

HSC Summer School 2018

Year 12 Head Start Lectures

Venues: University of Sydney (Camperdown) **Dates:** Monday 8th – Tuesday 23rd January 2018



2018

Includes bonus lectures valued at \$300 – FREE!*



The School For Excellence
PO Box r1407, Royal Exchange
Sydney, NSW, 1225

Save **100s** of hours in study time!
Get ahead & **reduce stress** in 2018
Learn how to **maximise** examination marks
Receive detailed **A+ notes** (not basic summaries)
Delivered by **qualified** HSC teachers & HSC
exam assessors (not university students)
Get a **huge advantage** over your state-wide peers!

HSC Summer School – Year 12 Head Start Lectures



About TSFX

The School For Excellence (**TSFX**) is an education provider that specialises in the development of high quality lectures and resources for HSC students. Our programs are based on a **unique system** that ensures students receive the **best opportunities** to maximise their HSC marks. We believe that, given the right opportunities, guidance and support, **EVERY** student has the potential to excel in their studies.

Get Ahead. Reduce Stress. Maximise Your HSC Marks.

The summer break gives students the opportunity to get ahead in their studies, and reduce stress levels and study loads in 2018.

Students who **work through subject materials in advance** will quickly see the benefits when the same topics are covered at school. While other students struggle to understand new concepts being presented in class, you'll be hearing this information for the second time. As a result:

- Your understanding of examinable materials will increase.
- You'll write fewer notes in class, allowing you to direct your full attention to what your teachers are saying.
- Your ability to **apply concepts** will greatly improve.
- You'll get more out of your classes at school, reducing the need for private tutors.

- You can use the time spent in class consolidating your learnings and asking your teachers the tough and insightful questions you wouldn't usually think of until you're revising for a test or exam.
- You won't get stuck on questions as frequently, reducing the time you'll need to spend on homework.
- You'll develop more confidence in your abilities.
- You'll be less likely to procrastinate your studies, reducing stress levels and study loads across the year.
- You'll achieve higher HSC marks.

Working through topics for the second time at school has the **added benefit of ingraining examinable materials deeper into long-term memory**, decreasing the time and effort that is needed to prepare for tests and exams! Your **assessment marks** will also **significantly improve**, giving you that added advantage in the quest for the highest possible ATAR.

Working through materials on your own, however, can be tedious, time-consuming and ineffective. Our Summer School – Head Start program has therefore been designed to help you **secure the best possible advantage** in the HSC in a time-efficient and relatively painless manner!

When You Attend Our Summer School Program:

- You will work through **key HSC topics** to an **A+ standard**, in a relaxed, step-by-step manner.
- You will receive **advance exposure** to examination-style questions.
- You will learn the problem-solving skills that are needed to secure the **higher examination marks**.
- You will receive **valuable advice** from prominent and successful teachers and exam assessors, giving you a **further edge** in the HSC.

Detailed and comprehensive **A+ notes** will be provided in each subject.

"TSFX is definitely better than going to a tutor; you get everything you need to know in three simple booklets that'll save you hours of studying."

Student, Manly Selective Campus

Timetable – The University of Sydney (Camperdown)

Note: Repeat sessions of a particular subject are IDENTICAL. For example, the Chemistry lectures on 8 – 10 Jan 2018 are identical to the Chemistry lectures on 16 – 18 Jan 2018.

Mon 8 Jan 2018	Tue 9 Jan 2018	Wed 10 Jan 2018	Thur 11 Jan 2018	Fri 12 Jan 2018	Sat 13 Jan 2018	Sun 14 Jan 2018	Mon 15 Jan 2018
9:30am – 12:30pm Chemistry (Part 1) 1:30pm – 4:30pm Mathematics (Part 1)	9:30am – 12:30pm Chemistry (Part 2) 1:30pm – 4:30pm Mathematics (Part 2)	9:30am – 12:30pm Chemistry (Part 3) 1:30pm – 4:30pm Mathematics (Part 3)	English Lectures 9:00am – 11:00am Part 1: Reading Task 11:30am – 1:30pm Part 2: Creative Writing 2:30pm – 4:30pm Part 3: Discovery	English Lectures 9:00am – 10:30am Part 4: Module A 11:00am – 12:30pm Part 5: Module C 1:30pm – 3:00pm Part 6: Individual Texts 3:30pm – 5:00pm Part 7: Module B	9:30am – 12:30pm Biology (Part 1) Physics (Part 1) 1:30pm – 4:30pm General Maths 2 (Part 1) Maths Ext 1 (Part 1)	9:30am – 12:30pm Biology (Part 2) Physics (Part 2) 1:30pm – 4:30pm General Maths 2 (Part 2) Maths Ext 1 (Part 2)	9:30am – 12:30pm Biology (Part 3) Physics (Part 3) 1:30pm – 4:30pm General Maths 2 (Part 3) Maths Ext 1 (Part 3)
Tue 16 Jan 2018	Wed 17 Jan 2018	Thur 18 Jan 2018	Fri 19 Jan 2018	Sat 20 Jan 2018	Sun 21 Jan 2018	Mon 22 Jan 2018	Tues 23 Jan 2018
9:30am – 12:30pm Chemistry (Part 1) REPEAT 1:30pm – 4:30pm Mathematics (Part 1) REPEAT Maths Ext 2 (Part 1)	9:30am – 12:30pm Chemistry (Part 2) REPEAT 1:30pm – 4:30pm Mathematics (Part 2) REPEAT Maths Ext 2 (Part 2)	9:30am – 12:30pm Chemistry (Part 3) REPEAT 1:30pm – 4:30pm Mathematics (Part 3) REPEAT Maths Ext 2 (Part 3)	9:00am – 12:30pm Economics (Part 1) Legal Studies (Part 1) 1:30pm – 4:30pm Business Studies (Part 1) Modern History (Part 1) PDHPE (Part 1)	9:30am – 12:30pm Economics (Part 2) Legal Studies (Part 2) 1:30pm – 4:30pm Business Studies (Part 2) Modern History (Part 2) PDHPE (Part 2)	REPEAT English Lectures 9:00am – 11:00am Part 1: Reading Task 11:30am – 1:30pm Part 2: Creative Writing 2:30pm – 4:30pm Part 3: Discovery	9:00am – 12:30pm Advanced Study Skills – FREE* REPEAT English Lectures 1:30pm – 3:00pm Part 4: Module A 3:30pm – 5:00pm Part 5: Module C	9:00am – 12:30pm Essay Writing Skills – FREE* 1:30pm – 4:30pm Studies of Religion (I & II)

FREE* Bonus Lectures *See Page 5 for Details

HSC Edge Online is an online resource portal that provides exclusive resources to help HSC students maximise their HSC marks. Members receive access to thousands of pages of notes, tests, trial examination papers, pracs, A/A+ essays and projects at no charge. Get your edge in the HSC for free at www.tsfx.com.au.

"Great teacher with great explanations. Well worth the money!"

Student – Gosford Selective High School

What Will be Covered at Summer School?

Biology (3 Parts – 9 Hours)

These sessions will provide students with a solid coverage of the first two Core Modules in Biology: **Blueprint of Life** (including evolution, Mendelian and non Mendelian inheritance, chromosomal theory, DNA structure, mutation, gene theory, reproductive technologies); **Maintaining a Balance** (including enzymes, homeostasis, temperature regulation, nutrient and water balance and control and related technologies). *Head Teachers: Ms Deborah Delaney (Sydney Grammar School) & Mr Justin Varjavandi (Barker College).*

Business Studies (2 Parts – 6 Hours)

These lectures will focus on Topic 1: **Operations** and Topic 2: **Marketing**. In the first lecture, the key characteristics of Operations will be investigated with the focus of this topic on the strategies for effective operations management in a large business. The second lecture will focus on the main elements involved in the development and implementation of successful marketing strategies. Both lectures will include practical examples and a step-by-step guide to answering HSC style questions. *Head Teacher: Mr Greg Hannelly (St Edward's College).*

Chemistry (3 Parts – 9 Hours)

These sessions will provide students with a solid coverage of the first two Core Modules in the Chemistry HSC course. **Production of Materials:** Addition and condensation polymerisation, the role and importance of ethanol as a resource, heat of combustion calculations, applications of electrochemistry and an introduction to nuclear chemistry. **Acidic Environment:** The role of indicators, the nature and properties of acids and esters in industry and the environment, calculations involving volumes of gases and pH, titrations and other practical and theoretical aspects of volumetric analysis. *Head Teachers: Dr Erin Sheridan (Sydney Grammar School) & Mr Scott Hazelton (Orange Anglican Grammar School).*

Economics (2 Parts – 6 Hours)

During the course of **Part 1**, students will examine the features of the global economy with particular attention to economic growth and economic development underpinned by globalisation. A framework for the treatment of the compulsory case study of an economy other than Australia will also be offered. During **Part 2**, students will learn about Australia's trade and financial flows with a strong focus on key linkages between balance of payments (BOP) accounts. The issues



Don't waste time writing notes! When you attend our Summer School, you will receive a detailed and comprehensive set of notes that cover examinable materials to an **A+ standard**. **Note:** To date **NO OTHER** HSC program provider has been able to match **the quality** and depth of materials that are issued to students who attend TSFX programs.

associated with trends in the BOP will be discussed, as will an evaluation of sustained external imbalances in the Australian Economy. Exchange rates and the effect of fluctuations in the value of the Australian Dollar on the BOP will also be addressed. *Teachers: Mr Matt Bookalili (Knox Grammar School) & Mr Neal Townley (Sydney Grammar School).*

English Advanced & Standard

- Part 1:** Reading Task (Discovery)
- Part 2:** Creative Writing (Discovery)
- Part 3:** Area of Study (Discovery)
- Part 4:** Module A Lectures
- Part 5:** Module C Lectures
- Part 6:** Individual Text Lectures (Discovery)
- Part 7:** Individual Text Lectures (Module B)

The Examination Paper 1 lectures (Parts 1, 2, 3 and 6) are designed to provide insights into the conventions and developments in the Area of Study, Discovery. These lectures will deconstruct the Board of Studies rubric, examination marking schemes and guide students in the process of composing formal persuasive responses. Importantly, they provide insights that only come with experience in working closely with directives from the Board and the Marking Centre, and demonstrate the means by which students can achieve the higher Bands. The Examination Paper 2 lectures (Parts 4 and 5) provide insights into the expectations of the Marking Centre concerning Modules A and C. They provide valuable advice on the Modules' rubric and the close analysis of texts, in accordance with directives in the Stage 6 Prescriptions document. Students will be divided into separate groups according to their chosen electives. During the Module B lectures (Part 7), students will be given informed, specific advice on close technical analysis of selected English Advanced Module B texts. These lectures are structured with an intense focus on the influence of contextual circumstances on values, and the appreciation of textual integrity.

Please refer to [Page 2](#) for dates and times. Please refer to the application form for the Individual Text details (Parts 6 & 7).



Attending Summer School will **save you countless hours in study time!** Not only is it faster to have an experienced teacher take you through course materials, the delivery processes used in our programs will enable you to work through **five times more** information than if you were to work through the same topics on your own!

Legal Studies (3 Parts – 9 Hours)

Part 1 of this program will focus on **Human Rights** and the extent to which legal systems promote such rights. Students will investigate the relationship between state sovereignty and human rights, the development and preservation of such rights and the difficulties faced with their enforcement. Part 2 will focus on **Crime** and will include a detailed investigation of criminal law and the criminal justice system through a range of contemporary examples. Law reform, the extent to which law balances the rights of victims, offenders and society, as well as the effectiveness of legal and non-legal measures in achieving justice will also be addressed. *Head Teacher: Ms Gauri Gupta (Loreto Normanhurst).*

Mathematics (3 Parts – 9 Hours)

These lectures are designed to cover and extend on the important HSC topics of Differentiation and Geometrical Applications of Calculus, review important units from the Preliminary course, and provide a solid introduction to Integration and its Applications as well as Exponential and Logarithmic Functions. *Head Teacher: Mr Stuart Brunsdon (Cranbrook School).*

Mathematics Extension 1 (3 Parts – 9 Hours)

Students will obtain thorough instruction in the following principles: Polynomials and Iterative Methods, Locus and Parabola (including parametric equations), Circle Geometry, Geometric Applications of Differentiation. Trigonometry, Permutations and Combinations and Mathematical Induction. *Head Teacher: Mr Peter Muddle (Covenant Christian School).*

Mathematics Extension 2 (3 Parts – 9 Hours)

The Mathematics Extension 2 course contains a number of complex concepts and applications. There is so much new content to master, and so getting a head start is particularly important in this subject. These lectures will provide students with detailed instruction in Integration, Circular Motion, Polynomials and Conics. *Head Teacher: Mr Rob Fuller (Sydney Grammar School).*

Mathematics General 2 (3 Parts – 9 Hours)

These lectures will focus on providing essential instruction in the five key strands of Measurement, Financial Mathematics, Probability, Algebraic Modelling and Data Analysis. Students will also work through key questions from recent HSC examinations and develop the application skills required to perform well in tests and exams. *Head Teacher: Mr Adrian Kruse (Macarthur Anglican College).*

Modern History (2 Parts – 6 Hours)

Part 1 of this program will focus on the **Core Unit: World War One 1914 – 1919: A source based study.** This lecture will involve a series of 'hands on activities' where students are provided with the opportunity to improve their examination technique by differentiating between the validity and usefulness of the various sources. In **Part 2**, students will be divided into groups so that they may obtain instruction specific to their chosen **National Study**. *Head Teachers: Mr Christopher Bradbury (The Kings' School) & Mr Robert Skinner (SCECGS Redlands).*

PDHPE (2 Parts – 6 Hours)

During the course of these lectures, students will examine the health status of Australians, the current health priorities in Australia, analyse national health issues and the roles that health promotion and health services play in achieving better health for all Australians. These lectures will also focus on factors that affect performance. Students will explore the physical and psychological bases of performance including the contribution of energy systems, skill development, nutrition and psychology. *Head Teacher: Mr Wayne Adams (Sydney Grammar School).*

Physics (3 Parts – 9 Hours)

During the course of these lectures, emphasis will be placed on the first two Core Modules of the HSC Physics course. Topics that will be addressed include: **Space:** Gravitational fields, potential energy, projectile motion, escape velocity, circular motion (satellites), space travel, Michelson-Morely experiment and special relativity;

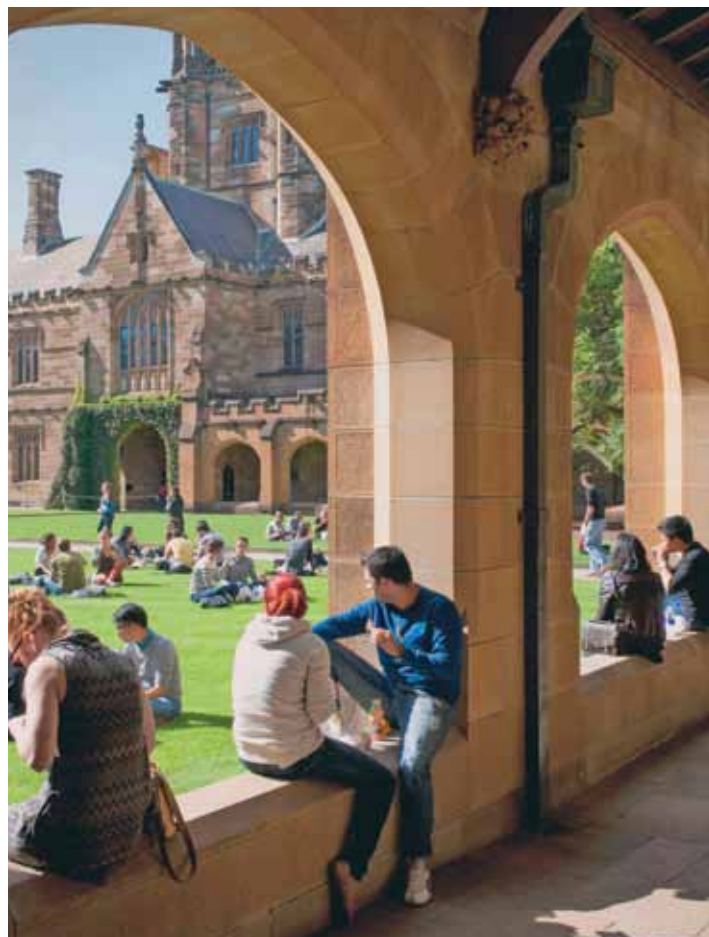
Why Should I Attend?

- **YOU WILL** obtain a significant head start into the 2018 HSC syllabus and maximise assessment marks.
- **YOU WILL** cover materials to an **A+ standard** in a simple step-by-step manner. Our programs offer students the most detailed and comprehensive preparation for the HSC (up to 12 hours in select subjects).
- **YOU WILL** receive unparalleled advice and instruction from NSW's **most trusted** lecture program provider. Teachers and past students consistently rate TSFX number one for excellence and quality.
- **YOU WILL** learn how to interpret and solve the difficult analytical/problem-solving questions and gain **advance exposure** to the various tricks that appear in tests and examinations.
- **YOU WILL** learn what is required to **out-perform** your peers in school-based assessments.
- **YOU WILL** increase confidence and motivation levels and learn strategies that will improve your performance in ALL of your studies.
- **YOU WILL** gain a **distinct advantage** over your HSC peers!

Motors and Generators: D.C. motors, speakers, galvanometers, Faraday's induction, generators, transformers, induction cookers, electromagnetic braking, transmission of electrical power and A.C. motors. *Head Teachers: Mr Greg Nunan & Mr Andrew Timmis (Knox Grammar School).*

Studies of Religion I and II (1 Part – 3 Hours)

This lecture will focus on religious expression in Australia's multicultural and multifaith society since 1945, with particular emphasis on Aboriginal beliefs and spiritualities. Students will also receive valuable advice relating to the Religious Traditions Depth Studies and how to critically assess texts and apply knowledge specifically to a question, rather than just reproduce content in tests and exams. *Teacher: Ms Caitlin Solomonides (Knox Grammar).*



Exclusive Bonus Lectures – Valued at \$300 – Free*!

Advanced Study Skills Lecture

This unique lecture is designed to motivate, empower and organise students, and ensure they have the skills and information that will be required to maximise HSC marks. Students will also receive exclusive advice and instruction in the following key topics:

- The 7 secrets to HSC success.
- Strategies used by past students to excel in the HSC.
- The most effective and time-saving learning and revision techniques.
- Keeping learned materials in memory for longer periods of time.
- Getting the most out of classes at school.
- Motivation, managing stress and procrastination remedies.
- Planning effective daily study timetables.
- Optimising cognitive function.
- Preparing for the examinations.

Valued at over \$150, this lecture is ***FREE** when you make a \$10 donation to The Fred Hollows Foundation on the day. This lecture is **exclusive** to students attending our Summer School program.

English (Advanced & Standard) Essay Writing Skills

Regardless of how well you perform in your other studies, your two best English units will be used to determine a significant portion of your ATAR. Every student should therefore be giving this all-important subject as much attention as possible if they want to **maximise their ATAR** result.

Students aiming for the higher marks need to provide responses that clearly stand out above other students' papers, which is a **challenging task** when you consider that each response is marked by multiple assessors, and that over **70,000** students sit an English examination each year!

It has been repeatedly shown that the students who can skilfully shape their ideas and arguments and show sophistication and flair in their writing will receive the higher English marks. Our **"English Essay Writing Skills"** lecture will provide systematic, **foolproof strategies** that will enable students to construct sophisticated and rational arguments that will persuade markers of your point of view. You will also gain an understanding of the role of technical analysis in a structured argument, and connect concepts, themes and ideas with your discussion of techniques.

Essay scaffolds and models will be provided, simplifying the complex and bewildering task of composing an English essay. By incorporating practical steps, exercises and detailed examples, this lecture will boost students' confidence in English and will greatly improve your HSC marks!

Valued at \$150, this lecture is **FREE** when enrolling into two or more subject lectures, and **\$75** when enrolling into one entire subject.

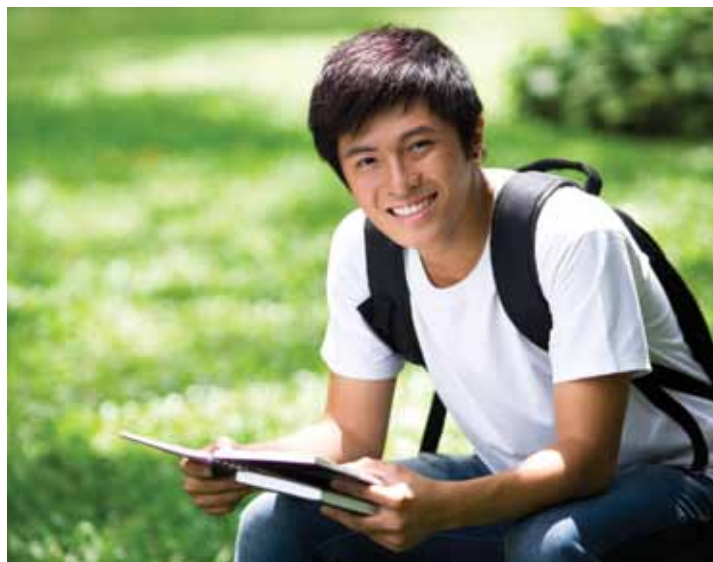


96% of students who attended our recent "Summer School" indicated they would recommend this program to future students.

Why Choose TSFX?

The HSC is a **big investment** in your future, and you'll want to be sure that you're choosing the right lecture program provider. Here are some reasons why we think you should choose TSFX to help you achieve your HSC goals:

- We provide **our students** with the most detailed and comprehensive subject notes available in NSW.
- Our programs are of the highest quality. We're constantly investing in our courses and materials so that students receive **every possible advantage** in the HSC.
- Not only do the teachers presenting TSFX lectures possess years of experience teaching the HSC in the **top performing** schools across the state, they also have **significant experience** in lecturing and examination marking and/or writing, and are always up to date with the changes in examination trends and marking schemes.
- TSFX offers a **proven track history** of unrivalled HSC success. We get results, and we can make a significant difference to your HSC marks.
- To date, **NO OTHER HSC PROVIDER** has been able to match the quality and depth of materials that are issued to students who attend TSFX programs.



"The lectures were well worth it. I enjoyed every minute and they helped me understand everything I needed help with."

Student, Manly Selective Campus

"Excellent presentation, choice of teacher, entertaining, concise and efficient. Most importantly, kept me interested and attentive. 5 stars!"

Student, Patrician Brothers College

Application Form: Summer School – HSC Head Start Lectures 2018

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

The Program Coordinator, The School For Excellence, PO Box R1407, Royal Exchange, Sydney, NSW, 1225.


Tel: 1300 364 173 Fax: 1300 364 065 Email: admin@tsfx.com.au ABN: 70 066 955 128

enrol online @
www.tsfx.com.au

Section 1: Applicant's Details **Please add us to your address book or safe list (hsc@tsfx.com.au).**

First Name:	Surname:	
Home Address:	Suburb:	Postcode:
Phone (Applicant):	School Attending:	
Email Address:		
Year Level: <input type="checkbox"/> Yr 11 studying Yr 12/accelerated subjects in 2018 <input type="checkbox"/> Year 12 in 2018 <input type="checkbox"/> Teacher <input type="checkbox"/> Other: _____		
Parent Email Address:		Parent Phone (If Applicant is Under 18):

Section 2: Please enrol me into the following programs (please ✓ the appropriate lectures).

<input type="checkbox"/> Biology (\$165) <input type="checkbox"/> Business Studies (\$110) <input type="checkbox"/> Chemistry (\$165) <input type="checkbox"/> Chemistry REPEAT (\$165) <input type="checkbox"/> Economics (\$110) <input type="checkbox"/> Legal Studies (\$110)	<input type="checkbox"/> Mathematics (\$165) <input type="checkbox"/> Mathematics REPEAT (\$165) <input type="checkbox"/> Maths Extension 1 (\$165) <input type="checkbox"/> Maths Extension 2 (\$165) <input type="checkbox"/> General Maths 2 (\$165)	<input type="checkbox"/> Modern History (Part 1): WW1 (\$55) <input type="checkbox"/> Modern History (Part 2): Germany (\$55) <input type="checkbox"/> Modern History (Part 2): Russia/Soviet Union (\$55) <input type="checkbox"/> PDHPE (\$110) <input type="checkbox"/> Physics (\$165) <input type="checkbox"/> Studies of Religion I and II: (\$55)
English Advanced (Parts 1– 5) (\$165): <input type="checkbox"/> Thur 11th & Fri 12th Jan 2018 <input type="checkbox"/> Sun 21st & Mon 22nd Jan 2018	Module A (✓ Elective): <input type="checkbox"/> Intertextual Connections <input type="checkbox"/> Intertextual Perspectives	Module C (✓ Elective): <input type="checkbox"/> Representing People & Politics <input type="checkbox"/> Representing People & Landscapes
English Standard: <input type="checkbox"/> Thur 11th & Fri 12th Jan 2018 (Parts 1–5) (\$165) <input type="checkbox"/> Sun 21st Jan 2018 (Parts 1–3 ONLY) (\$110)	Module A (✓ Elective): <input type="checkbox"/> Distinctive Voices <input type="checkbox"/> Distinctively Visual	Module C (✓ Elective): <input type="checkbox"/> Exploring Interactions <input type="checkbox"/> Exploring Transitions
English Advanced & Standard (Part 6): Area of Study (Discovery) – Individual Text Lectures (✓): <input type="checkbox"/> Away (\$28) <input type="checkbox"/> Go Back & The Response (\$28) <input type="checkbox"/> Poetry – Frost (\$28) <input type="checkbox"/> Poetry – Gray (\$28) <input type="checkbox"/> The Tempest (\$28)		
English Advanced (Part 7): Module B – Individual Text Lectures (✓): <input type="checkbox"/> Hamlet (\$28) <input type="checkbox"/> Poetry – T S Eliot (\$28) <input type="checkbox"/> Poetry – W B Yeats (\$28)		
English Essay Writing Skills: <input type="checkbox"/> Tuesday 23rd January 2018 <input type="checkbox"/> I qualify for free entry <input type="checkbox"/> \$75 <input type="checkbox"/> \$150	Advanced Study Skills: <input type="checkbox"/> Monday 22nd January 2018 Entry by \$10 donation	 The Fred Hollows Foundation

Section 3: Payment Details **Please Note:** Do not send cash in the mail. Please make cheques/money orders payable to “The School For Excellence”.

Total Payment Enclosed: \$	BY <input type="checkbox"/> Cheque <input type="checkbox"/> Money Order <input type="checkbox"/> MasterCard <input type="checkbox"/> Visa	Please note: We do not accept Amex or Diners Club credit cards
Name on Credit Card:	Signature:	
Card Number: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Expiry Date: <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/>	CCV: <input type="text"/> <input type="text"/> <input type="text"/> Last 3 digits on the back of your card

Conditions of Enrolment



An **initial confirmation of your enrolment** will be sent **by email** following the receipt of your application. Maps, theatre details and **final confirmations** will also be sent **by email**, one week before your first lecture. If you haven't received your final confirmation email **two days** prior to your first enrolled lecture, please contact our office (10am-5pm Mon to Fri). Please check your **SPAM FOLDERS** before calling. The closing date for postal applications is 5pm three business days prior to your first lecture. Applications after this date must be by phone, facsimile, in person or via our online form. Cancellations **MUST** be submitted in writing **at least** three business days before the respective lecture, and will incur a \$10 service charge per subject. No refunds or credits will be issued for cancellations made after each closing date. TSFX reserves the right to alter the advertised program details.