that contribute to the variations in health status within Australia as compared to other developed countries. The National Health Priority Areas, the role nutrition plays with regards to health and its role in addressing the National Health Priority Areas will also be explored. Various models of health will form a focus and the role of VicHealth in promoting health will be discussed. Australia's health system will be analysed and government and non-government initiatives designed to promote healthy eating will also be examined. *Teacher: Mr Andrew Beaumont, B. App.Sci., Dip. Ed., VCAA Assessor, (Author and Senior VCE Teacher - St Bede's College).*

IT - APPLICATIONS (TOTAL: 1 PART - 4 HRS)

This comprehensive lecture will provide students with a solid introduction into both Areas of Study comprising Unit 3. Students will learn how to apply project management and problem-solving strategies to produce a solution and an information product (using database management software) and which meets the decision-making needs of a specific audience. The design, creation and evaluation of websites as well as network architecture, protocols and characteristics of network operating systems will also be addressed.

LEGAL STUDIES (TOTAL: 2 PARTS - 6 HRS)

This program will focus on the role of Parliament and the Courts, including the passage of bills through Parliament, the role of the Commonwealth Constitution, democratic and human rights, the jurisdiction of the law making powers of Parliament, the role played by the courts in law making, the strengths and weaknesses of the law-making bodies and the processes used to influence change and reform. *Teachers: Ms Kathy Lapsanas, B.A., Dip. Ed. (Senior VCE Teacher - Ivanhoe Girls Grammar School). Mr David Thomson, (Senior VCE Teacher - Caulfield Grammar School).*

LITERATURE (TOTAL: 2 PARTS - 6 HRS)

These lectures focus on the ways writers construct their work and how meaning is created for and by the reader. Consideration will be given to how the form of text affects meaning and generates different expectations in readers, the ways texts represent views and values and comment on human experience, and the social, historical and cultural contexts of literary works. *Teacher: Ms. Katy Marriner, B.A., Dip. Ed. (Senior VCE Teacher - St Columba's College).*

MATHEMATICAL METHODS (CAS) (TOTAL: 3 PARTS - 10.5 HRS)

During the course of these lectures, students will obtain a thorough coverage of relations, functions and their graphs (including composite functions, modulus functions, sums, differences and products of functions), the algebra involving logarithmic, exponential and trigonometric functions as well as calculus techniques and applications. *Teacher: Ms Irena Jaskula, Dip. App. Biol., B. Sc. (Hons), Dip. Ed., M. Sc. (Author and Senior VCE Teacher - TSFX).*

PHYSICAL EDUCATION (TOTAL: 1 PART - 4 HRS)

This lecture will provide students with a complete overview of Unit 3 including the National Physical Activity Guidelines, the assessment of physical activity, the promotion of physical activity, strategies that can be used to increase the physical activity undertaken by individuals and sub-groups and the physiological requirements of physical activity including energy systems, oxygen uptake and fatigue mechanisms. *Teacher: Mr. Bruce Baddeley, B.App. Sci., Dip.Ed., VCAA Assessor, (Senior VCE Teacher - Penleigh & Essendon Grammar School).*

PHYSICS (TOTAL: 3 PARTS - 9 HRS)

This series of lectures will focus on the first two Areas of Study: Motion in One and Two Dimensions, Electronics and Photonics; providing students with a comprehensive introduction to the required concepts, as well as exposure to highly likely examination questions. *Teachers: Mr Geoff Davies, B.Sc.(Ed.) (Senior VCE Teacher - Melbourne Grammar School). Dr. Greg Wilmoth, B. Sc (Hons), Ph.D., Dip. Ed., Grad. Dip. Computing (Head of Science and Senior VCE Teacher - Haileybury College).*

PSYCHOLOGY (TOTAL: 2 PARTS - 6 HRS)

The Psychology program offers an intense introduction into the three Areas of Study; The Brain and Nervous System, Visual Perception and States of Consciousness. An analysis of research methods including the effectiveness and appropriateness of research designs, and the application of statistical measures to the development of models and theories of psychology will also be investigated in detail. *Teachers: Ms Kerrie Ardley, B. Sc., Grad. Dip. Ed., M.Ed., VCAA Assessor (Senior VCE Teacher - St. Bede's College). Mr Anthony Coyne, B.Ed. M.Ed; Grad Dip Psych; Dip HM (Senior VCE Teacher - St Kevin's College Toorak).*

SPECIALIST MATHEMATICS (TOTAL: 3 PARTS - 10.5 HRS)

This program will provide students with detailed instruction in complex numbers, partial fractions, coordinate geometry, vectors, circular functions, advanced calculus techniques and applications. This vital series of lectures will certainly provide students a very strong head-start into this challenging subject. *Teachers: Mr Michael Fitzgerald, B.Ed., Post Grad Maths Ed. (Senior VCE Teacher - Mazenod College). Mr Chris Ireson, B. Ed. (Senior VCE Teacher - Melbourne High School).*

CAS TECHNOLOGY APPLICATIONS (TOTAL: 3 HRS)

These courses have been designed to unlock the power of the CAS and its applications in VCE tests and examinations. Students will be taught relevant key strokes and uses for each of the available calculator functions and programs, and learn how these functions can be applied to answer questions and/or check solutions in tests and exams. Lectures come complete with step by step manuals, fully worked examples and key strokes, together with common errors and how to avoid them.

For further information regarding our courses
(including additional teacher details) visit www.tsfx.com.au

