VCE HIGH PERFORMANCE TUTORING

Exam Preparation Program (EPP)

VCE Chemistry Units 3 & 4: Timetable

Dear Parents & Guardians,

The VCE Chemistry Unit 3 & 4 EPP combines three intents consistently across the 16 week program: strong content revision; explicit exam technique; and regular exam-style application under timed conditions. Each session is designed to revise key knowledge, and to help students improve how they interpret questions, structure responses, apply data and stimulus material and avoid common exam errors.

The timetable herein contains a macro summary of each workshop and tutorial focus. The structure is intentionally flexible; to enable adjustment once the lead educator understands student strengths, weaknesses and school progress in more detail.

Across the program, the lead educator and tutor incorporate proven study techniques and strategies of high performing ATAR students, including active recall, spaced repetition, error analysis, timed practice, worked example comparison, and exam response scaffolding.

The overarching objective of the VCE EPP is to build the students' confidence, accuracy and exam readiness over time, so that by the final weeks they are not just revising content but performing strongly under VCE exam conditions.

Please direct enquiries to vceepp@shortcoursesau.edu.au or phone 1300 747 430 or enrol online following the QR code.

Yours sincerely,

Jonathon Ainscough
Chief Executive Officer

STUDY

FACE TO FACE OR ONLINE
Evening and weekend classes available Sunday to Friday.

COST

$35.00 PER HOUR
Flexible payment options, $105.00 per week for 16 weeks.

ENROL

SCA SHORT COURSES AUSTRALIA

RTOID 41261

Course Timetable: VCE Chemistry 3/4

Week 1

Time	Date	Delivery Details	Session Summary
09.30 AM to 11.20 AM	Sunday 5 July 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Introduce the structure of the VCE Chemistry exam, including how marks are often gained and lost. • Establish how EPP will be run. E.g. content revision, timed application and personalised feedback each week. • Revise the core skills that underpin success across the whole course, such as mole relationships, balanced equations, stoichiometry and precise use of chemical terminology. Focus on building confidence with fundamental calculations and ensuring students can show clear working in an exam setting. • Model how to structure short-answer responses clearly and logically, especially when the question requires both calculation and explanation. • Cover foundational Chemistry skills needed for Unit 3, including mole concept, stoichiometry, balancing equations, state symbols, limiting reagents and introduction to combustion terminology. • Learning strategies: retrieval practice, worked examples, scaffolded problem solving, exam response scaffolding.
07.05 PM to 07.55 PM	Wednesday 8 July 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 2

Time	Date	Delivery Details	Session Summary
09.30 AM to 11.20 AM	Sunday 12 July 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Review core skills from previous lesson. • Focus on Unit 3 energy concepts, including fuels, energy transformations and the comparison of current and future energy sources. • Teach students how to answer evaluative questions that require balancing advantages, disadvantages and sustainability considerations. • Use past exam questions to practice selecting relevant chemistry knowledge rather than writing broad, general responses. • Compare fossil fuels and biofuels, energy sources for the body, and the key reactions of photosynthesis, respiration and fermentation, including complete and incomplete combustion equations. • Learning strategies: active recall, comparison tables, timed short-answer practice, error analysis.
07.05 PM to 07.55 PM	Wednesday 15 July 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 3

Time	Date	Delivery Details	Session Summary
09.30 AM to 11.20 AM	Sunday 19 July 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Revise exothermic and endothermic processes, enthalpy change, energy profiles and calculations involving bond energy or calorimetry-style thinking where relevant. • Emphasise how students should interpret data, link calculations to chemical meaning and avoid common unit and sign errors. • Practice combining theory with application so students can move beyond memorisation and explain what energy change means chemically. • Teach enthalpy changes, energy profile diagrams, thermochemical equations, calorimetry, specific heat capacity calculations and percentage efficiency of fuels. • Learning strategies: worked-example comparison, dual coding, mistake tracking, retrieval practice.
07.05 PM to 07.55 PM	Wednesday 22 July 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 4

Time	Date	Delivery Details	Session Summary
09.30 AM to 11.20 AM	Sunday 26 July 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Cover oxidation and reduction, identifying oxidising and reducing agents, half-equations and electron movement. • Develop confidence with interpreting redox processes in words, symbols and reaction form, as students often struggle to connect all three. • Use exam-style prompts to train students to justify their answers using precise chemical language rather than vague explanation. • Cover oxidation numbers, oxidising and reducing agents, conjugate redox pairs, half-equations and full redox equations in acidic and basic conditions. • Learning strategies: active recall, stepwise modelling, error analysis, response scaffolding.
07.05 PM to 07.55 PM	Wednesday 29 July 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 5

Time	Date	Delivery Details	Session Summary
09.30 AM to 11.20 AM	Sunday 2 August 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Focus on electrochemical cells, cell diagrams, electron flow, the role of electrodes and electrolytes, and the differences between galvanic cells and electrolysis. • Help students interpret diagrams, data and unfamiliar setups, since VCE often assesses application rather than direct recall. • Include timed questions and teacher feedback on how to explain processes clearly using correct terminology. • Cover galvanic cell structure, anode and cathode processes, electron flow, salt bridge function, electrochemical series, cell potential and comparison with electrolytic cells and fuel cells. • Learning strategies: interleaving, timed practice, worked examples, close question analysis.
07.05 PM to 07.55 PM	Wednesday 5 August 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 6

Time	Date	Delivery Details	Session Summary
09.30 AM to 11.20 AM	Sunday 9 August 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Revise collision theory and factors affecting reaction rate, including concentration, temperature, surface area and catalysts. • Train students to explain why rates change at the particle level, as this is where many students lose marks through incomplete reasoning. • Use data-based and graph-based exam questions to practice interpreting trends and writing cause-and-effect scientific explanations. • CONTENT: Teach collision theory, activation energy, catalysts and the effect of concentration, temperature, surface area and pressure on reaction rate, supported by graph analysis and practical examples. • Learning strategies: graph interpretation drills, active recall, exam language drilling, error analysis.
07.05 PM to 07.55 PM	Wednesday 12 August 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 7

Time	Date	Delivery Details	Session Summary

09.30 AM to 11.20 AM	Sunday 16 August 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** 1 Tutor:10 Student Ratio) • Focus on dynamic equilibrium, equilibrium systems and predicting shifts when conditions change. • Teach students how to distinguish between rate and equilibrium explanations, which is a very common source of confusion. • Practice extended-response questions that require students to justify changes to yield using both chemical reasoning and exam terminology. • Cover reversible reactions, dynamic equilibrium, Le Chatelier's principle, concentration-time graphs, and equilibrium calculations including Kc and reaction quotient where appropriate. • Learning strategies: concept mapping, retrieval practice, worked-example comparison, response scaffolding.
07.05 PM to 07.55 PM	Wednesday 19 August 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 8

Time	Date	Delivery Details	Session Summary
09.30 AM to 11.20 AM	Sunday 23 August 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Consolidate the first half of the program through a mixed-topic revision session using historical VCE-style questions. • Focus on helping students identify what a question is really asking, choose the right chemistry idea quickly and manage time under pressure. • Provide individualised feedback on patterns in student mistakes and begin building each student's personalised improvement plan. • Consolidate Unit 3 content through mixed revision of fuels, calorimetry, redox, electrochemical cells, rates and equilibrium using historical exam questions and targeted feedback. • Learning strategies: interleaving, timed retrieval, error logs, metacognitive reflection.
07.05 PM to 07.55 PM	Wednesday 26 August 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 9

Time	Date	Delivery Details	Session Summary
09.30 AM to 11.20 AM	Sunday 30 August 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Introduce or revise organic chemistry foundations, including naming, structures, homologous series, functional groups and key patterns students must recognise quickly. • Build strong identification skills so students can move efficiently through exam questions involving formulae, structural representations and classification. • Use repetitive, low-stakes retrieval and application questions to strengthen speed and accuracy. • Introduce carbon bonding, structural isomerism, formula representations, major organic families and IUPAC naming. • Learning strategies: active recall, pattern recognition, worked examples, spaced repetition.
07.05 PM to 07.55 PM	Wednesday 2 September 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 10

Time	Date	Delivery Details	Session Summary

09.30 AM to 11.20 AM	Sunday 6 September 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Focus on reaction pathways, types of organic reactions and how compounds can be converted from one class to another. • each students how to read synthesis-style questions carefully and track multi-step reasoning without becoming overwhelmed. • Use scaffolded pathway practice and then gradually remove support so students become more independent in solving unfamiliar problems. • Cover substitution, addition, esterification, hydrolysis, biodiesel formation, biomolecule reactions, percentage yield, atom economy and sustainability in organic synthesis. • Learning strategies: flowchart mapping, scaffold fading, interleaving, error analysis.
07.05 PM to 07.55 PM	Wednesday 9 September 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 11

Time	Date	Delivery Details	Session Summary
09.30 AM to 11.20 AM	Sunday 13 September 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Revise the analysis of organic compounds, including how experimental or instrumental evidence can be used to identify or distinguish compounds. • Focus on interpreting information carefully, selecting relevant evidence and linking observations to justified conclusions. • Practice exam questions where students must combine chemical understanding with data interpretation, rather than rely on memory alone. • Cover qualitative tests, distillation, purity checks and instrumental techniques including MS, IR, 1H NMR and 13C NMR for identifying organic compounds. • Learning strategies: close reading, worked-example comparison, dual coding, timed short-answer practice.
07.05 PM to 07.55 PM	Wednesday 16 September 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 12

Time	Date	Delivery Details	Session Summary
09.30 AM to 11.20 AM	Sunday 20 September 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Focus on practical investigation questions, including variables, validity, reliability, accuracy, improvements, controlled experiments and interpretation of results. • Since practical evaluation is often a differentiator in exam performance, explicitly teach how high-scoring responses are phrased. • Use sample responses and examiner-style thinking to show what separates a basic answer from a strong one. • Focus on practical design and evaluation, including variables, validity, reliability, uncertainty, redox titration, extraction and distillation, with links to medicinal chemistry and scientific investigation skills. • Learning strategies: question deconstruction, model answer comparison, error analysis, metacognitive reflection.
07.05 PM to 07.55 PM	Wednesday 23 September 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 13

Time	Date	Delivery Details	Session Summary

09.30 AM to 11.20 AM	Sunday 27 September 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Revisit weak areas through short reteaching, worked examples and immediate practice so students can turn feedback into improved performance. • Strengthen confidence by showing students how to correct mistakes systematically rather than repeating them. • Personalised session and focus on the specific topics or question styles that students are still finding difficult. • Personalised reteaching will target class needs, such as stoichiometry, calorimetry, redox, equilibrium, organic naming, pathways or spectroscopy, followed by immediate corrective practice. • Learning strategies: deliberate practice, mistake correction cycles, retrieval practice, worked-example comparison.
07.05 PM to 07.55 PM	Wednesday 30 September 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 14

Time	Date	Delivery Details	Session Summary
09.30 AM to 11.20 AM	Sunday 11 October 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Run a substantial timed simulated exam section to build exam stamina, timing awareness and response discipline under pressure. • Mark and review student responses in detail, focusing on common themes such as misreading the question, insufficient explanation, weak terminology or careless calculation errors. • Use feedback identify each student's final priority areas for improvement before the exam. • Use a mixed Unit 3/4 timed exam section containing calculations, application questions, data interpretation and organic analysis, followed by detailed review and correction. • Learning strategies: timed practice, exam wrappers, error logs, deliberate practice.
07.05 PM to 07.55 PM	Wednesday 14 October 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 15

Time	Date	Delivery Details	Session Summary
09.30 AM to 11.20 AM	Sunday 18 October 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Revision session to answer questions related to any content students are still struggling with Consolidate program through a mixed-topic revision session using historical VCE-style questions. • Focus on helping students identify what a question is really asking, choose the right chemistry idea quickly and manage time under pressure. • Review high-yield concepts, common traps, command terms, time management and how to maximise marks even when unsure. • Run a high-yield final revision of the most examinable Units 3 & 4 topics, while answering student questions and correcting remaining weak areas through targeted practice.
07.05 PM to 07.55 PM	Wednesday 21 October 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

Week 16

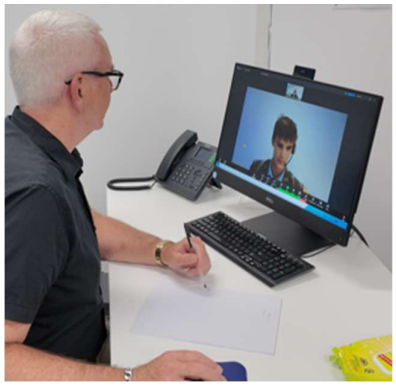
Time	Date	Delivery Details	Session Summary

09.30 AM to 11.20 AM	Sunday 25 October 2026	Room L1R1 Level 1, 350 Collins St, Melbourne or Google Meet	**Workshop** (1 Tutor:10 Student Ratio) • Consolidate the entire 16-week program through a final mixed-topic revision session centered on exam execution, confidence and strategy. • Review high-yield concepts, common traps, command terms, time management and how to maximise marks even when unsure. • End with a personalised exam-day plan for each student, including final revision priorities and clear strategies for approaching the paper calmly and efficiently. • Learning strategies: spaced repetition, active recall, final exam checklist, metacognitive planning. • Conclude with a final mixed review of must-know content, exam execution strategies, time management, error-checking and a personalised exam-day checklist for each student.
07.05 PM to 07.55 PM	Wednesday 28 October 2026	Google Meet	**Tutorial** (1 Tutor:5 Student Ratio) • Review responses, ask questions and practice exam techniques

VCE Examination

Time	Date	Delivery Details	Session Summary
04.30 PM to 06.30 PM	Sunday 1 November 2026	Date & Time not Confirmed	The 2026 VCE examination timetable will be published by VCAA in May. Written examinations will be completed between Monday 26 October 2026 and Wednesday 18 November 2026

LEARN MORE



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