Adelaide Education Consultants

Year 11 & 12 SACE

AEC Autumn Revision Program

Week 1 – Tue 18 Apr - Fri 21 Apr and/or
Week 2 – Wed 26 Apr - Fri 28 Apr

Phone 08 8231 7776

Unbeatable Value | Outstanding Results | Past SACE Examiners
Greater Subject Range | Week 1 &/or Week 2
Transfer Flexibility | Fundamental Revision Notes included

Check out our Early Bird offer*

Seminar Venue - St Mary’s College, 253 Franklin St, Adelaide
Email - seminars@aeg.sa.edu.au      Fax - 08 8233 5858

* Early Bird enrolments only for full programme
Welcome to the AEC 2017 Autumn Year 12 SACE Revision Seminar Programme. This year, AEC celebrates 38 years of service to parents and students in Adelaide. In this time, AEC has moulded a dynamic and experienced group of specialist seminar leaders, many of whom are past SACE Board markers and setters. These professionals have a passion for their respective subjects and a genuine concern for the effective transfer of knowledge to students of all ability levels. The seminars conducted by AEC are well respected in the education community with student and parent testimonials validating this respect.

Value and service....

We understand that many students pay for these courses themselves.....that's why we initiated an early bird special so that you can still receive value in a service without compromised quality......that's real student value! Courses conducted 4 times a year! Repeat programmes over week 1 and week 2, giving you MORE flexibility to plan ahead. Considerable savings per subject compared to comparable seminars....that's incredible value! Revision Guides and Revision Notes individually tailored for each group level by the actual presenter of the seminar!.....that's personalised value! Experienced staff ready to answer your questions regarding the seminars, our resources or tuition Monday to Friday 8.30 - 5.30pm...that's great service! An interactive website where you can enrol online for Revision seminars and/or tuition, 24 hours a day...that's smart service!

Celebrating 38 years...

Our 38th year as a leading private education and training organisation says it all. The Director with over 10 years’ experience as a Year 12 teacher and Year 12 Coordinator, has a natural and genuine empathy for the needs of parents and students in this final year. These concerns and values are shared by a dedicated team of seminar presenters and team coordinators/advisors each with varying degrees of educational and industrial experience.

Venue and times....

The AEC Year 11 and 12 SACE Programme will be conducted at 253 Franklin Street at St Mary’s College, near West Terrace. The College offers an idyllic learning environment, state of the art training facilities, FREE Car Parking for students off Grote Street, easy “drop off-pick up” access at the front of the College on Franklin Street and is within easy walking distance of trains (via the City Loop 99C bus), trams and bus stops including the Franklin Street Bus Station.

Please consult the individual subject/week for time details. 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 car parking facilities will be forwarded with the Confirmation of Enrolment.
12 Maths Methods

Week 1: Tue 18 - Fri 21 Apr, 9.30 am - 12.30 pm or
Week 1: Tue 18 - Fri 21 Apr, 1.30 pm - 4.30 pm or
Week 2: Wed 26 - Fri 28 Apr, 9.00am - 1.00 pm

This is the old Maths Studies course and includes topics from both the Maths Studies and Maths Methods courses.
An external exam is part of the assessment criteria and is weighted at 30%. ALL STUDENTS MUST STUDY TOPICS 1,2 AND 3.

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 applications of calculus to rates of change, motion and 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 45 years and has been a Mathematics Coordinator for 29 years. In recent years he 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.

12 Specialist Maths

Week 1: Tue 18 - Fri 21 Apr, 1.30 pm - 4.30 pm or
Week 2: Wed 26 - Fri 28 Apr, 1.30 pm - 5.30 pm

Day 1. Mathematical Induction (Syllabus reference 1.1, Haese reference Ch. 1)

Day 2. Complex Numbers Part 2 (Syllabus reference 2.2 to 2.4, Haese reference Ch 4.E, 4.F and Ch 2)

Day 3. Functions & Graphs (Syllabus reference 3.1 to 3.3, Haese reference Ch. 3)

Day 4. Vectors (Syllabus reference 4.1 to 4.3, Haese reference Ch. 5)

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

Students are requested to bring their Graphics Calculator.

Seminar Leader: Mr John Brazzatti B Ma Sc (Hons) Dip Ed Grad Dip Ed
John has been teaching senior 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.
12 General Maths
Week 1: Tue 18 - Thu 20 Apr, 9.30 am - 12.30 pm

General Maths is a combination of the old Maths Methods and Maths Applications.
The subject consists of 6 topics of which 3 are compulsory and externally examined. All students must study the following Topics and Subtopics:
Topics 3, 4 and 5 are essential and are examined externally.

ALL STUDENTS MUST STUDY TOPICS 3, 4 AND 5.
Day 1. Topic 3: Statistical Models
   Subtopic 3.1: Bivariate Statistics
   Subtopic 3.2: The Normal Distribution

Day 2. Topic 4: Financial Models
   Subtopic 4.1: Models for Saving
   Subtopic 4.2: Models for Borrowing

Day 3. Topic 5: Discrete Models
   Subtopic 5.1: Critical Path Analysis
   Subtopic 5.2: Assignment Problems

Students are requested to bring their Graphics Calculator.

Seminar Leader: Mr Craig Smith B App Sc (Mathematical and Computer Modelling) Grad Dip Ed. Craig is a highly recommended Maths Applications teacher who has been teaching for 12 years. Craig has been a SACE Maths Applications moderator and examiner. He has assisted many of his students to gaining excellent results.

PLEASE BRING YOUR GRAPHICS CALCULATOR TO ALL SESSIONS

12 Essential Maths
Week 1: Tue 18 - Thu 20 Apr, 1.30 pm - 4.30 pm

Essential Maths offers students the opportunity to extend their skills in ways that apply to practical problem-solving in everyday and workplace contexts.

ALL STUDENTS MUST STUDY TOPICS 2, 4 AND 5.
Topics 2, 4 and 5 are essential and are examined externally.

Day 1. Topic 2: Measurement
   Subtopic 2.1: Linear Measure
   Subtopic 2.2: Area Measure
   Subtopic 2.3: Mass, Volume, and Capacity

Day 2. Topic 4: Statistics
   Subtopic 4.1: Sampling from Populations
   Subtopic 4.2: Analysis and Representation of Sets of Data
   Subtopic 4.3: Linear Correlation

Day 3: Topic 5: Investment and Loans
   Subtopic 5.1: Lump-sum Investments
   Subtopic 5.2: Annuity Investments
   Subtopic 5.3: Loan Annuities

Students are requested to bring their Graphics Calculator.

Seminar Leader: Mr Craig Smith B App Sc (Mathematical and Computer Modelling) Grad Dip Ed. Craig is a highly recommended Maths Applications teacher who has been teaching for 12 years. Craig has been a SACE Maths Applications moderator and examiner. He has assisted many of his students to gaining excellent results.

PLEASE BRING YOUR GRAPHICS CALCULATOR TO ALL SESSIONS
12 Physics

Week 1: Tue 18 - Fri 21 Apr, 9.30 am - 12.30 pm or
Week 1: Tue 18 - Fri 21 Apr, 1.30 am - 4.30 pm or
Week 2: Wed 26 - Fri 28 Apr, 9.00am - 1.00 pm or
Week 2: Wed 26 - Fri 28 Apr, 1.30pm - 5.30 pm

Day 1. Projectile Motion. Uniform Circular Motion.
Day 3. Electric Fields with Motion of Charged Particles in Electric Fields.
The connection of theory to exam style questions will be an integral part of all sessions presented. This program effectively covers 50% of course content and integrates key concepts from topics 1-8.

Seminar Leader: Mr Hiwa Jaldiani BSc Grad Dip Ed M Ed
An experienced senior SACE Physics teacher in a leading independent college in South Australia, Hiwa is also a SACE moderator and marker. Hiwa’s graphical demonstrations are popular internationally and they will assist his students to understand all key concepts of the syllabus. Hiwa integrates the connection between theory and exam style questions in his teaching successfully. A number of Hiwa’s students achieve the perfect 20 every year.

12 Chemistry

Week 1: Tue 18 - Fri 21 Apr, 9.30 am - 12.30 pm or
Week 2: Wed 26 - Fri 28 Apr, 9.00am - 1.00 pm


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. Many of Rick’s students have attained the perfect score of 20/20 in SACE exams and 7 in IB exams.

Seminar Leader: Mr Ian Kershaw BSc Dip Ed Ian has been teaching SACE Chemistry for over 30 years & has been a SACE Chemistry marker for 13 years. Ian is the author of the Chemistry Fundamentals Revision Guide and Solutions Guide and has assisted a number of his students to 20/20.

12 Biology

Week 1: Tue 18 - Fri 21 Apr, 9.30 am - 12.30 pm or
Week 1: Tue 18 - Fri 21 Apr, 1.30 am - 4.30 pm or
Week 2: Wed 26 - Fri 28 Apr, 9.00am - 1.00 pm or
Week 2: Wed 26 - Fri 28 Apr, 1.30pm - 5.30 pm

Day 1. DNA, genes. Transcription, translation. Proteins, polysaccharides.
Day 3. Accuracy, precision, resolution. Enzymes. DNA sequencing, PCR, profiling.

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 John Seymour MA DipEd DipTESOL John has teaching, lecturing and exam marking experience extending over more than 40 years, and is a former member of the SACE Board Biology Syllabus Committee. Students appreciate his clear explanation of concepts through computer presentations.
12 Psychology
Week 1: Tue 18 - Fri 21 Apr, 9.30 am - 12.30 pm

Day 1. Introduction to Psychology and Social Cognition:
Attitude structure & function, social comparison & impressions.
Application to personal & social issues.

Day 2. Learning:
Classical, operant and observational learning. Application to personal & social issues, ethics and investigation designs.

Day 3. Personality:
Psychodynamic, humanistic, trait concepts of personality.
Application to personal & social issues, ethics & investigation designs.

Day 4. Psychobiology of Altered States of Awareness:

Seminar Leader: Mr John Fletcher BA (Psychology) BEd AST1
John studied Psychology at the University of South Australia and the State University of New York. John has taught Year 11 and 12 Psychology since its introduction to the SACE curriculum and is the author of the Fundamentals Psychology Revision Guide.

12 Physical Education
Week 1: Tue 18 - Fri 21 Apr, 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?


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

12 Modern History
Week 2: Wed 26 - Fri 28 Apr, 1.30 pm - 4.30 pm

The following themes will be addressed during the week:

Day 1. Source Analysis.
Day 2. Thematic Study

Seminar Leader: Mr Brenton Tucker BA Dip Ed
Brenton has been teaching Modern History for more than 38 years. Brenton has considerable experience as a SACE Board marker and History moderator extending over 25 years and is the author of the Modern History Fundamentals Revision Guide.
12 Accounting
Week 1: Tue 18 - Fri 21 Apr, 1.30 pm - 4.30 pm
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. Helen has assisted numerous students over many years attain excellent results. Helen uses the Accounting Fundamentals authored by Marlene Cruickshank.

12 Economics
Week 2: Wed 26 - Fri 28 Apr, 9.00am - 12.00 pm
Essay writing principles specific to Economics are incorporated throughout the programme.
Seminar Leader: Dr Brian Bentick PhD MA MComm
Brian is a previous Chief Examiner in SACE Economics and has extensive experience in schools and universities throughout Australia and the USA. Brian uses the Fundamentals Economics Revision Guide authored by Mr Jon Inge.

12 Research Project
Week 2: Wed 26 - Fri 28 Apr, 1.30pm - 4.30 pm
Suitable for Stage 1 and Stage 2 students
Day 1. Initiating and planning the research.
Day 2. Developing the research. Producing and substantiating the research outcome.
Day 3. Reviewing and evaluating the research. Understanding Evidence of Learning and Assessment Design Criteria.
Individual progression and "needs met" focus facilitated in a small group environment.
Seminar Leader: Mr Alan Fulton BA Dip Ed
Alan has been teaching the Research Project for a number of years. A current Research Project teacher, Alan and has been instrumental in producing some of the State’s best Research Project outcomes.

12 Legal Studies
Week 1: Tue 18 - Fri 21 Apr, 1.30 pm - 4.30 pm
Day 1. The Australian Legal System.
Day 3. Lawmaking.
Essay Writing Skills specific to Legal Studies will be examined throughout the programme.
Seminar Leader: Mr Matthew Williams BA BE
Matt has been teaching Stage 1 and Stage 2 Legal Studies for over 10 years and is a member of the Legal Education Teachers’s Association of SA. Matt's passion for the subject has generated numerous 20’s for his students over the years.

Day 2. Diet, Lifestyle and Health:
Contemporary disorders related to diet and lifestyle. Prevention, control & reversal of symptoms. Lifestyle factors. Role of physical activity.

Day 3. Food Selection and Dietary Evaluation:
Nutritional requirements and awareness. Influence of physiological, psychological, economic and social factors.

Day 4. Food, Nutrition and the Consumer:

Individually requests within individual core and option topics will be gladly accommodated by the Seminar Leader.
Seminar Leader: Ms Anna Palombaro BEd (Science)
Anna has been teaching Nutrition for many years and has marked Nutrition exams. Anna is the compiler of the Fundamentals Nutrition Revision Guide.

Essay Writing
Week 2: Wed 26 - Fri 28 Apr, 9.00am - 12.00 noon
Suitable for SACE Stage1 & 2 and IB students.

Seminar Leader: Mr Brenton Tucker BA Dip Ed
Brenton has been teaching at Year 12 level for more than 38 years. Brenton has considerable experience as a SACE Board marker and moderator extending over 25 years and is the co-author of the Fundamentals Essay Writing Revision Guide.

Study Skills
Week 2: Wed 26 - Fri 28 Apr, 1.30 pm - 4.30 pm
Suitable for SACE and IB students years 10 - 12.
Dynamically presented by a past Year 12 teacher who has a passion for improving the learning capabilities of students, this programme has been responsible for turning around personal academic performances for many students. The course focuses on a range of topics designed to assist students in achieving their maximum potential and to learn more about the importance of complimenting their school year with sound study skills.


“Very inspirational for any student. Highly recommended.” J. Simmons
“10/10...This course should be compulsory for all Year 11-12s.” A. Wilson
“It has inspired me to do my best and put in 100%.” L. Bajada
“Excellent seminar. Greg is very wise and is bringing much needed information to students.” Katie Kempe
“Exceeded my expectations, well worth it.” Ben Fry
“Brilliant, no other word to describe it.” Elena Violin
“I can’t wait to see the new strategies I learnt in this course.” B. Mulholland
“The seminar re-ignited the flame of hope.” Hayley Wood
School assessment comprises 70% of total assessment, with the externally assessed component - Part A: Comparative Text Study (15%), Part B: Critical Reading (15%) comprising 30%.

Day 1. Responding to texts – including the Critical Perspectives Task
Extended Prose
Film. Drama. Poetry
Day 2. Creating Texts – including the Transformative Text and Writer’s Statement
Day 3. Comparative Analysis – the Comparative Text Study and the Critical Reading
Exam techniques, responding to an unseen text or texts
Individual progression and “needs met” focus facilitated in a small group environment.

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 over a number of years. Kay’s enthusiastic approach to learning and teaching is complemented by the delivery of professional development for teachers of English, continued involvement in the creation of English support materials, and by relevant SACE Board experience in external assessment and moderation.

School assessment will comprise 70% of total assessment, with the externally assessed Comparative Analysis comprising 30%.

Day 1. Responding to texts.
Day 2. Creating Texts
Day 3. Comparative Analysis
How to manage an independent study
Individual progression and “needs met” focus facilitated in a small group environment.

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 over a number of years. Kay’s enthusiastic approach to learning and teaching is complemented by the delivery of professional development for teachers of English, continued involvement in the creation of English support materials, and by relevant SACE Board experience in external assessment and moderation.

Day 2. Sentence structures; sentence problems; punctuation; spelling; vocabulary building; paragraph structure.
Day 3. Written genres, eg, formal/informal text production; leaflet production; narrative structure; recount structure; report generation; interview Format.
Individual requests accommodated in a small group environment.

Seminar Leader: Mr David Place B Ed Dip T (English to Adults from Non English Background Cambridge University). David has been teaching ESL for the past 20 years and English for over 26 years.
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<thead>
<tr>
<th>Week/Time</th>
<th>SACE Stage 1 Workshops</th>
<th>Maths</th>
<th>Physics</th>
<th>Chemistry</th>
<th>Essay Writing</th>
<th>Study Skills</th>
<th>Research Project</th>
<th>English EAL</th>
<th>Modern History</th>
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</thead>
<tbody>
<tr>
<td>Week 1 am</td>
<td>9.30am - 12.30pm (Yr 12)</td>
<td>Maths Methods</td>
<td>Physics</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Essay Writing</td>
<td>Study Skills</td>
<td>Research Project</td>
<td>English EAL</td>
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<td>Week 1 am</td>
<td>10.00am - 12.30pm (Yr 11)</td>
<td>Maths Methods</td>
<td>Physics</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Essay Writing</td>
<td>Study Skills</td>
<td>Research Project</td>
<td>English EAL</td>
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<td>Week 2 am</td>
<td>9.00am - 1.00pm (Yr 12)</td>
<td>Maths Methods</td>
<td>Physics</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Essay Writing</td>
<td>Study Skills</td>
<td>Research Project</td>
<td>English EAL</td>
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<tr>
<td>Week 2 am</td>
<td>10.00am - 12.30pm (Yr 11)</td>
<td>Maths Methods</td>
<td>Physics</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Essay Writing</td>
<td>Study Skills</td>
<td>Research Project</td>
<td>English EAL</td>
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Students can select up to 4 subjects over 2 weeks.

More flexibility... choose week 1 or week 2 and/or am or pm sessions.

Adelaide Education Consultants
www.aeg.sa.edu.au
Enrolment Form

Please tear off this flap & free post to:
AEC Reply Paid 64564, Level 30, Westpac House,
91 King William St, Adelaide SA 5000

Your details:

Name ....................................................................................................
Address.................................................................................................
..................................................................... P/Code ............................
Phone (H) .......................................Phone (W) .....................................
Fax (H) ...........................................Fax (W)..........................................
Mobile ..................................................................................................
Email .....................................................................................................
School ...................................................................................................

Your selected subjects:

<table>
<thead>
<tr>
<th>SACE Subject</th>
<th>Year</th>
<th>Week</th>
<th>Time</th>
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<tbody>
<tr>
<td>1.</td>
<td>11/12</td>
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<td>11/12</td>
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<tr>
<td>Study Skills</td>
<td>10/11/12</td>
<td>2</td>
<td>pm</td>
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No. of subjects @ $265 ($200 Early Bird)* $.. ..............................

TOTAL INVESTMENT $.. ..............................

Payment options:

☐ Mastercard ☐ Visa ☐ Money/Order

Cardholder ................................................ Exp. ........../ ..........

Card No. ......................./ ......................./ ......................./ ....................... 

☐ Cheques Payable to: Adelaide Education Consultants

☐ Web Site Enrolment & Payment

☐ E-Transfer to AEC: BSB: 035006 Acct Number: 156305

*Fee reduction applies to fees paid in full before 30.3.17...SAVE $65 PER SUBJECT!
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.
AEC SACE
Year 11 and 12 Holiday Program Dates:

January Headstart Program 2017: $200 Early Bird Offer
Week 1: 13 - 15 January
Week 2: 17 - 19 January

April Autumn Program 2017: $200 Early Bird Offer
Week 1: 18 - 21 April
Week 2: 26 - 28 April

July Winter Program 2017: $200 Early Bird Offer
Week 1: 11 - 14 July
Week 2: 18 - 21 July

October Spring Program 2017:
Week 1: 2 - 6 October
Week 2: 9 - 13 October

FAQ’s

Q What times are the seminars?
Year 12’s: Morning: 9.30am - 12.30pm
Afternoon: 1.30pm - 4.30pm
Year 11’s: Morning: 10.30am - 12.30pm
Afternoon: 1.30pm - 3.30pm

Q Are the groups graded?
A Every effort is made to allocate students into graded groups according
 to submitted subject results. AEC reserves the right to change the nature of
 the courses and the presenter, should circumstances outside the College’s
 control warrant such changes.

Q Do I receive confirmation advice?
Yes! We will email a Confirmation of Enrolment (CoE) within 48 hours of
receiving your application. Please ensure your email address is accurate.
Website self enrolments receive an instant CoE.

Q Do I receive notes from my seminar leader?
Yes. In most subjects you will receive summary notes from the seminar leader.
These notes have in most cases been prepared by the seminar leader who
is presenting to you. This makes it easier for you to follow the programme,
providing congruency between what is articulated in class and what you
follow on paper.

Bring a friend and save!

For each friend you bring you receive a FURTHER 5% off the Full Fee OR the
Early Bird Fee!

Need a Home Tutor?

Experienced and qualified tutors in all subjects.
Contact the office on 82317776 or register online: www.aeg.sa.edu.au