

SACE Stage 2

2019

AEC Winter Revision Program

Tue 9 - Fri 12 July and/or

Mon 15 - Thur 18 July

Maths Methods | General Maths | Specialist Maths
Physics | Chemistry | Biology | Nutrition | Legal Studies
Psychology | Accounting | PE | English Literary Studies
Essay/Report Writing | Performance Plus Study Skills

"The perfect support for year 12." Andrew R.

"This was by far the most helpful and productive way I could have spent my school holidays. Well worth the money spent and highly recommended." Abbey H.

"The seminar leader continually maintained a core focus on all topics ensuring presentations were informative and interesting." Liana T.

"I'm coming every holidays! It was well worth it." Kirby V.

"Absolutely fantastic! Great to get a different perspective." Tim S.

"Well worth it. Excellent help for this point during the year." Chelsea K.

"The seminar did live up to my expectations, in fact, it exceeded my expectations." Steven H.



Adelaide Education Consultants



Adelaide
Education Group

www.aeg.sa.edu.au

Level 30, Westpac House, 91 King William St., Adelaide

Seminar Venue - St Mary's College, 253 Franklin St, Adelaide

Email - enquiries@aeg.sa.edu.au Fax - 08 8233 5858

Celebrating 40 years in 2019



Welcome Parents & Students

The 2019 AEC SACE Winter Revision Program will be conducted at 253 Franklin Street at St Mary's College, near West Terrace. The College offers an idyllic learning environment, free car parking for students off Grote Street and easy "drop off-pick up" access at the front of the College on Franklin Street. It is within easy walking distance of trains, trams and bus stops including the Franklin Street Bus Station.

If students are taking morning and afternoon sessions they can bring their own lunch, or access the numerous cafes in Grote Street, Franklin St and West Terrace. Further information concerning the venue and the free car parking facilities will be forwarded with the Confirmation of Enrolment.

2019/20 Programs:

2019 Autumn:	Mon 15 - Thu 18 April Up to 3 full subjects can be taken
2019 Winter:	Tue 9 - Fri 12 July &/or Mon 15 - Thu 18 July Up to 4 full subjects can be taken
2019 Spring:	Tue 1 Oct - Fri 4 Oct &/or Mon 7 Oct - Thu 10 Oct Up to 4 full subjects can be taken
2020 Headstart:	Wed 8 - Fri 10 January

The ONLY SACE Revision Programs in South Australia offering incredible subject option flexibility and amazing value!

Over 35,000 students have chosen our holiday courses since 1980!

More than 500 Home and Online tutors are ready to assist you.

Subjects

SACE Stage 2 Maths Methods

Tue 9 - Fri 12 July 9.30 am - 12.30 pm OR

Mon 15 - Thu 18 July 9.30 am - 12.30 pm

Day 1: Differentiation. First principles, chain rule, product rule, quotient rule as applied to functions x^n , e^x , $\ln x$ and trig functions.

Day 2: Equation solving for the above functions. Applications of calculus to tangents and graphing.

Day 3: Further appls. of calculus to rates of change, motion & optimization.

Day 4: Integration fundamental ideas and processes.

The above topics cover the Calculus content of the SACE Subject Outline and corresponds to the first half of the Haese textbook.

Students are requested to bring their Graphics Calculator.

Seminar Leader: Mr Tony Thompson BSc Dip Ed Dip T Grad Dip Ed Admin.

Tony has been teaching for over 40 years and has been a Mathematics Coordinator for 29 years. In recent years Tony has been invited to lecture on methodology at Year 12 Mathematics teacher conferences and is a current co-author of the Year 12 Haese and Haese Mathematics publications.

SACE Stage 2 General Maths

Tue 9 - Fri 12 July 9.30 am - 12.30 pm OR

Mon 15 - Thu 18 July 9.30 am - 12.30 pm

Day 1. Topic 3. Statistical Models.

Day 2. Topic 4. Financial Models.

Day 3. Topic 5. Discrete Models.

Day 4. Mathematical Investigations Workshop.

What makes an excellent Mathematical Investigation Report? (This report is worth 30% of your assessment)

Seminar Leader: Mr Craig Smith B App Sc (Mathematical and Computer Modelling) Grad Dip Ed. Craig is a highly recommended Maths teacher who

has been teaching for 14 years. Craig is a past examiner, has been involved in the SACE Maths Moderation process for 5 years.

SACE Stage 2 Specialist Maths

Tue 9 - Fri 12 July 1.30 pm - 4.30 pm

Day 1: Mathematical Induction.

Day 2: Complex Numbers Part 2.

Day 3: Functions & Graphs.

Day 4: Vectors.

Students are requested to bring their Graphics Calculator.

This covers about 60% of the course and is intended to not only reinforce the work covered to date but also give a head-start on the work to come.

Seminar Leader: Mr John Brazzatti B Ma Sc (Hons) Dip Ed Grad Dip Ed John has been teaching senior SACE Mathematics for more than 30 years and International Baccalaureate Maths for 10 years. Many of his SACE students have achieved excellent results over the years.

SACE Stage 2 Physics

Tue 9 - Fri 12 July 1.30 pm - 4.30 pm OR

Mon 15 - Thur 18 July 1.30 pm - 4.30 pm

Day 1. 2.1 Electric Fields.

Day 2. 2.2 Motion of charges in Electric Fields.

Day 3. 2.3 Magnetic Fields. 2.4 Motion of charges in Magnetic Fields.

Day 4. 2.5 Electromagnetic Induction. 3.1 Wave behaviour of light.

The connection of theory to exam style questions will be an integral part of all sessions presented.

Seminar Leader: Mr Joe Russo BEd (Physics). Joe has taught SACE and IB Physics for the last 21 years. Joe has been a co-editor of the SASTA Physics Revision Guide and has been a member of the team responsible for the preparation of SACE Physics Exam paper solutions.

SACE Stage 2 Biology

Tue 9 - Fri 12 July 9.30 am - 12.30 pm OR

Tue 9 - Fri 12 July 1.30 pm - 4.30 pm OR

Mon 15 - Thu 18 July 9.30 am - 12.30 pm

Day 1. DNA and proteins: Roles of DNA. Transcription. Translation. Structure and function.

Day 2. DNA and proteins: Enzymes. Mutations. Gene Expression. Biotechnology. Sequencing. PCR. Transgenesis. Profiling.

Day 3. Cells: Cell Theory. ADP/ATP. Movement through membranes.

Day 4. Cells: Metabolism. Fission. Mitosis. Division. Intro. Homeostasis.

Throughout the week there will be practice questions, including many from past examination papers and discussion of how to tackle different types of questions.

Seminar Leader: Mr Peter Hatcliffe BA BSc. Peter is an experienced Biology teacher and is currently teaching Year 12 SACE Biology at a leading school in Adelaide. Peter's presentations are well presented and easy to follow and are supported by tailor made notes, questions and solutions.

SACE Stage 2 Chemistry

Tue 9 - Fri 12 July 9.30 am - 12.30 pm OR

Tue 9 - Fri 12 July 1.30 pm - 4.30 pm

Mon 15 - Thu 18 July 9.30 am - 12.30 pm

Day 1. Monitoring the Environment.

Day 2. Monitoring the Environment cont.

Day 3. Organic and Biological Chemistry.

Day 4. Managing Chemical Processes and Managing Resources.

A critical look at essay construction and presentation will be an integral part of this course as will exam preparation procedures.

Seminar Leader: Mr Rick Todd BEd (Chem. Maths)

Rick has been teaching Chemistry in South Australia for over 35 years & has been a senior Chemistry teacher at a leading independent school.

Many of Rick's students have attained the perfect score of 20/20 in SACE exams and 7 in IB exams. Rick has also been a moderator and examiner of IB Chemistry and an accredited IB Workshop Leader.

SACE Stage 2 Psychology

Tue 9 - Fri 12 July 9.30 am - 12.30 pm

Day 1. Introduction to Psychology and Social Cognition.

Day 2. Learning.

Day 3. Personality.

Day 4. Psychobiology of Altered States of Awareness.

Seminar Leader: Mr Paul Jessen B Ed

Paul has been teaching Year 12 Psychology for many years. Paul's enthusiastic and passionate presentations have assisted many students achieve success in SACE Stage 2 Psychology.

SACE Stage 2 Nutrition

Tue 9 - Fri 12 July 1.30 pm - 4.30 pm

Day 1. The Fundamentals of Human Nutrition. Macronutrients. Micronutrients. Digestion. Malabsorption syndrome. Metabolism.

Day 2. Diet, Lifestyle and Health. Diet related disorders and symptoms. Educational aids. Food selection guides and diagnostic tools.

Day 3. Food Selection and Dietary Evaluation.

Day 4. Factors that influence food choices. Disordered eating. Selection & prep. of food. Devt. of healthy eating patterns. Behaviour modifications.

Seminar Leader: Ms Jana Pitsadiotis B Nutrition and Food Science, MEd (Biology and Nutrition) Jana has many years experience teaching Stage 2 Nutrition and has at her current school implemented the Stage 1 and Stage 2 Nutrition programs.

SACE Stage 2 Physical Education

Mon 15 - Thu 18 July 1.30 pm - 4.30 pm

Day 1. What are the sources of energy for physical performance?

Day 2. Effects of training and evaluation on physical performance.

Day 3. How can specific physiological factors affect performance?

Day 4. What factors affect patterns of physical activity?

Seminar Leader: Mr Terry Jones BA Dip Ed Terry is an experienced Year 12 PE teacher with many years of teaching experience. Terry's enthusiastic presentations have assisted many year 12's attain excellent results. Terry uses the Fundamentals Physical Education Revision Guide.

SACE Stage 2 English Literary Studies

Mon 15 - Wed 17 July 9.30 am - 12.30 pm

Day 1. Responding to texts – including the Critical Perspectives Task.

Day 2. Creating Texts – incl. the Transformative Text & Writer's Statement.

Day 3. Comparative Analysis – the Comparative Text Study and the Critical Reading.

Seminar Leader: Ms Kay Brindal, B.A. Dip Ed. Kay has been a teacher of Stage 2 English since 1990, specialising in English Studies (now English Literary Studies) since 1994. Kay has held the position of Head of English in various schools and has SACE Board experience in external assessment and moderation.

SACE Stage 2 Accounting

Tue 9 - Thu 11 Jul, 1.30 pm - 4.30 pm

Day 1. Concepts. Accounting & Decision Making Processes. Break-E Analysis.

Day 2. Classified Reports. Balance Sheets. Profit & Loss. Cash Flow.

Day 3. Double Entry Bookkeeping. Depreciation. Balance Day Adjustments.

Seminar Leader: Ms Helen Willmer Dip T. Helen has been teaching Accounting for over 20 years and is a past SACE marker and SACE Accounting moderator.

Performance Plus Study Skills

Tue 9 - Thu 11 July 9.30 am - 12.30 pm OR

Mon 15 - Wed 17 July 9.30 am - 12.30 pm

Suitable for SACE Year 9 - 12 and IB SL and HL students.

Day 1. How to capitalise on your VAK strengths. How to implement Left/Right Brain Strategies to improve study outcomes. Which online Organisation Apps/Tools are best? Learn the crucial difference between note taking and note making. 4Mat. Discover the study secrets of successful 20/20, 7/7 students.

Day 2. Analysis of proven and tested Time Management Models. How to put the Pareto, Parkinson & Quadrant 2 TM laws into perspective. How to use Goal Setting to underpin & crystallize desired results. Test & Exam Prep. Strategies. Discover why and where students continually lose marks in tests and exams. (compiled by past and present SACE examiners). Memory Skill Strategies.

Day 3. Student Motivation Techniques. Stress Management. Relaxation Techniques. Self Management Skills. Learn how to deal with test and exam anxiety. Learn how to effectively balance social, sport, work and study responsibilities.

Seminar Leader: Mr Greg Allison BA Dip Ed.

Greg is one of Australia's leading study skills presenters. Greg has successfully coached sporting teams at State, National and International level and has represented South Australia on 32 and Australia on 8 occasions and is a World Championship Bronze medallist. His practical, no nonsense approach towards the many aspects of student performance has motivated and enhanced academic performance for thousands of students, whilst his learning and motivation strategies have been recognized by training authorities overseas and interstate.

Essay and Report Writing Skills

Mon 15 - Wed 17 July 1.30 pm - 4.30 pm

Suitable for SACE Year 9 - 12 and IB SL and HL students.

Day 1. Getting Started. Elements of an essay/report.

Day 2. How to write an essay. Research. Planning. Essay Writing Flowchart.

Day 3. Essential points. Subject matter. The question. Relevance.

Framework. Evidence. Drafting. Legible and efficient handwriting.

Schedule/Enrolment

Week 1: Tue 9 - Fri 12 July

9.30 am - 12.30 pm	1.30 pm - 4.30 pm
SACE 12 Maths Methods	SACE 12 Specialist Maths
SACE 12 General Maths	SACE 12 Physics
SACE 12 Chemistry	SACE 12 Chemistry
SACE 12 Biology	SACE 12 Biology
SACE 12 Psychology	SACE 12 Accounting
SACE 12 Study Skills	SACE 12 Nutrition

Week 2: Mon 15 - Thu 18 July

9.30 am - 12.30 pm	1.30 pm - 4.30 pm
SACE 12 Maths Methods	SACE 12 Physics
SACE 12 General Maths	SACE 12 Modern History
SACE 12 Chemistry	SACE 12 Physical Education
SACE 12 Biology	SACE 12 Essay/Report Writing
SACE 12 English Literary Studies	SACE 12 Legal Studies
SACE 12 Study Skills	

Enrolment Details

Name

Address.....

..... P/Code.....

Phone (H)..... Phone (W)

Mobile

Email.....

School.....

Circle your selected subjects above

.....subjects @ \$310

(Or Early Bird fee of \$200.... Save \$110 per subject)

TOTAL INVESTMENT: \$

Payment options

Mastercard Visa Pay Pal Cash on Day

Cardholder Exp. /

Card No. / /

E-Transfer to AEC BSB: 035 006 Acct Number: 156 305

Please insert your Family Name or Order ID for this transaction

Fee reduction criteria

Fee reduction applies to fees paid in full before 19.6.19

Full fees payable by 1st day of programme.

Credit card payments subject to 2.5% surcharge.

Please consult website for full Cancellation & Refund Policy and Procedure.

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